

Winter 2011/2012



**U2B**

UNIVERSITY TO BUSINESS

**Excellence in innovation,** accessible to your business

**COURSES - RESEARCH - WORKING WITH BUSINESS AND THE COMMUNITY**

 **University of  
ULSTER**

**INSIDE THIS ISSUE:**

- US APPROVAL FOR ULSTER SPIN-OUT
- OPEN ULSTER
- BETTER CONNECTED FOR BUSINESS

## Welcome...

I am pleased to report that 2011 was the University of Ulster's greatest year for innovation.

We spun out four new companies, completed eleven investments, leveraged over £5m of international venture capital into our spinouts, licensed seven patent families and increased our consultancy output to over £3m. I am grateful to my colleagues for their achievements, and to our customers and investors for their support.

In particular, I would like to congratulate Professor Jim McLaughlin who has been honoured in the New Year Honours List for 2012. The distinguished international physicist receives an OBE for his services to research and economic development in Northern Ireland. During the past year, we continued to make waves on both sides of the Atlantic, most recently with Intelesens, an Ulster spinout that has benefitted from Professor McLaughlin's support as Chief Scientific Officer.

In the UK, the University's leading position in the design sector was reaffirmed through our success in the Design Council's "Innovate for Universities" competition, which provides support to ensure the University's intellectual assets are developed with the market in mind. In Northern Ireland our expertise, ranging from Radio Frequency Identification, data analytics and Health Sciences, continues to impact on the product and service portfolios



of local business, leading to growth and increased profitability.

In 2012 we would like to go further and open up even more of our knowledge to business. I was delighted to launch our new Open Innovation initiative OpenUlster ([www.openulster.com](http://www.openulster.com)) recently at the Northern Ireland Science Park, which aims to put more of our technologies into the hands of entrepreneurs. The website has attracted a great level of interest and will continue to post new Ulster inventions accessible to you.

We are always keen to hear from you, and learn how we can continue to provide support to ensure that your businesses grow.

Finally, we would like to thank the Department for Employment and Learning Connected Project for their generous sponsorship of this edition of U2B.

**Tim Brundle**  
Director of Innovation

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### COVER IMAGE:

At the University of Ulster we are offering our inventions to entrepreneurs along with support to bring them to market. This new initiative is called OpenUlster. For further details visit the website [www.openulster.com](http://www.openulster.com)

## US Approval for Ulster Spin-out

Intelesens, a Belfast-based healthcare technology spin-out company from Ulster, is set to enter the American healthcare market after getting the green light from US authorities for a pioneering health monitoring device.

Intelesens is a leading innovator in non-invasive vital signs monitoring equipment. Much of the equipment is highly miniaturised, lightweight, unobtrusive and easily worn under clothing. It is used in remote patient monitoring and personal telehealth.

Following successful clinical trials in Massachusetts General Hospital, Boston, the US Food and Drugs Administration (FDA) has awarded Class 2 regulatory approval to Intelesens' new 'Aingeal' device for use in US hospitals and healthcare organisations. The wearable product enables patients to be monitored, continuously and wirelessly, from the moment they arrive in hospital until discharged.

The FDA decision is the second significant United States commercial boost this year for

Intelesens. In April, it showcased its technology in Silicon Valley, and scooped a top prize in the 2011 Irish Times Irish Technology Leaders Group Awards. It was named the 'Most Promising Technology Company' at the awards ceremony, held in San Jose, California.

Intelesens was founded by three professors at Ulster, John Anderson, Jim McLaughlin and Eric McAdams, and the University retains a significant shareholding in the company. Key technologies which the trio spun out from the University comprise the solid, science-based, foundation for the company's industry-leading products.

Michael Caulfield, Intelesens CEO, said: "We have always aspired to take our unique monitoring technology to the global healthcare market and this formal validation by the US FDA regulatory authorities means that we can now move forward rapidly with the launch of our Aingeal product into the US hospital sector, likely to begin in early 2012."

## Hooray for Hollywood

The MTV Awards wasn't the only opportunity for global exposure to be enjoyed by Northern Ireland last month. A delegation of senior executives from the entertainment and technology industries in Hollywood and Silicon Valley attended an event at the University of Ulster, Belfast.

