Bringing together health’s most forward thinking innovators

hisa.org.au/hic
@HISA_HIC
#HIC17
hisa.national
## NURSING INFORMATICS AUSTRALIA CONFERENCE

### PRE-CONFERENCE SUNDAY 6 AUGUST 2017

**PODium 1+2, Rydges Southbank Brisbane**

**8.00am** Registration opens

**9.00am** Introduction and welcome
- **Lis Herbert** Chair, Nursing Informatics Australia
- **Christine Giles @giles_cm** Chief Executive Officer, Portland District Health
- **Stefanie Schormuller** and **Meredith Faggottter @Sydney_Kids** Sydney Children’s Hospital Network

**9.15am** The right information, in the right place at the right time
- **Christine Giles @giles_cm** Chief Executive Officer, Portland District Health

**9.50am** Nursing and the eMR: Working to prevent change fatigue
- **Stefanie Schormuller** and **Meredith Faggottter @Sydney_Kids** Sydney Children’s Hospital Network

**10.10am** After-hours task manager
- **Susan Moller @qldhealthnews** Nurse Manager, Patient Flow Unit, Royal Brisbane and Women’s Hospital

**10.30am** Morning tea and exhibition

**11.00am** Nurses and midwives uniquely positioned to lead and influence within health informatics
- **Joanne Reid @WAHealth** Nursing and Midwifery Office, Department of Health, Western Australia

**11.30am** Putting the patient’s needs first: The role of acuity measurement in redefining nursing workloads around patient’s requirement for nursing service
- **Luke Hutley** Senior Nurse Consultant, Trend Care Systems

**11.50am** Nursing - the connecting role in health information and technology improvement
- **Cheryl McCullagh @Sydney_Kids** Director of Clinical Integration, The Sydney Children’s Hospitals Network

**12.20pm** Lunch and exhibition

**1.30pm** What do we do when the paper won’t go away?
- **Carey Boyce @telstrahealth** Clinical Application Specialist
- **Marian Linnane and Melanie Ford @telstrahealth** Marketing and Pre Sales Manager, Emerging Systems - A Telstra Health Company

**1.50pm** Q&A Panel facilitated by
- **Marian Linnane** Committee Member, Nursing Informatics Australia

**3.00pm** Afternoon tea and exhibition

**3.30pm** National guidelines for on-screen presentation of discharge summaries
- **Siobhan McFadden @ACSQHC** Project Manager, Safety in e-Health, Australian Commission on Safety and Quality in Health Care

**3.50pm** The value of medical device integration
- **Adrian Hutchinson @RCHMelbourne** Chief Nursing and Allied Health Information Officer, Royal Children’s Hospital

**4.10pm** Moya Conrick Award announcement
- **Lis Herbert** Chair, Nursing Informatics Australia

**4.15pm** Thank you and closing remarks
- **Lis Herbert** Chair, Nursing Informatics Australia

**4.45pm** Conference concludes

**4.45-5.15pm** Nursing Informatics Australia AGM

**4.45-5.45pm** Networking reception

---

**POSTERS**

**CHAT TO THE AUTHORS DURING LUNCH (1.00-1.30pm)**

Nurse manager risk information management for decision-making: A qualitative analysis
- **Tasneem Islam @Deakin** Deakin University

Discharge script tracking – now visible in wards!
- **Susan Moller @qldhealthnews** Nurse Manager, Patient Flow Unit, Royal Brisbane and Women’s Hospital and
- **Amy MacKay** eMedication Management Specialist Pharmacist, Clinical Information Systems Support Unit, Health Support Queensland

Understanding the mediating role of nursing information systems using activity theory
- **A/Prof Lemai Nguyen @Deakin** and **A/Prof Paul Cooper @longboardfella** Deakin University

Maternity clinical modules – meeting patient, provider and government requirements via single entry!
- **Carolyn Towers @telstrahealth** Telstra Health (Emerging Systems)

