

# Interactive E-Health

**H**ealthBeyond: The Interactive E-Health Experience is a virtual world, not a tradeshow, in which healthcare professionals and consumers can lose themselves amongst some of the most advanced technology and innovation this industry has ever seen.

There will be no salespeople in suits and ties, just a free experiential exhibition of grand proportions where decision makers are given a unique opportunity to see and trial the latest advances without the pressure of a sales pitch.

HealthBeyond will be launched at the Brisbane Convention and Exhibition Centre, alongside HIC 2011, the southern hemisphere's largest and most respected e-health event. On August 1 HealthBeyond will open its doors and invite you inside this Australian first.

HealthBeyond is the brainchild of HISA CEO Dr Louise Schaper who says the concept builds on the HealthBeyond Consumer E-Health Day that HISA held with the National E-Health Transition Authority in May 2009.

"While that event was a success, I wanted to create something that would truly take e-health to the masses, to educate, advocate and inform Australian consumers and health professionals on the scope of e-health and their role in a healthcare future enabled by e-health. We are really excited at what we are creating with HealthBeyond!"

Schaper says HealthBeyond will comprise various 'sets' – designed to transport visitors into real-life settings and to experience how e-health technologies and processes can be integrated into that setting.

"For example: a personally controlled electronic health record that is utilised by the consumer, in the doctor surgery and at the community pharmacy; a telehealth video consultation that occurs in a GP office, a specialist centre and within the comfort of a person's own lounge room; and, a gaming device played by residents in a nursing home which is used as part of a therapeutic physiotherapy program," Schaper says. "Where possible, HealthBeyond will be staffed by 'real' health professionals, consumers and e-health experts who take the visitor on a journey through this virtual e-health world."

Laura Salvatore the Executive Producer of HealthBeyond, explains how the exhibition will give us a taste of the future of healthcare.

"Not coming from a healthcare



HISA CEO  
Dr. Louise Schaper

background myself, I'm absolutely astounded by the innovations that are available, or currently being developed. The concept of a paperless hospital is mind-blowing, and the personally controlled electronic health record (PCEHR) is set to revolutionise the way we interact with our healthcare team."

"Our aim is for visitors to HealthBeyond to see and play with a range of technologies. Some of the technologies and concepts on display may include barcodes for false teeth, 'virtual pregnancy', sensed incontinence pads, specialist consults from the comfort of your own couch, and being able to collect medication from a pharmacy using an electronic prescription," she says.

HealthBeyond's mission is to close the gap through effective promotion of e-health literacy amongst healthcare professionals and the general public. It is designed to educate and inform through engagement that motivates and excites people.

The main areas of focus for the sets within HealthBeyond are Hospital, General Practice, Aged Care, 'At Home', Preventative/Wellness, Telehealth and Community Care. Each setting will have a dedicated area in which one can step inside and see how the technology integrates into a real-life scenario. "What I'm trying to



create an IKEA style experience – a time portal where you get 'lost' in our e-health virtual world, but come out at the other side with a blue bag full of goodies and an allen key. However, unlike IKEA, we will have tour guides!"

Step inside the Rose Creek Nursing Home. Chat to real life carers about the systems they use. Experience a telehealth consult with grandma from the couch. See how robots can assist with the care of elderly residents. Learn how a barcoding system will save nurses time which they can then use more effectively. See how residents can use brain training devices to keep their

## AGPN E-HEALTH CONFERENCE 2011 – "DELIVERING THE E-HEALTH CHANGE"

After the success of the Australian General Practice Network's inaugural E-Health Conference last year, AGPN is building an even greater event by partnering with the Health Informatics Society of Australia (HISA) to co-locate their conference with the Health Informatics Conference 2011.

Being at the forefront of the e-health agenda is paramount for clinicians, consumers, policy makers and vendors as Australia's healthcare sector moves rapidly towards restructuring its electronic administrative processes.

To capture this momentum, the Australian General Practice Network (AGPN) is once again hosting a National E-Health conference which will build on last year's success.

We are on the cusp of launching the

Personally Controlled Electronic Health Record and with the availability of Medicare rebates for telehealth consultations, adapting and responding to this new e-enabled healthcare environment will be the focus of AGPN's conference.

AGPN's E-Health conference is scheduled a month into the new primary health care organisational landscape in which Medicare Locals will be operational as the remaining Divisions of General Practice continue to evolve to become the Medicare Locals of the future.

