



HEALTH TECH
SPRING

Event

Programme

29th - 30th April 2024
The Titanic Building, Belfast

POWERED BY



HIRANI
Advocate ↔ Collaborate ↔ Integrate

WHO ARE WE

HIRANI & the NI Launchpad

HIRANI is a Northern Ireland not-for profit alliance representing industry, health and social care, academia and government with a remit to drive collaboration and connectivity across health and life sciences stakeholders and acts as a front door to NI's impressive resources and expertise within the region.

Over the last four years HIRANI have been connecting and enabling the Northern Ireland Life and Health Sciences ecosystem and are delighted to have been awarded the Innovate UK Launchpad management contract to provide wraparound life sciences' business support for Northern Ireland's Life & Health Sciences Cluster.

The Launchpad is worth £7.5 million and £1.9 million has already been allocated to 14 NI Innovative companies.

HIRANI will be sharing all details of upcoming funding throughout 2024 so make sure you are on our mailing list by emailing your name and contact details to info@hira-ni.com

We are also setting up a mentoring network for innovators.

Why do Northern Ireland innovators need mentors?

Health and Life Sciences is the fastest growing sector in Northern Ireland. Nearly doubling in size since 2020, and responsible for 15% of our economy and >75% of the spin-outs are in this sector and consequently, NI has been recognised as an Innovate UK life science launchpad to provide ecosystem support for innovators. We are also aware of fantastic expertise present across professionals in NI, who would like to hear more about new technologies in development and help shape their journey. This knowledge transfer to support innovators along

the commercial journey and the view of a 'critical friend' or mentor will help NI harness this investment, realise the potential for future health and wealth across the region.

Recognising this gap in the market in NI for bespoke life science connections, we are very excited to launch our mentoring network. Our goal is to create robust cross sectoral connections to facilitate innovators navigate the commercial journey and give mentors insights on the technologies within the ecosystem.

This will be the first programme of its kind in Northern Ireland focused on innovators who have already formulated their life science business idea, honing in on the key skills essential in the innovation pipeline.

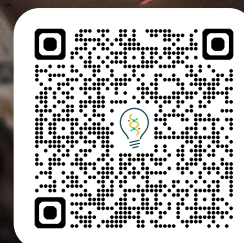
Whether it's understanding product market fit, develop a compelling value proposition or business model, and navigating the route to market.

We hope you will join us on this journey where innovation meets expertise and seize this opportunity and get involved in propelling the life and health science in Northern Ireland.

We have 24 mentors available with hundreds of years of experience between them.

For more information on how to get a mentor, email emma.mccarley@hira-ni.com

"Welcome to our first Health Tech Spring 2024 conference. This event builds on the momentum of innovation for the fastest growing sector in Northern Ireland. Life and health sciences innovation is complex, as highlighted in our health and wealth report, (scan the QR code below to read the full report). There are long timelines, limited budgets and many barriers to reach patients and the waiting market. I hope this event delivers HIRANI's mission: to support our sector's ambitions through framing immense challenges, developing good agility, skills, market awareness and to make 'great connections' to harness our potential." - Joann Rhodes, CEO HIRANI



Scan QR Code to Read Full Report



Life Sciences, Life Support

MASTERCLASSES

+ EXHIBITORS

DAY ONE

29th April 2024

1.30pm to 6.30pm

(The Andrews Gallery)

Taking place in The Andrews Gallery on the second floor of the Titanic Building in Belfast, our Life Sciences, Life Support event will showcase everything from funding to design, regulation to promotion – all you need to know to start or expand your innovation journey.

With 20 exhibitors, masterclasses, legal clinics and networking events – this is a day not to be missed for anyone involved with, or interested in, NI Health and Life Science. From communications to legal, finance, investment and regulatory workshops, the event will provide opportunities for innovators to network and connect with the support they need to progress their idea from concept to market.