Supporting nursing through mobile technology
- **Chris Wobcke** CogentX
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.15am</td>
<td>Registration opens</td>
</tr>
<tr>
<td>8.45am</td>
<td>Introduction and welcome A/Prof Chris Bain @HealthTechUX Chair, HISA's UX Community of Practice</td>
</tr>
<tr>
<td>9.20am</td>
<td>Current and future directions in EHR UI design and why UX/UCD is important Dr Anne Miller Human Factors Specialist, eHealth NSW</td>
</tr>
<tr>
<td>10.00am</td>
<td>Morning tea</td>
</tr>
<tr>
<td>10.20am</td>
<td>What constitutes good design and how does UX/UCD support this? Chris Marmo @kurisu Research Director, Paper Giant</td>
</tr>
<tr>
<td>11.10am</td>
<td>Where the rubber hits the road - UX at the frontline Matiu Bush @matiubush Design Integration Lead, RSL Care and RDNS</td>
</tr>
<tr>
<td>11.30am</td>
<td>Why thoughtful design is hard in health Pamela Scicluna @Pamela_Scicluna Executive Director, Kianza</td>
</tr>
<tr>
<td>11.50am</td>
<td>The clinician designer- how healthcare workers learn to design a solution for all Dr Louise Teo @themedstartup Medical Registrar, Basic Physician Trainee, Founder, TheMedicalStartup.com</td>
</tr>
<tr>
<td>12.10pm</td>
<td>Lunch</td>
</tr>
<tr>
<td>1.00pm</td>
<td>How is good design evaluated? Prof Frank Vetere @fvetere Professor, University of Melbourne</td>
</tr>
<tr>
<td>1.50pm</td>
<td>MASTERCLASS 1 ROOM: PODIUM ROOM 3 Hands on UX</td>
</tr>
<tr>
<td>1.50pm</td>
<td>In this UX Masterclass we’ll be actively taking attendees through a ‘discovery’ phase and actually create a “digital human experience” for carers/patients newly diagnosed with dementia. We’ll break into teams, unpack and collect individual knowledge, add it to collective pile and reduce it to the essentials. We’ll identify the problem to solve, personify the customer, select features for the MVP and then design the solution - together! Bernard Schokman @uxBernard UX Strategist, BernardSchokman.com and UXMoshpit.com</td>
</tr>
<tr>
<td>3.15pm</td>
<td>Afternoon tea</td>
</tr>
<tr>
<td>3.30pm</td>
<td>MASTERCLASS 3 ROOM: PODIUM ROOM 3 Hands on UX (repeated)</td>
</tr>
<tr>
<td>3.30pm</td>
<td>In this UX Masterclass we’ll be actively taking attendees through a ‘discovery’ phase and actually create a “digital human experience” for carers/patients newly diagnosed with dementia. We’ll break into teams, unpack and collect individual knowledge, add it to collective pile and reduce it to the essentials. We’ll identify the problem to solve, personify the customer, select features for the MVP and then design the solution - together! Bernard Schokman @uxBernard UX Strategist BernardSchokman.com and UXMoshpit.com</td>
</tr>
<tr>
<td>4.55pm</td>
<td>Thank you and closing remarks A/Prof Chris Bain @HealthTechUX Chair, HISA’s UX Community of Practice</td>
</tr>
<tr>
<td>5.15pm</td>
<td>Workshop concludes</td>
</tr>
<tr>
<td>Time</td>
<td>Session</td>
</tr>
<tr>
<td>------------</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>8.30am</td>
<td>Registration opens</td>
</tr>
<tr>
<td>9.00am</td>
<td>Update on standards: HL7, FHIR, IHE and AMT terminology Dr Vince McCauley @IHE_Australia Chair, IHE Australia; Chris Lindop IHE using FHIR and Jason Steen @HL7Australia Chair, HL7 Australia</td>
</tr>
<tr>
<td>10.00am</td>
<td>Diagnostic imaging and medical photography image exchange Chris Lindop IHE Radiology Technical Committee and Thomas Vargocski IBM Watson</td>
</tr>
<tr>
<td>11.00am</td>
<td>Morning tea</td>
</tr>
<tr>
<td>11.30am</td>
<td>Diagnostic imaging and medical photography image exchange Chris Lindop IHE Radiology Technical Committee and Thomas Vargocski IBM Watson</td>
</tr>
<tr>
<td>12.30pm</td>
<td>IBM Watson - standards supporting medical data extraction and synthesis Thomas Vargocski IBM Watson</td>
</tr>
<tr>
<td>1.00pm</td>
<td>Lunch, demonstrations and discussion with vendors</td>
</tr>
</tbody>
</table>
| 2.00pm     | Medical devices - connecting to EMR Chris Lindop IHE Radiology Technical Committee  
Infusion pumps - connecting to electronic orders and reporting Dan Pettus BD Carefusion  
Security - medical devices and EMR connectivity Prof Trish Williams Flinders University  
HL7 FHIR - use in EMR integration and security Grahame Grieve HL7 International FHIR |
| 3.30pm     | Afternoon tea                                                           |
| 4.00pm     | Medical devices - connecting to EMR Chris Lindop IHE Radiology Technical Committee  
Infusion pumps - connecting to electronic orders and reporting Dan Pettus BD Carefusion  
Security - medical devices and EMR connectivity Prof Trish Williams Flinders University  
HL7 FHIR - use in EMR integration and security Grahame Grieve HL7 International FHIR |
| 5.00pm     | Workshop concludes                                                     |
**DAY ONE  Monday 7 August 2017**

**INTEGRATING AND CONNECTING CARE**

**CLINICAL INFORMATICS – ENHANCING CLINICAL PRACTICE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.30am</td>
<td>Registration opens</td>
</tr>
<tr>
<td>9.00am</td>
<td>OFFICIAL OPENING                                       Dr Mal Thatcher @MalThatcher Chair, HIC 2017 and Dr David Hansen @dhansen35 Chair, HISA</td>
</tr>
<tr>
<td>9.05am</td>
<td>Welcome to country Uncle Desmond Sandy Traditional Elder</td>
</tr>
<tr>
<td>9.15am</td>
<td>Remote connected care in the digital age Dr Kanav Kohal @kanavkohal General Secretary, Public Health Technologies Trust (pHTrust)</td>
</tr>
<tr>
<td>9.50am</td>
<td>Clinical champion for digital change - reflection on 30 years Dr Richard Ashby AM @eHealthQLD CEO and CIO, eHealth Queensland</td>
</tr>
<tr>
<td>10.10am</td>
<td>How SMACK Health and Karl Marx will change healthcare Matthew Holt @bottyboy Co-Chairman, Health 2.0 (USA)</td>
</tr>
<tr>
<td>10.30am</td>
<td>HISA announcements Dr David Hansen @dhansen35 Chair, HISA and Dr Louise Schaper @louise_schaper CEO, HISA</td>
</tr>
<tr>
<td>10.40am</td>
<td>Morning tea and poster viewing</td>
</tr>
</tbody>
</table>
| 11.10-12.40pm | **Hacking Health**  
|             | **Great Hall, Door 8**                                                                                      |
| 11.10am    | All HIC delegates are welcome to attend the pitches. You will watch participants pitch their ideas and teams start forming. One minute allocated to pitch per project idea.  |
| 11.40am    | Transforming Alberta’s referral experience: Connecting healthcare professionals Dr Allen Ausford @AllenAusford Clinical Professor University of Alberta (Canada)  |
| 11.55am    | Use of mobile health to improve patient adherence to the management of chronic pulmonary obstructive disease Dr Hang Ding @HealthResearch Research Scientist, The Australian E-Health Research Centre, CSIRO  |
| 12.10pm    | Enhancing general practitioners’ participation in a virtual community of practice for continuing medical education: An exploratory study Abdulaziz Murad @yeahbrett PhD Candidate, University of Melbourne  |
| 12.25pm    | Developing workforce competency in e-health through massive online open course and integrated model for e-health Prof Tim Shaw @Sydney Uni Professor of E-Health, University of Sydney  