The high profile visit to Belfast campus was led by John Hartnett, Founder and President of the Irish Technology Leadership Group (ITLG) and comprised senior figures from the entertainment technology

sector including Sean O'Donoghue, Chief Information Officer, Dreamworks; Jon Michael Bukosky, Advisor, Digital and Emerging Media, Untitled Entertainment; and Anthony Clark, Head of Future Business Innovation, Sony.

The ITLG 'Hollywood Comes to Belfast' event held on 5 November, followed in the wake of the recent ITLG 'Innovation in Entertainment' event in Los Angeles, and also comes after the successful 4th Annual Silicon Valley Comes to Ireland event in Dublin in October.



ITLG's Founder and President John Hartnett with Sean O'Donoghue, Dreamworks, Fiona McElroy, Timothy Brundle and Conán Fitzpatrick of the University of Ulster.

**Knowledge 2B: Transferring Knowledge and Helping Business Grow**  
 The University helps businesses to grow through two knowledge transfer programmes – Knowledge Transfer Partnerships (KTPs) and the cross border FUSION programme.

## VoiceSage Support for Award Winning Company

**In 2002, VoiceSage was established in County Wicklow to create a software solution that would improve performance in customer contact centres through the use of modern, automated phone dialogue generation and response technology. The company recently engaged in a FUSION project with the University of Ulster.**



**From Left: Professor Mike McTear (University of Ulster), Professor Terry Anderson (University of Ulster), Mr Graham Brierton (Voicesage, Chief Technical Officer), Ms Takhmina Namozova (FUSION Knowledge Carrier), Mr Jim Fitzsimons (FUSION Consultant)**

For further information on FUSION contact Dr Janet Johnston at [j.johnston1@ulster.ac.uk](mailto:j.johnston1@ulster.ac.uk) or (028) 9036 8215.

The FUSION project with Ulster academics, Professor Terry Anderson and Professor Mike McTear, involved redesigning the company’s browser-based software resulting in a new-breed, highly interactive ‘rich internet application’. This technology enables existing customers to specify phone call dialogues and access a variety of reports with greater ease. It also enables new customers to develop their own phone dialogues more rapidly.

Chief Technical Officer, Graham Brierton said: “Working with Ulster has been informative and extremely productive. Our access to professors has been really valuable to us for their knowledge, research and external view point. We now look forward to seeing how the project evolves and the benefits it can provide our customers.”

VoiceSage invested heavily in research and development, and technology to realise this aim and has since relocated to Dun Laoghaire, County Dublin, with offices also in Cork and London. Company growth has been sizeable and VoiceSage now competes strongly in global markets, with the company seeking to enter new markets in the coming years.

VoiceSage has achieved great success and is recognised globally as being at the forefront of its industry. In 2011, it was awarded the ‘Entrepreneurial Company of the Year’ award in Communications-enabled Business Processes from industry analysts Frost & Sullivan. Most recently the company received ‘Best Product of the Year’ award at the Call Centre Management Exhibition in London for its most recent product development – ‘VoiceSage Survey’.

## Ulster Collaboration ‘no brainer’ for Nuprint

**Cutting edge research at the University is helping a leading Northern Ireland labelling company reinvent itself and target new markets ahead of its competitors.**

In a project led by Dr Kevin Curran, School of Computing and Intelligent Systems, with Ulster graduate and Knowledge Transfer Partnership (KTP) Associate, Dr Charles Young, the university is collaborating with Nuprint Technology Ltd to introduce innovative tracking technologies into the company’s production processes.

The Derry-based company specialises in the print of labelling for the food, drink, clothing and pharmaceutical industries and supplies a wide range of small and large businesses around the world. Ulster’s partnership with Nuprint is one of a number of KTP projects between Ulster and the local business community. The KTP initiative

allows organisations in the private, public and community sectors to utilise resources and knowledge available within universities and apply them to their own business environment.

The KTP with Nuprint involves using new engineering technology, such as Radio Frequency Identification tags to develop and introduce innovative label solutions to provide higher added-value revenue streams for NuPrint, in addition to creating new business with new customers.