Exhibitors include:

Department of Business and Trade, IntertradeIreland, Big Motive, HSCNI R&D, Centre for Process Innovation (CPI), Invest Northern Ireland, Wolffsohn Research, ABHI, Innovate UK, ARC Regulatory, ALMAC, Queen's University Belfast, Business Services Organisation HSCNI, Ulster University and Mooney Media.

Overview of Masterclasses

- | | |
|--------|---|
| 1.30pm | Designing for Adoption with Colum Lowe , Director, Design Age Institute at the Royal College of Art |
| 2.00pm | Accelerator funding and Health Innovation Networks with Dr. Neville Young , Yorkshire and Humber Health Innovation Network |
| 2.30pm | Pilots, partnerships and procurement, connecting with the NHS with Catherine Davies from Monticle |
| 3.00pm | Getting your innovation to market with Stuart Cornelius from the Centre for Process Innovation |
| 3.30pm | Successful models for business-to-business software as a service product with David Ribeiro from ARC regulatory |
| 4.00pm | Starting with the end in mind, Health Technology Assessments for innovation and life sciences with Professor Christopher McCabe from Queen's University Belfast and The Assessed Project |
| 4.30pm | The role of representative bodies in supporting companies with Richard Phillips from ABHI |
| 5.00pm | The market at home and away with Dr. Roisin McAllister and guests from the Department of Business and Trade |
| 5.30pm | A masterclass on the law and life sciences innovation with Lewis Silkin solicitors |
| 5.15pm | HIRANI pulse event with networking drinks |
| 6.30pm | Private event – speakers dinner at the Captains Table, The Bridge, Titanic Building. |



Day Two 30th April from 9am to 5pm

Quick guide to what is happening , where and when!

9am - Registration/Coffee/Networking and Innovation zone

9.30am **Prof. Joann Rhodes MBA**, Chief Executive Officer, HIRANI

9.40am **Dr Hakim Yadi OBE**, Chair of HIRANI & Chief Executive Officer, Closed Loop Medicine

10.00am **Dr Victoria Manax**, Life Sciences Advisory Panel & Medical Oncologist

Main Stage

Launchpad stage (Britannic Suite)



10.30am Cultural and Operational shifts in Clinical Trials

10.30am Save the health service, save the planet.

Mindset Information Session 10.30 – 12pm Education suite 2nd Floor Titanic Building

12pm - Lunch and innovation zone

1.30pm **Dr Hakim Yadi OBE**, Chair of HIRANI & Chief Executive Officer, Closed Loop Medicine

1.35pm **Conor Murphy MLA**, Minister for the Economy

1.45pm **Professor Lourda Geoghegan**, Deputy Chief Medical Officer, Department of Health

2.00pm **Prof. Tony Young OBE**, Head of NHSE Clinical Innovation & Director of Clinical Entrepreneur programme

Main Stage

Launchpad stage (Britannic Suite)



2.15pm Precision medicine – is it all about the data?

2.15pm The NI Ecosystem as a catalyst for innovation.

3.50pm - Coffee

4.10 pm **Closing Panel**
'A point in time – looking North, South, East and West'

Close 5pm - Networking drinks

DAY TWO (the detail)

30th April 2024 - 9am to 5.30pm
(Titanic & Britannic Suite)



SUPPORTED BY



9am - Registration/Coffee/Networking and Innovation zone

- 9.30am **Prof. Joann Rhodes MBA**, Chief Executive Officer, HIRANI
- 9.40am **Dr Hakim Yadi OBE**, Chair of HIRANI & Chief Executive Officer, Closed Loop Medicine
- 10.00am **Dr Victoria Manax**, Life Sciences Advisory Panel & Medical Oncologist