**HICA Innovation Expo Opens**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
</table>
| 11.10-12.40pm | **Academic/Scientific**  
|             | **Mezzanine Level Room # 1**  
|             | **Chair:** Dr Sanjay Khanna  |
|             | **Clinical**  
|             | Models of care and clinical handover  
|             | Impact of an integrated electronic handover tool on Paediatric Junior Medical Staff (PJM) handover Dr James Liddle @CH Reinhardt Paediatric Registrar, Royal Children’s Hospital  |
|             | An e-health model of care for community treatment of hepatitis C: The HealthLink project Dr James Hardry @JamesHardry Gastroenterology and Hepatology Fellow, Royal Melbourne Hospital  |
|             | Transforming Alberta’s referral experience: Connecting healthcare professionals Dr Allen Ausford @AllenAusford Clinical Professor University of Alberta (Canada)  |
|             | Practical perspective: How to establish a hospital-wide digital handover Dr Brendan Lovelock @BrendanLovelock  |
| 11.10-12.40pm | **Workshop**  
|             | **Mezzanine Level Room # 2**  
|             | **Chair:** Dr Clair Sullivan  |
|             | **Precision medicine - trends and applications**  
|             | The workshop has been divided into two sessions dealing with the acquisition of knowledge and its translation into practice. At the end of each session participants and speakers will be asked to share their opinions and experiences in a roundtable discussion with the objective of identifying the key gaps and priorities for the delivery of precision medicine in Australia. Dr David Hansen @dhansen35 Chair, HISA and Dr Louise Schaper @louise_schaper CEO, HISA  |
| 11.10-12.40pm | **Digital Hospital Transformation**  
|             | **Mezzanine Level Room # 3**  
|             | **Chair:** Dr Brendan Lovelock  |
|             | **Bridges and barriers to transformation**  
|             | Welcome Dr Brendan Lovelock @BrendanLovelock Chair, HISA’s Digital Hospital Design  |
| 11.10-12.40pm | **Industry**  
|             | **Mezzanine Level Room # 4**  
|             | **Chair:** Phil Robinson  |
|             | **Clinical impact of technologies**  
|             | Integrated care - health navigator Emma Hossack CEO, Extensia  |
|             | The CHAID+ portal: Timely, local, comparative data on inpatient complications Dr Peter Nair @unimelb Principal Policy Advisor, Victorian Department of Health and Human Services  |
|             | Making clinical AI and decision support a reality through adaptive user interfaces Prof Malcolm Pradhan @malcolm CMPD, Ackidion  |
|             | Designing e-health products - unexpected lessons from three case studies Brett Warren @yeahbrett Designer and Co-Founder, Navy Design  |
|             | Clinical impact and value of workstation single sign-on Dr George Gellert @CHRISTUSHealth Associate CMO, CHRISTUS Health (USA)  |

**HISA Partner Breakfast**

**How Alberta Health has connected silos of information across a region to deliver economic savings and real benefits for patients (7.30-8.45am INVITE ONLY)**

**Mezzanine Level Room # 1**

**Chair:** Dr Sanjay Khanna

**Clinical informatics**

- Interacting with genomic data: Clinician requirements and prototype structure Dr Dana Bradford @Mediaresearch Senior Research Scientist, The Australian E-Health Research Centre, CSIRO
- Point-of-care testing across rural and remote emergency departments in Australia: Staff perceptions of operational impact Dr Maria Dahm @MariaDahm Postdoctoral Research Fellow, Macquarie University
- Socialising health burden through different network topologies: A simulation study A/Prof Simon Poone @Sydney Uni Associate Professor, University of Sydney

**Models of care and clinical handover**

- Impact of an integrated electronic handover tool on Paediatric Junior Medical Staff (PJM) handover Dr James Liddle @CH Reinhardt Paediatric Registrar, Royal Children’s Hospital
- An e-health model of care for community treatment of hepatitis C: The HealthLink project Dr James Hardry @JamesHardry Gastroenterology and Hepatology Fellow, Royal Melbourne Hospital

**Precision medicine - trends and applications**

- The workshop has been divided into two sessions dealing with the acquisition of knowledge and its translation into practice. At the end of each session participants and speakers will be asked to share their opinions and experiences in a roundtable discussion with the objective of identifying the key gaps and priorities for the delivery of precision medicine in Australia.
- Knowledge: Discovery A/Prof Marcel Dinger @MarcelDinger CIO, Genome One
- Knowledge: Evidence Dr Bianca Gallego Luxan @Macquarie Uni Lead Health Analytics Lab, Australian Institute of Health Innovation, Macquarie University

**Bridges and barriers to transformation**

- Welcome
- Dr David Hansen @dhansen35 Chair, HISA and Dr Louise Schaper @louise_schaper CEO, HISA

**Clinical impact of technologies**

- Integrated care - health navigator Emma Hossack CEO, Extensia
- The CHAID+ portal: Timely, local, comparative data on inpatient complications Dr Peter Nair @unimelb Principal Policy Advisor, Victorian Department of Health and Human Services
- Making clinical AI and decision support a reality through adaptive user interfaces Prof Malcolm Pradhan @malcolm CMPD, Ackidion
- Designing e-health products - unexpected lessons from three case studies Brett Warren @yeahbrett Designer and Co-Founder, Navy Design
- Clinical impact and value of workstation single sign-on Dr George Gellert @CHRISTUSHealth Associate CMO, CHRISTUS Health (USA)
12.40pm  Lunch and Innovation Expo