AGPN's E-Health Conference runs from Monday 1 to Tuesday 2 August 2011 at the Brisbane Convention and Exhibition Centre. Further information can be found at <http://www.agpn.com.au/about-us/agpn-events/agpn-ehealth-conference>

### BRIGHT MINDS MEET FOR DIGITAL HOSPITAL DESIGN

A shared interest in developing and applying specialist knowledge for the community's good, will see architects, engineers, designers, IT professionals and clinicians converge at the Digital Hospital Design Workshop, at HIC2011.

The first DHD Workshop, which premiered in Australia last year, was such a success. HIC conference organisers have brought the event back this year to focus on hospital emergency departments.

Health services are facing increasing challenges with a growing ageing population, increasing challenges with mental health, and a constant requirement to do more with shrinking resources. Providing high quality, equitable and affordable health is a major challenge for all societies.

The Digital Hospital Design workshop is an opportunity for clinicians, IT and facility planners to consider the issues and generate ideas to address the challenges of healthcare delivery.

Ian Gibson, a member of HIC's DHD Strategic Advisory Committee, said an innovative 'Mash Up' approach would be applied to the one and a half day program.

"The Digital Hospital Design Mash Up is a multidisciplinary approach to rapidly consider the challenges of improving health care by focussing on the emergency department as a microcosm of the health service challenge. It will engage clinicians, change managers, IT professionals, architects and engineers in a workshop approach to consider the challenges and current approaches to improving health services," he said.

As the gateway into acute care, the emergency department is under siege. There is a widening and often reported gap between rising demand and the ability of our healthcare system to meet expectations and deliver timely, high quality healthcare services.

Addressing the increased demands to deliver both high quality and equitable care is a major national challenge. This event will bring together leading clinical, architectural and health IT expertise to examine how to deliver these solutions.

It runs from Aug. 1- 2, at the Brisbane Convention and Exhibition Centre.. [www.hisa.org.au/hic2011](http://www.hisa.org.au/hic2011)



### "Following the launch in Brisbane, a 26 city roadshow is planned to coincide with the release of the PCEHR in 2012."

minds sharp, take part in aerobics classes, or play interactive video games with eager grandchildren on visits.


"In the aged care set, for example, we want to reduce some of the stigma and show that nursing homes are a hotbed for technology innovation. Many residential facilities have both low and high end technology used by carers and by the residents themselves. E-health technologies can ensure carers have the right information they need, about the right person at the right time; but technologies are also be used by residents to aid in keeping them well and as recreational devices and tools for social connectedness."

Following the launch in Brisbane, a 26 city roadshow is planned to coincide with the release of the PCEHR in 2012. While challenging from a logistics stand point, Salvatore is up for the challenge. "It has always been a priority for us to take HealthBeyond to rural and regional locations and we have received a great response from local communities."

"Our healthcare providers in rural and

remote communities face challenges their metro counterparts don't. E-health, sharing information electronically, being able to do consults via telehealth and to use telehealth and online technologies to consult with specialists, participate in continuing professional development and just staying in touch is of great import for delivering high quality healthcare 'in the bush'. That's why it is absolutely imperative that we go off the beaten track - we might not quite make it to Oodnadatta, but we'll get as close as we can!"

"From the moment we sent out the expression of interest, we were contacted by several health service districts who wanted to make sure we were bringing HealthBeyond to them. The support has been tremendous and I'm looking forward to 2012 as we take this experiential expo to the masses. We will do our best to ensure there won't be a corner of this great wide land that we don't touch."

"Join us on this journey to bring your vision to life and create a future enabled by e-health. For further information, please visit [www.healthbeyond.org.au](http://www.healthbeyond.org.au)." 

### CELEBRATING AGED CARE INFORMATICS

The 2011 Aged Care Informatics Conference will be an important occasion to celebrate the achievements, the people, the systems, and Australia's world-class aged care informatics, research developments and implementations.

The conference is for the e-health and aged care informatics community to share and network with peers and be part of the movement to support health reform for Australia and the region.

The conference will have a busy program, including a breakfast presentation, for which Eric Dishman, Director, Health

Innovation and Policy, Intel Corporation, the world leader in the field, will present the current status of IT innovation in home care. There are also plenary speakers, presentations, panel discussions and workshops on local, state, and international experiences, programs and research.

The conference will highlight advances in the informatics field where we are at, what is needed and where we are going.

The 2011 Aged Care Informatics Conference welcomes all people with an interest in aged care and the application in the sector to join them for this event.