Morning Session - Main Stage Titanic Suite

- 10.30am **Cultural and Operational shifts in Clinical Trials**
Integration of digital tools and technologies to facilitate research requires new skills and can provide ways of ensuring participants' safety and research integrity, while sometimes reducing participant burden and trial cost. This session will explore how technology is just one piece of the puzzle, how we need to ensure operational and cultural adaptations which occur within healthcare organisations promote efficiencies, equity of access and that the patient voice is included.
- 10.30am **Dr Janice Bailie**, Assistant Director, HSC R&D Division
- 10.35am **Prof. Nigel Hart**, Professor of General Practice and Primary Care, Queen's University Belfast along with **Prof. Mahendra G Patel OBE**, Centre for Research Equity Nuffield Department of Primary Care Health Sciences University of Oxford
- 11.00am **Prof. Judy Bradley**, Chief Executive Officer, iREACH Health
- 11.15am Panel discussion:
Chair **Dr Janice Bailie**, Assistant Director, HSC R&D Division (Chair);
Dr Aiden Flynn, Chief Executive Officer, Exploristics;
Dr Ruth Price, Research Fellow, School of Biomedical Sciences, Ulster University;
Prof. William Gallagher, Professor of Cancer Biology, Co-Lead, University College Dublin & Scientific Director, All-Island Cancer Research Institute;
Rebecca Walsh, Design Director, Big Motive;
Rosemary Ash, Head of Missions, Office for Life Sciences

10.30 - 12pm Mindset Information Session

For anyone interested in immersive technologies coupled with mental health, this information session will take place in the Education Suite on the second floor of the Titanic Building.

12pm - Lunch and innovation zone (Invite Only Event on The Bridge)

- 1.30pm **Dr Hakim Yadi OBE**, Chair of HIRANI & Chief Executive Officer, Closed Loop Medicine
- 1.35pm **Conor Murphy MLA**, Minister for the Economy
- 1.45pm **Professor Lourda Geoghegan**, Deputy Chief Medical Officer, Department of Health
- 2.00pm **Prof. Tony Young OBE**, Head of NHSE Clinical Innovation & Director of Clinical Entrepreneur programme

DAY TWO (the detail)

Afternoon Session - Main Stage Titanic Suite

- 2.15pm **Precision medicine – is it all about the data?**
Precision medicine in Oncology is leading the field due immunotherapy, digital and diagnostic technologies and approaches will be integral to the success of personalised medicine: but the integration and analysis of health information and data will be crucial.
- 2.15pm Introduction by **Rahul Kapoor**, Director of Health-tech, Centre for Process Innovation
- 2.30pm **Dr Frances Burns**, Northern Ireland Trusted Research Environment, H&SCNI
- 2.45pm **Prof. Richard Kennedy**, Global VP of Biomarker Development & Medical Director, Almac Diagnostic Services
- 3:00pm **Prof. Manuel Salto-Tellez**, Director of the Precision Medicine Centre, Queen's University Belfast
- 3.15pm Panel discussion:
Chair **Rahul Kapoor**, Director of Health-tech, Centre for Process Innovation;
Seamus Kearney, Chief Executive Officer, ARC Regulatory;
Lucy George, Head of Business Innovation Oncology, Astrazeneca;
Margaret Grayson MBE, Chair, The National Cancer Institute;
Gráinne McVeigh, Director of Advanced Manufacturing, Engineering & Life Sciences, Invest NI
Dr Victoria Manax, US Life Sciences Advisory Panel
- 3.50pm Coffee
- 4.10pm **Closing Panel with introduction and closing from Prof. Joann Rhodes MBA, Chief Executive Officer, HIRANI**
'A point in time – looking North, South, East and West'
Chair: **Prof. Mark Lawler**, Professor of Digital Health, Chair in Translational Cancer Genomics, Queen's University Belfast
Along with **Dr Tanya Mulcahy**, Director, Health Innovation Hub Ireland & Founder, Femtech Ireland;
Dr Victoria Manax, Life Sciences Advisory Panel & Medical Oncologist; **Maeve McGrath**, Head of Healthcare Innovation, Roche; **Prof. Liam Maguire**, Pro Vice-Chancellor Research, Ulster University; **Prof. Tony Young OBE**
- Close 5pm Networking drinks



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Subscribe to our digital weekly newsletter at www.hira-ni.com



Morning session on the Launchpad stage (Britannic Suite)

Save the health service, save the planet.