1.20pm  Poster session: Clinical case studies

1.20pm  Certified Health Informatician Australasia (CHIA) Induction Session

1.20pm  HIC Ignite

1.50-2.30pm  

<table>
<thead>
<tr>
<th>ACADEMIC/SCIENTIFIC</th>
<th>INDUSTRY</th>
<th>CLINICAL</th>
<th>WORKSHOP</th>
<th>DIGITAL HOSPITAL TRANSFORMATION</th>
<th>WORKSHOP</th>
</tr>
</thead>
<tbody>
<tr>
<td>GREAT HALL, DOOR 8</td>
<td>MEZZANINE LEVEL ROOM # 1</td>
<td>MEZZANINE LEVEL ROOM # 2</td>
<td>MEZZANINE LEVEL ROOM # 3</td>
<td>MEZZANINE LEVEL ROOM # 4</td>
<td>PLAZA LEVEL ROOM # 5</td>
</tr>
<tr>
<td>Chair: Angela Popas</td>
<td>Chair: Ann Marie Lindy</td>
<td>Chair: Dr Kudai Khoore</td>
<td>Chair: Dr Mark Santamaria</td>
<td>Chair: Dr Brendan Lovelock</td>
<td>Chair: Steve Nahuysen</td>
</tr>
</tbody>
</table>

3.05pm  Lunch and Innovation Expo

DAY ONE  MONDAY 7 AUGUST 2017 cont.
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.20pm</td>
<td>Afternoon tea, Innovation Expo and poster viewing</td>
</tr>
<tr>
<td>4.00pm</td>
<td>Can we fight cancer with big data? Dr Ken Carson @flatironhealth Senior Medical Director, Flatiron (USA)</td>
</tr>
<tr>
<td>4.30pm</td>
<td>Cognitive Informatics – understanding clinical work to design better systems Prof Johanna Westbrook @JWestbrook91 Director, Centre for Health Systems and Safety Research, Australian Institute of Health Innovation, Macquarie University</td>
</tr>
<tr>
<td>5.00pm</td>
<td>What e-health leaders and activists can learn from social movements Dr Helen Bevan @helenbevan Chief Transformation Officer - Horizon Group, NHS England (UK) (via video conference)</td>
</tr>
<tr>
<td>5.30pm</td>
<td>Day concludes</td>
</tr>
<tr>
<td>5.30-7.00pm</td>
<td>Networking reception, Innovation Expo and poster viewing</td>
</tr>
</tbody>
</table>
**INTEGRATING AND CONNECTING CARE – CLINICIAN, PATIENT, CARER AND CONSUMER**

**HISA Partner Breakfast**
Integrated and connected care (7.30-8.45am INVITE ONLY)

**GREAT HALL, DOOR 8**

**WORKSHOP**

**Biofabrication – the future of regenerative medicine is printing (parts of) humans**

Dr Sean Powell
@drseanpowell
Research Associate, Queensland University of Technology

Bridging the communication divide between health professionals and consumers

Alana Henderson
Managing Director, ReadyCare

**10.00am**
User centre design in connecting care

Matiu Bush
@matiubush
Design Integration Lead, RSL Care and RDN5

**10.30am**
Morning tea, Innovation Expo and poster viewing

**11.10am**
**ACADEMIC/SCIENTIFIC**

**INDUSTRY**

**MASTERCLASS**

**MASTERCLASS**

**WORKSHOP**

**WORKSHOP**

**INNOVATION EXPO**

**MEZZANINE LEVEL ROOM # 1**

**MEZZANINE LEVEL ROOM # 2**

**MEZZANINE LEVEL ROOM # 3**

**MEZZANINE LEVEL ROOM # 4**

**PLAZA LEVEL ROOM # 5**

**Chair:** Dr Jan Siche-Findlay

**Branko Cesnik**

**Award shortlist presentation**

**INTEGRATED CARE – REGIONAL AND REMOTE**

**Focus on mental health - linking primary and community care**

**Secure messaging / interoperability**

**Building digital health workforce capability**

**HISA’s Cybersecurity Community of Practice**

**11.10am**

**The development of a national census of the health information workforce:**

Dr Kerryn Butler-Henderson
@kerrynbutlerhenderson
Senior Lecturer, University of Tasmania

**What factors determine the use of an electronic test result acknowledgement system?**

A qualitative study across two EEs

Julie Li
@Macquarie_Ur
Research Assistant, Macquarie University

**SnoWAP:**
Pioneering the path for clinical coding to improve patient care

Dr Chair Sullivan
@DcSullivan23
Queensland Medical Lead Digital Health Improvement, Queensland Health and Princess Alexandra Hospital

**11.25am**
**INNOVATION EXPO**

**HACKING HEALTH**

**HACKING HEALTH ZONE, INNOVATION EXPO**

**...the games continue**

**11.40am**

**Access to specialist care for regional patients**

Colleen Birchley
@birchley
GM Telehealth, Telstra Health

An integrated planning solution for rural and remote health care

Aidan Hobbs
@aidanhobbs
Business Lead, Outreach, CheckUP

**Region-wide enterprise image management, reality or fantasy?**

Bart Thielen
@BartThielen
Managing Director, Sectra ANZ

**Innovation and collaboration – overcoming the obstacles in delivering healthcare**

Lucy Falciocchio
Health System Development Manager, Kimberley Aboriginal Medical Service

**Addressing primary care access challenges in regional and remote WA with after hours telehealth**

Dr Amandaep Hamra
@Amandaep_Hamra
ReadyCare CEO and Medical Director, Telstra ReadyCare

**Weekly hospital workforce data: A data visualisation exercise**

Yang Xie
@eHealthResearch
Postdoctoral Fellow, The Australian E-Health Research Centre, CSIRO

**11.55am**

**8**

**12.10pm**

**12.25pm**

**Q&A**

**HISA Award Nominee**
DAY TWO  TUESDAY 8 AUGUST 2017 cont.

12.40pm Lunch and Innovation Expo

12.50pm HISA AGM

1.20pm Poster session: Industry case studies

1.20pm HIC Ignite

1.50-3.20pm

ACADEMIC/SCIENTIFIC

INDUSTRY

WORKSHOP

WORKSHOP

WORKSHOP

INDUSTRY

GREAT HALL, DOOR 8

MEZZANINE LEVEL ROOM 1

MEZZANINE LEVEL ROOM 2

MEZZANINE LEVEL ROOM 3

MEZZANINE LEVEL ROOM 4

PLAZA LEVEL ROOM 5

Chair: Susan Smith

Chair: Dr Martin Soenoharso

Chair: Greg Moran

Chair: A/Prof Chris Bain

Chair: Dr John Zelcer

Chair: Dr Jon Carrano

Analytics and data

Integrated care - primary and community care

Feedback and training to improve use of an electronic prescribing system: A randomised control trial
Dr Melissa Baysari
@Macquarie_Uni
Senior Research Fellow, Macquarie University

Better connecting Queensland general Practitioners (GPs) and public hospitals
Lynda Miller
@HealthQLD
Principal Business Change Manager, eHealth Queensland and
Narelle Doss
@QldHealthnews
Director Clinical Excellence Division, Queensland Health

Electronic Health Record (EHR) and Electronic Content Management (ECM) roles in integrated and connected care
Laura Petriomica
@HylandSoftware
Customer Advisor and Consultant, Hyland Software, USA

HealthInfo and My Health Record benefits realisation in a pilot trial at Nepean Blue Mountains Jo-Anne Wood
@HealthNSW
Benefits Realisation Lead, eHealth NSW

HISA's Innovating Health Series outcomes will be presented: “Creating a New Conversation.”
Key priorities on health system innovation will be debated and discussed.

In this workshop we will examine the constructs of usability and user experience, EU0 and what constitutes good UX and usability. We will consider - through the experience of key experts with real world experience - what usability and UX problems look like on the ground and how they can be addressed.

What problems are we trying to solve? A/Prof Chris Bain
@HealthTechUX
Chair, HISA's UX Community of Practice

Where the rubber hits the road - UK at the frontline
Malibu Bush
@malibu_bush
Design Integration Lead, RSL Care and RDNS

This interactive workshop will allow participants to understand the intention, framing, components and sources of the guidelines, to help identify areas for further development, and to understand how to potentially apply the guidelines in their specific individual or organisational context.

...the games continue

Hacking Health

Health AIDE: Health analytics and information in the deployed environment
Aija Settenreitara
@Oracle
Client Advisor, Defence, Oracle and
Jay Belton
@ThalesAustralia
Operations Specialist Deployed Military ICT, Thales Australia

Seeing the divide: A new approach to the visualisation of gendered data
Glenn Cockerton
@SpatialVisualA
Managing Director, Spatial Vision

The idea is to build a solution that addresses the stated problem and demonstrate value in connected health, as well as provide a springboard for feedback and further iteration. Not a shippable commercial product.

The prototype may be used to help funding and support for further development.

1.05pm

Improved prediction of procedure duration for elective surgery

Dr Zahrin Shiahbazar
@HealthResearch
Data Analyst, The Australian E-Health Research Centre, CSIRO

A spatial dashboard for Alzheimer’s disease in New South Wales

Hamish Robertson
@HL_Robertson
Doctoral Candidate, University of New South Wales

PO Buddy: Mobile technology can provide support in home-based peritoneal dialysis to patients with chronic kidney disease
Dr Manuel Gonzalez Garcia
@HealthResearch
Postdoctoral Fellow, The Australian E-Health Research Centre, CSIRO

Unplanned return to hospital care: A linked data study
Kathy Smith
@NSWHealth
Manager, Performance Analysis, NSW Health and
Lisa Capamagan
@UCapamagan
Corporate Development Manager, Tunki Healthcare

Unplanned return to hospital care: A linked data study
Kathy Smith
@NSWHealth
Manager, Performance Analysis, NSW Health and
Lisa Capamagan
@UCapamagan
Corporate Development Manager, Tunki Healthcare

Chronic disease: Creating a brighter future with connected health
Lydia Miller
@HealthQLD
Principal Business Change Manager, eHealth Queensland and
Narelle Doss
@QldHealthnews
Director Clinical Excellence Division, Queensland Health

Innovating Health - Bringing it together
HISA’s UX

Usability and User Experience (UX) - stories from the front lines

Applying the HISA E-Safety Guidelines

Data use, impact and action

Hacking Health

Health AIDE: Health analytics and information in the deployed environment
Aija Settenreitara
@Oracle
Client Advisor, Defence, Oracle and
Jay Belton
@ThalesAustralia
Operations Specialist Deployed Military ICT, Thales Australia

Seeing the divide: A new approach to the visualisation of gendered data
Glenn Cockerton
@SpatialVisualA
Managing Director, Spatial Vision

The idea is to build a solution that addresses the stated problem and demonstrate value in connected health, as well as provide a springboard for feedback and further iteration. Not a shippable commercial product.

The prototype may be used to help funding and support for further development.

1.05pm

Improved prediction of procedure duration for elective surgery

Dr Zahrin Shiahbazar
@HealthResearch
Data Analyst, The Australian E-Health Research Centre, CSIRO

A spatial dashboard for Alzheimer’s disease in New South Wales

Hamish Robertson
@HL_Robertson
Doctoral Candidate, University of New South Wales

PO Buddy: Mobile technology can provide support in home-based peritoneal dialysis to patients with chronic kidney disease
Dr Manuel Gonzalez Garcia
@HealthResearch
Postdoctoral Fellow, The Australian E-Health Research Centre, CSIRO

Unplanned return to hospital care: A linked data study
Kathy Smith
@NSWHealth
Manager, Performance Analysis, NSW Health and
Lisa Capamagan
@UCapamagan
Corporate Development Manager, Tunki Healthcare

Unplanned return to hospital care: A linked data study
Kathy Smith
@NSWHealth
Manager, Performance Analysis, NSW Health and
Lisa Capamagan
@UCapamagan
Corporate Development Manager, Tunki Healthcare

Chronic disease: Creating a brighter future with connected health
Lydia Miller
@HealthQLD
Principal Business Change Manager, eHealth Queensland and
Narelle Doss
@QldHealthnews
Director Clinical Excellence Division, Queensland Health

Innovating Health - Bringing it together
HISA’s UX

Usability and User Experience (UX) - stories from the front lines

Applying the HISA E-Safety Guidelines

Data use, impact and action

Hacking Health

Health AIDE: Health analytics and information in the deployed environment
Aija Settenreitara
@Oracle
Client Advisor, Defence, Oracle and
Jay Belton
@ThalesAustralia
Operations Specialist Deployed Military ICT, Thales Australia

Seeing the divide: A new approach to the visualisation of gendered data
Glenn Cockerton
@SpatialVisualA
Managing Director, Spatial Vision

The idea is to build a solution that addresses the stated problem and demonstrate value in connected health, as well as provide a springboard for feedback and further iteration. Not a shippable commercial product.