10.30am If the global healthcare sector were a country, it would be the fifth largest contributor to climate change. Climate change is already causing disease and increasing the burden on health systems. Supporting sustainable healthcare can benefit both patients and the wider system. This includes empowering patients, reduced costs and increased resilience of health systems and workforce. In this session speakers will share insights on how their organisations are tackling this challenge and introduce the holistic thinking needed to reach net-zero.

10.30am Introduction with **Prof. Chris McCabe**, Professor of Health Economics

10.35am **Prof. Charlotte McArdle**, Deputy Chief Nursing Officer for Patient Safety & Improvement, NHS England

10.50am **Prof. Paul Rodgers**, Professor of Design and Founder, Design Hopes

11.05am **Dr Jenny Rivers**, Director of Research & Development, Barts Health NHS Trust

Panel discussion:

11.20am Chair **Prof. Chris McCabe**, Professor of Health Economics
Prof. Joan Condell, Ulster University & FLIER, The Academy of Medical Sciences;
Deepak Samson, Founder & Chief Executive Officer, Ethelcare;
Kerry Curran, Director, GB & EU Trade Division, Department for the Economy;
Prof. Charlotte McArdle, Deputy Chief Nursing Officer for Patient Safety & Improvement, NHS England;
Dr Ruth Gray, Assistant Director in Quality Improvement and Innovation at the Southeastern Trust

Afternoon session at the Launchpad stage (Britannic Suite)

The NI Ecosystem as a catalyst for innovation.

2.15pm Developing new products and services for health and life sciences is a dynamic and complex process with many hurdles to overcome. Aside from raising investment, accessing talent and forming their supply chain; innovators must which understand 'real-world' problems and their value brilliantly whilst maintaining agility, as they predict where the market will be by the time their solution reaches society and healthcare systems. This session introduces speakers within the virtuous circle of product-marketfit and the road from framing challenges, designing and adopting solutions for a waiting market.

2:15pm Introduction and update of where the innovation ecosystem is in NI – the programmes and key stakeholders and knowledge providers involved in accelerating discoveries introduced by **Prof. Joann Rhodes MBA**, Chief Executive Officer, HIRANI

2.20pm Panel discussion: **Dr Natalie Cole**, Head of innovation, Tallaght University Hospital, **Colum Lowe**, Director, Design Age Institute, The Royal College of Art, **Richard Phillips**, Executive Director, Policy & Partnerships, ABHI, **Linda O'Hare**, Assistant Director - Procurement BSO PaLS

Innovation Showcase with pitches from six NI innovators

2.45pm With feedback from panel experts chaired by **Barbara Orr**, Ecosystem Senior Innovation and Growth Specialist, Innovate UK NI along with **Prof. Chris Scott**, Dean of Research, Medicine, Health & Life Sciences & Professor of Pharmaceutical Biosciences, Queen's University Belfast; **Catherine Davies**, Managing Partner, Monticle; **Colum Lowe**, Director, Design Age Institute, The Royal College of Art; **Dr Natalie Cole**, Head of innovation, Tallaght University Hospital and **Professor Tony Young OBE**, Associate Medical Director, Mid and South Essex University Hospitals Group, Head of NHSE Clinical Innovation & Director of Clinical Entrepreneur programme

HIRANI Launches All-Island Medtech Initiative Report

The 'Buying All-Island in Healthcare – North and South' report publishes the findings and recommendations framework of the All-Island Medtech SMEs (AIMS) initiative.

38 stakeholder groups from health, industry, policy, state agency, academia and procurement, identified common challenges to SMEs and start-ups within the health market. New and smaller suppliers below certain revenue thresholds are not equally positioned to compete with established vendors for healthcare tenders, unfairly affected by scale and liquidity requirements. Outdated assessments for software products, lack of innovation procurement and funding for its mechanisms, limited use of dynamic purchasing systems and purchasing standards that vary widely across secondary care sites are also perceived to be prohibitive.

AIMS stakeholder workshops and expert advisory group sessions recommended the proposed solutions contained in the 'AIMS Framework of recommendations for Innovation Procurement'. The framework focuses on four key areas to deliver system-wide impact that will facilitate the procurement of innovative products across the healthcare sector on the island of Ireland from all vendors, regardless of size –

1. Budget and Mechanisms – create a protected healthcare budget for the procurement of innovation, implement EU approved mechanism

To boost innovation procurement allocate a portion of the public budget, replicating successful European exemplars. Public Procurement of Innovative solutions (PPI) is one mechanism. The public sector uses its purchasing power to act as early adopter of innovative solutions that are not yet available on large-scale commercial basis. PPI can target specific healthcare challenges by seeking innovative solutions, and through a testing phase, reduce risks commonly associated with smaller vendors.

2. Review and revise procurement thresholds – hardware vs software

Tender requirements often demand high turnovers, a relic of old hardware focussed companies. This excludes smaller, innovative firms. Unlike hardware, software does not rely on costly supply chains; its main costs are licenses and setup. Software procurement should prioritise features, capabilities, and fit with needs over financial size.

3. Increase use of Dynamic Purchasing Systems (DPS) in healthcare procurement

A DPS is a digital tool allowing qualified suppliers to join anytime to compete for contracts. In contrast to tender frameworks, which usually last four years. DPS increases small businesses access to public contracts, simplifying the process by cutting out repetitive bids.

4. Co-develop and publish education tool for SMEs navigating HSC and HSE

Developing an educational tool with HSCNI and HSE procurement for SMEs and start-ups will benefit small entities understanding of a multi-faceted complex process. The online tool will be co-developed, user-friendly, accessible and regularly updated to reflect any changes in regulations or best practice.



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ADVANCE

HEALTH TECH MAGAZINE

Welcome to **Advance**,
the first magazine
solely dedicated to
healthtech and life
sciences.

Launch
Edition
June
2024



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**Want to enjoy music and be a musician?
Want to share your musical culture and
celebrate it with others?**

Then Drake Music wants to create with you!

We are looking for people with a passion for all types of music from around the world to join us in workshops to create your own sound!

Drake Music NI is an arts charity that exists to enable people with and without disabilities to compose and perform their own music independently through the use of specialist music technology and electronic and acoustic instruments

If you or someone you know would like to join us in music sessions, to share your music culture with others- we can collaborate with you to compose and perform music in a band or ensemble. We look forward to hearing from you!

Contact us NOW! it doesn't matter if you have never played or ever had a lesson!
E: michelle@drakemusicni.com
T: 07918719595

Check out Drake Music NI online at www.drakemusicni.com

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Mindset projects use a range of immersive technology such as extended and virtual reality (XR and VR) using headsets, remote touch, music and sounds, and mobile gaming and support conditions such as:

DEMENTIA PSYCHOSIS ANXIETY
BIPOLAR DISORDER AUTISM

Find out more at an Information session, 10.30am on 30th April at the Education Suite, 2nd Floor, Titanic Building.

HIRANI and the NHS Clinical Entrepreneur programme (CEP)

The Clinical Entrepreneur Programme is an NHS initiative, delivered by Anglia Ruskin University and led by Professor Tony Young OBE and team. It is the biggest entrepreneurial workforce development programme of its kind. Launched in 2016, the programme is open to both clinical and non-clinical NHS staff.

The aims of the programme are to:

Allow entrepreneurs and creative thinkers to pursue their innovation without having to leave the health service.

Support the healthcare workforce to develop and scale their most innovative ideas for the benefit of patients, staff and the wider NHS.

Develop the skills, knowledge and experience needed to successfully develop and spread innovative solutions

to the challenges facing the NHS.

Provide a wider benefit to economic growth through inward investment in the health, social care and life science sectors.

The CEP was launched in NI in 2022, championed and run by HIRANI, funded by InvestNI, working in partnership with the Clinical Entrepreneur Team in NHS England.

We currently have 20 Northern Ireland CEPs – meet them below:



Alexander Davey is an anaesthetist by training and an ED doctor who has developed a digital platform called eFluidChart. It improves patient care by optimising three key pillars of intravenous fluid management.