The prototype may be used to help funding and support for further development.

1.05pm

Improved prediction of procedure duration for elective surgery

Dr Zahrin Shiahbazar
@HealthResearch
Data Analyst, The Australian E-Health Research Centre, CSIRO

A spatial dashboard for Alzheimer’s disease in New South Wales

Hamish Robertson
@HL_Robertson
Doctoral Candidate, University of New South Wales

PO Buddy: Mobile technology can provide support in home-based peritoneal dialysis to patients with chronic kidney disease
Dr Manuel Gonzalez Garcia
@HealthResearch
Postdoctoral Fellow, The Australian E-Health Research Centre, CSIRO

Unplanned return to hospital care: A linked data study
Kathy Smith
@NSWHealth
Manager, Performance Analysis, NSW Health and
Lisa Capamagan
@UCapamagan
Corporate Development Manager, Tunki Healthcare

Unplanned return to hospital care: A linked data study
Kathy Smith
@NSWHealth
Manager, Performance Analysis, NSW Health and
Lisa Capamagan
@UCapamagan
Corporate Development Manager, Tunki Healthcare

Chronic disease: Creating a brighter future with connected health
Lydia Miller
@HealthQLD
Principal Business Change Manager, eHealth Queensland and
Narelle Doss
@QldHealthnews
Director Clinical Excellence Division, Queensland Health

Innovating Health - Bringing it together
HISA’s UX

Usability and User Experience (UX) - stories from the front lines

Applying the HISA E-Safety Guidelines

Data use, impact and action

Hacking Health

Health AIDE: Health analytics and information in the deployed environment
Aija Settenreitara
@Oracle
Client Advisor, Defence, Oracle and
Jay Belton
@ThalesAustralia
Operations Specialist Deployed Military ICT, Thales Australia

Seeing the divide: A new approach to the visualisation of gendered data
Glenn Cockerton
@SpatialVisualA
Managing Director, Spatial Vision

The idea is to build a solution that addresses the stated problem and demonstrate value in connected health, as well as provide a springboard for feedback and further iteration. Not a shippable commercial product.

The prototype may be used to help funding and support for further development.
### DAY TWO  TUESDAY 8 AUGUST 2017 cont.

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.20pm</td>
<td>Afternoon tea, Innovation Expo and poster viewing</td>
</tr>
</tbody>
</table>
| 4.00pm | Managing the wellness revolution: How social and demographic change are reshaping the healthcare industry in Australia  
**Bernard Salt AM @BernardSalt** Managing Director, The Demographics Group  
HISA Q&A Panel facilitated by **Tony Jones @TonyJones_qanda** Host of Q&A, ABC TV  
Time to think differently. The realities of connecting healthcare in Australia require more progressive thinking and action  
**Dr Richard Ashby @eHealthQLD** CEO and CIO, eHealth Queensland; **Lucy Falcocchio** Health System Development Manager, Kimberley Aboriginal Medical Service; **Dr Kanav Kahol @kanavkahol** General Secretary, Public Health Technologies Trust (India); **Bernard Salt AM @BernardSalt** Managing Director, The Demographics Group;  
**Dr Clair Sullivan @clairsullivan23** Queensland Medical Lead Digital Health Improvement, Queensland Health and Princess Alexandra Hospital |
| 4.30pm |  
**HISA Q&A Panel** facilitated by **Tony Jones @TonyJones_qanda** Host of Q&A, ABC TV  
**Dr Richard Ashby @eHealthQLD** CEO and CIO, eHealth Queensland; **Lucy Falcocchio** Health System Development Manager, Kimberley Aboriginal Medical Service; **Dr Kanav Kahol @kanavkahol** General Secretary, Public Health Technologies Trust (India); **Bernard Salt AM @BernardSalt** Managing Director, The Demographics Group;  
**Dr Clair Sullivan @clairsullivan23** Queensland Medical Lead Digital Health Improvement, Queensland Health and Princess Alexandra Hospital |
| 5.30pm | Day concludes |
| 5.30-6.00pm | Queensland attendees get together |
| 7.00-11.00pm | Gala Awards Dinner |
DAY THREE  WEDNESDAY 9 AUGUST 2017

INTEGRATING AND CONNECTING CARE

DIGITAL INNOVATION AND CHANGE

7.30am  Registration opens

9.00am  Emerging clinical leaders  Dr Kudzai Kanhutu  Infectious Diseases Physician / Telehealth Clinical Lead, Melbourne Health  Dr Martin Seneviratne  @martin_sen  Research Fellow in Biomedical Informatics, Stanford University  Dr Justin Wong  @OnCallogist_Inc  Co-Founder, Oncallogist

9.30am  Driving the national digital health agenda  Tim Kelsey  @tkelsey1  CEO, Australian Digital Health Agency

10.00am  Digital disruption of healthcare: Making care more productive and personalised  Dr Kaveh Safavi  @drkavehsafavi  Senior Managing Director, Health Industry, Accenture Health (USA)

10.30am  Morning tea, Innovation Expo and poster viewing

11.10-12.40pm  Hacking Health

11.10am  Hacking Health demos

11.10am  The digital health guide: Bridging the digital divide between engaged patients and health providers  Tim Blake  @timblake1978  Managing Director, Semantic Consulting

11.25am  REDCap under FHIR: Enhancing electronic data capture with FHIR capability  Dr Hugo Leroux  @HugoLeroux  Research Scientist, The Australian E-Health Research Centre, CSIRO

11.40am  Remote medical second opinion service for Australians facing mental health issues  Sylvie de Swardt  CEO, Wellcare International

11.55am  Q&A

12.10pm  My RCH Portal: Balancing risk and expectations to offer RCH patients and families a better healthcare experience  Jane Widdison  @RCHMelbourne  Director Risk and Information Management, Royal Children’s Hospital

12.25pm  Q&A

DAY THREE  WEDNESDAY 9 AUGUST 2017

INTEGRATING AND CONNECTING CARE

DIGITAL INNOVATION AND CHANGE

7.30am  Registration opens

9.00am  Emerging clinical leaders  Dr Kudzai Kanhutu  Infectious Diseases Physician / Telehealth Clinical Lead, Melbourne Health  Dr Martin Seneviratne  @martin_sen  Research Fellow in Biomedical Informatics, Stanford University  Dr Justin Wong  @OnCallogist_Inc  Co-Founder, Oncallogist

9.30am  Driving the national digital health agenda  Tim Kelsey  @tkelsey1  CEO, Australian Digital Health Agency

10.00am  Digital disruption of healthcare: Making care more productive and personalised  Dr Kaveh Safavi  @drkavehsafavi  Senior Managing Director, Health Industry, Accenture Health (USA)

10.30am  Morning tea, Innovation Expo and poster viewing

11.10-12.40pm  Hacking Health

11.10am  Hacking Health demos

11.10am  The digital health guide: Bridging the digital divide between engaged patients and health providers  Tim Blake  @timblake1978  Managing Director, Semantic Consulting

11.25am  REDCap under FHIR: Enhancing electronic data capture with FHIR capability  Dr Hugo Leroux  @HugoLeroux  Research Scientist, The Australian E-Health Research Centre, CSIRO

11.40am  Remote medical second opinion service for Australians facing mental health issues  Sylvie de Swardt  CEO, Wellcare International

11.55am  Q&A

12.10pm  My RCH Portal: Balancing risk and expectations to offer RCH patients and families a better healthcare experience  Jane Widdison  @RCHMelbourne  Director Risk and Information Management, Royal Children’s Hospital

12.25pm  Q&A

Hacking Health team's will demonstrate their proposed solutions in 2 minute presentations. Teams will be asked to specifically address how they connect care and what value they contribute to the health system, health practitioners, patients, consumers etc. This is fast paced and fun! The top 5 will feature in the final Plenary for Awards.

12.10pm  My RCH Portal: Balancing risk and expectations to offer RCH patients and families a better healthcare experience  Jane Widdison  @RCHMelbourne  Director Risk and Information Management, Royal Children’s Hospital

12.25pm  Q&A
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.40pm</td>
<td>Lunch, Innovation Expo and poster viewing</td>
<td>INNOVATION EXPO</td>
</tr>
<tr>
<td>12.50pm</td>
<td>Certified Health Informatician Australasia (CHIA) Q&amp;A</td>
<td>HISA ZONE, INNOVATION EXPO</td>
</tr>
<tr>
<td>1.20pm</td>
<td>HIC Ignite</td>
<td>UNITED ZONE, INNOVATION EXPO</td>
</tr>
<tr>
<td>1.30pm</td>
<td>Poster session: Academic/Scientific papers</td>
<td>POSTER ZONE, INNOVATION EXPO</td>
</tr>
<tr>
<td>1.30pm</td>
<td>Precision Medicine community of practice</td>
<td>MEZZANINE LEVEL ROOM # 2</td>
</tr>
<tr>
<td>2.00pm</td>
<td>Australian industry perspectives on innovation - its application to healthcare</td>
<td>GREAT HALL, DOOR 8</td>
</tr>
<tr>
<td>2.30pm</td>
<td>Of fetishes and technology: The politics, public policy and human face of health innovation</td>
<td></td>
</tr>
<tr>
<td>3.00pm</td>
<td>&lt;&gt; Hacking Health top 5</td>
<td></td>
</tr>
<tr>
<td>4.00pm</td>
<td>Thank you and summary Dr Mal Thatcher @MalThatcher Chair, HIC 2017</td>
<td></td>
</tr>
<tr>
<td>4.15pm</td>
<td>Introduction to HIC 2018 in Sydney Dr Robin Mann Chair, HIC 2018</td>
<td></td>
</tr>
<tr>
<td>4.20pm</td>
<td>HIC 2017 farewell Dr David Hansen @dhansen35 Chair, HiSA and Dr Louise Schaper @louise_schaper CEO, HiSA</td>
<td></td>
</tr>
<tr>
<td>4.30pm</td>
<td>Conference concludes</td>
<td></td>
</tr>
</tbody>
</table>
POSTERS

**INTEGRATING AND CONNECTING CARE**

**POSTERS** CLINICAL CASE STUDIES CHAT TO THE AUTHORS DURING MONDAY LUNCH (1.20-1.50pm) INNOVATION EXPO

Improving medicine outcomes with consumer online information and resources  
Dr Michael Araco @healthdirectAU  
Healthdirect Australia

By the users, for the users: An RMO-led service improvement project examining eForm usability  
Dr Rowan Ellis @WAHealth  
Fiona Stanley Hospital

Electronic discharge summaries and EMRs - experience of a paediatric institution  
Merav Katz @unimelb  
University of Melbourne

Streamlining surgeries: Digital preference card for surgical item management  
Dr Jane Li @ehealthresearch  
The Australian E-Health Research Centre, CSIRO

Patient-centric rollout of eMM at Western Sydney  
AProf Simon Poon @Sydney_Uni  
University of Sydney

A thematic analysis of health data sharing barriers and information blocking from the HIQA survey for the Productivity Commission  
Susan Smith @MetroNorthHHS  
The Prince Charles Hospital, Metro North Hospital and Health Service

**POSTERS** INDUSTRY CASE STUDIES CHAT TO THE AUTHORS DURING TUESDAY LUNCH (1.20-1.50pm) INNOVATION EXPO

Fraser health authority: Forming an interconnected information system to support clinicians  
Dani Arousi @Allscripts  
Allscripts