Rawa Lina Jawad is an experienced dental associate who is also the Director of Medicube health Ltd.



Michael Quinn is a Consultant Nephrologist who created Round Safely using video and voice technologies to accelerate new ways of communicating between clinicians, patients and their relatives.



Peter Cosgrove is a Consultant Physician in Paediatric Emergency medicine his idea is evolving around how to improve this collaboration between patients/parents and key stakeholders of the healthcare system.



Frances Duffy is Consultant Clinical Psychologist and founder of 6D Dementia. 6D Dementia was one of only 24 successful projects selected worldwide in the inaugural round of the Longitude Prize for Dementia.



Patrick Stirling is a GP and has a long history of innovation within both the digital and HSC realms with involvement in a number of successful projects such as New Models of Prescribing, GPNI.co.uk and ongoing work with the Primary care GP Intelligence platform (GPIP).



Sinead Welsh is a Social Worker and International Child Protection Specialist who developed the Informed Minds app and is now an international safe guarding consultant.



Luke Ward is the Chief Medical Officer with Eolas Medical, a Belfast based software company that aims to give healthcare workers access to important operational information at the point of care.



Richard Mayne is a GP who set up The Moving Medic to help desk-based workers to be less sedentary and more physically active.



Phil McElnay is the CEO at MedAll - an organisation on a mission to make great healthcare training more accessible to millions of global healthcare professionals.



Charlotte Quinn is a Registered Nurse in coronary care and cardiovascular specialist practice who has developed MyStatus.uk to provide people with the opportunity to assess their own health status using evidence-based research and statistics with research-based strategies to improve their health outcomes.



Dr Tufayl Hannan - Tufayl, the co-founder of Gnashers, is leading a sustainable oral care revolution. Gnashers' flagship product, a sustainable oral care subscription box containing toothpaste and mouthwash in tablet form, marks just the beginning of their innovation journey.



Murali Shyamsundar is a research active respiratory/ critical care consultant engaged in developing smart clinical decision alert tools underpinned by innovative AI technology to demonstrate real world impact of the effective data usage that will benefit patients in critical care settings worldwide.



Dr Owen Jefferies - Owen is an anaesthetics registrar currently working to develop an application that makes the hiring of locum doctors more efficient while streamlining the onboarding process for employment to seamless sharing of staff between hospital trusts and reduce reliance on agencies.



Dr Andrew Cupples - I plan to design and implement a core curriculum for Point of Care Ultrasound (POCUS) in Primary Care in NI, working with local secondary care and European primary care colleagues, and design a training programme for GPs and GP trainees, working with industry to have it rolled out.



Dr Ernest Lau - Dr Lau is a consultant cardiologist specialising in heart rhythm disturbances working to ensure implanted heart rhythm management devices are easy to remove years after insertion as well as protect them from infection while they are in use.



Dr Aisling Diamond is a consultant in emergency medicine in a district general hospital and the trauma centre. Currently she works as the deputy medical director with portfolio for workforce and training and as a consultant in emergency medicine.



Dr Pragya Sharma - Hello, I'm Dr. Pragya Sharma, and my mission is to transform the lives of individuals dealing with visible skin conditions through Gran Lab, where we are dedicated to providing cutting-edge, quick-absorbent, and steroid-free formulations to alleviate their symptoms.



Brendan Forde - The aim of Medication AI Solutions is to improve medication and treatment plan adherence outside of the clinical setting, reducing pressure on the NHS. The service will use AI to address the main reasons patient do not adhere to taking their medication.



Nomathamsanqa Tholo - Nomathamsanqa Tholo is the founder of Sustenance Development Consultants (SDC). SDC is a healthcare consultancy company with a mission to drive transformative change, enhance well-being, and promote sustainable development for clients by providing expert guidance and practical solutions in staff retention.

HEALTH TECH SPRING



We would love to hear how we did!

Please scan here and give us your feedback.



3 Dargan Crescent, Belfast,
United Kingdom

e: info@hira-ni.com