Berkshires health systems: Journey into population health  
Dani Arousi @Allscripts  
Allscripts

Reducing unplanned hospital re-admissions: Evaluation of alternative models of care  
Emily Bariola @ehealthresearch  
The Australian E-Health Research Centre, CSIRO

Improving aged care by empowering families and staff with real-time information  
Laura Hunt @Invision

Enterprise architecture - do you need an organisational health-check?  
Dr Damian Claydon-Platt @DocDamian  
Epworth Healthcare

Delivering patient ID, safety and information management in healthcare  
Albert de Boer @PrintDATA

The discharge summary - dinosaur or stepping stone?  
Dr David Evans @qldhealthnews  
Queensland Health

mHealth interactive system to support the management of women with a first time diagnosis of Gestational Diabetes Mellitus  
Dr Manuel Gonzalez Garcia @ehealthresearch  
The Australian E-Health Research Centre, CSIRO

Deep learning for medical free-text classification  
Dr Hamed Hassanzadeh @ehealthresearch  
The Australian E-Health Research Centre, CSIRO

Lessons learned from the world’s largest cloud computing company and their applications to healthcare  
Kristy Henderson @GetzClinical  
Getz Clinical

Chronic disease: Connected health solutions reducing hospital admissions and increasing patient support  
Kate Jolly @TunstallAPAC  
Tunstall Healthcare

Towards a workflow-centric, context-aware clinical application framework  
Dr Zoran Milosevic @Deontik

Assessing user acceptance and resistance to the implementation of eMM System: A theoretical model development  
A/Prof Simon Poon @Sydney_Uni  
University of Sydney

Developing mobile health apps for Australia: What is good practice? A systematic review and meta-analysis  
Robab Abdolkhani @unimelb  
University of Melbourne

SAM: Smart Asthma Monitoring using mobile technologies, smart environments and machine learning  
Dr Valerie Gay @UTSEngage  
University of Technology Sydney

Recently announced “recommendations for the safe use of radio waves in Japanese hospitals”  
Prof Eisuke Hanada @Saga  
Saga University Graduate School of Science and Engineering (Japan)

Information technology based youth nutrition improvement interventions  
Prof Anthony Maeder @anthonymaeder  
Flinders University

Towards a workflow-centric, context-aware clinical application framework  
Dr Zoran Milosevic @Deontik

Fighting Mild Cognitive Impairment (MCI) with mind and body fitness: Characterising physical exercise and computer-based cognitive training interventions  
Dr Luca Perimal-Lewis @Flinders  
Flinders University - Digital Health Research Centre

Assessing user acceptance and resistance to the implementation of eMM System: A theoretical model development  
A/Prof Simon Poon @Sydney_Uni  
University of Sydney

A preliminary study to establish baseline state of medication reconciliation to compare the effectiveness of eMEDs Med Rec tool  
Milan Vaghasiya @Sydney_Uni  
University of Sydney

Practical use of artificial intelligence for clinical staff other than physicians  
Koki Wada @Flinders  
Flinders University

**POSTERS** ACADEMIC/SCIENTIFIC CHAT TO THE AUTHORS DURING WEDNESDAY LUNCH (1.30-2.00pm) INNOVATION EXPO

Developing mobile health apps for Australia: What is good practice? A systematic review and meta-analysis  
Robab Abdolkhani @unimelb  
University of Melbourne

SAM: Smart Asthma Monitoring using mobile technologies, smart environments and machine learning  
Dr Valerie Gay @UTSEngage  
University of Technology Sydney

Recently announced “recommendations for the safe use of radio waves in Japanese hospitals”  
Prof Eisuke Hanada @Saga  
Saga University Graduate School of Science and Engineering (Japan)

Information technology based youth nutrition improvement interventions  
Prof Anthony Maeder @anthonymaeder  
Flinders University

Towards a workflow-centric, context-aware clinical application framework  
Dr Zoran Milosevic @Deontik

Fighting Mild Cognitive Impairment (MCI) with mind and body fitness: Characterising physical exercise and computer-based cognitive training interventions  
Dr Luca Perimal-Lewis @Flinders  
Flinders University - Digital Health Research Centre

Assessing user acceptance and resistance to the implementation of eMM System: A theoretical model development  
A/Prof Simon Poon @Sydney_Uni  
University of Sydney

A preliminary study to establish baseline state of medication reconciliation to compare the effectiveness of eMEDs Med Rec tool  
Milan Vaghasiya @Sydney_Uni  
University of Sydney

Practical use of artificial intelligence for clinical staff other than physicians  
Koki Wada @Flinders  
Flinders University
Amelie.AI powering the future of mental health and wellbeing Julian Bright and Dr Adrian Medhurst @amelieapp Co-founders, Amelie

How is your organisation disinfecting mobile devices today? David Perry @PeacockBros Peacock Bros

Predictive analytics is not a dashboard Roisin Dunne @Change_HC Change Healthcare

How to build a hospital in the cloud Dean Robertson @deanrobertson CEO, Mexia

End user driven electronic clinical record development - critical integrative centrality in the health care axis A/Prof Michael Sandow Wakefield Orthopaedic Clinic

MedLink Eamonn McWilliam @humanscale Managing Director, Humanscale Healthcare

MUMMATTERS: A digital tool promoting early intervention for perinatal depression Emma Green @BupaAustralia Bupa

3D wound care Sean O’Donnell Hivetec Australia

WannaCry? Responding to cyber incidents - lessons learned from a digital hospital downtime Leah Davis @CairnsHHS Cairns Hinterland Hospital and Health Service

My health memory - outpatient app with eMR integration Ben Williams @OneviewHC Oneview Healthcare

Interoperability case studies Dani Arousi @Allscripts Allscripts

The informatics conundrum Louise Hayes @EY_Australia EY

My Health Record trial lessons learnt Sarah Smeekens @nbmphn Nepean Blue Mountains PHN