This is Nuprint’s third collaborative project with Ulster academics and Nuprint’s Managing Director, Gavin Killeen, said the decision for NuPrint to get involved was a

‘no brainer’. “We are very fortunate to have this kind of technical expertise quite literally on our doorstep so we would be foolish not to make the most of it.

Working with Ulster has made a huge difference to our company, giving us the confidence to innovate and go after new markets.”



**From Left: Dr Charles Young (KTP Associate), Dr Kevin Curran (University Ulster), Mr Gavin Killeen (Nuprint)**

For further information on KTPs contact Caroline McCabe at [ktp@ulster.ac.uk](mailto:ktp@ulster.ac.uk) or (028) 7137 5236.

# OpenUlster:

Profit from University Research

Currently, it is almost impossible to pick up any business article without the mention somewhere of the 'knowledge economy'. These articles stress that companies need to invest in research and development in order to stay competitive with the developing economies and that 'continuous innovation' is the key to business success. Another term is starting to appear almost as regularly and is equally as cryptic, 'open innovation'.

## Open Innovation

Open innovation recognises that research and development (R&D) is expensive. In some industries, it can be prohibitively expensive for smaller companies. Open innovation advocates that the outputs of R&D are shared with competitors, and even with companies in other sectors. The concept of open innovation is that everybody can benefit – it's a win-win model.

The idea is not new, but what's different about open innovation is the explicit recognition by companies that innovation in their products and services may come from outside the organisation, and that their own R&D outputs may be best used elsewhere.

Dr John MacRae, Technology Commercialisation Manager at the University's Office of Innovation, has been puzzling over what open innovation means for Ulster: "Ulster's R&D programmes have generated over 300 new technology disclosures, many of which have produced new patent filings.

"Each year, we work actively on licence agreements with industry and create new spinout companies for about 5% of these disclosures. This means there is still a lot of innovation sitting on the shelf that could be making money for someone."



## Better Ways of Engaging

Finding licensees and investing in spinouts is time consuming. Typically it takes a couple of years for a new technology to progress from proof of concept, to licensee or spinout. For most Universities, open innovation means listing the technologies available for licence on their technology transfer web pages – Ulster has been doing this too for some years. This attracts some enquiries but it does not have the impact on business and the wider community, as well as financial return that the institution desires. Clearly open innovation where it applies to universities needs a rethink.

What Ulster really wanted was to find a better way of engaging with business and the wider community; delivering innovation predominantly to local industries and engaging with local entrepreneurs to create new companies and, therefore, employment based

on Ulster technology. More of the same really, but done in a way to make the engagement by companies and entrepreneurs as straightforward and quick as possible.

## OpenUlster

OpenUlster, [www.openulster.com](http://www.openulster.com), is the University's new take on the open innovation model. It is still a website with Ulster

"To take out an evaluation licence – which costs just £1 – a visitor to the website simply downloads the documents, fills out two forms and returns them to our Office of Innovation. Once the licence is countersigned by a member of the Commercialisation Team, the firm has exclusivity to evaluate that technology."

Full details will be provided, along with any published



technologies listed, but as Dr MacRae explained, there are some significant differences:

"OpenUlster is a service in its own right. Technologies that are available for licence are listed on [www.openulster.com](http://www.openulster.com). Entrepreneurs, firms and other interested parties can immediately see which ones are under evaluation and those that are available.

granted or pending patents, experimental data, and prototypes or software. At the end of the evaluation period – which can be range from three months to one year, depending on the nature of the technology – the evaluation licence can be converted into a full commercial licence.

## “This is technology that we could never have developed by ourselves”

So, does it work? According to Noel Kilpatrick, Director of Tribus Training and Consultancy, it does: “Tribus was set-up as a specialist provider of training and consultancy in commercial security. We signed an evaluation agreement with Ulster to look at its digital watermarking technology, to see if this could become a Tribus Original Equipment Manufacturer (OEM) product, alongside our consultancy work.

The University gave us all the technical documentation and a web-based software tool, which we are now demonstrating to potential customers. I expect we will be back for a full commercial licence. This is technology which we could never have developed by ourselves.”

If OpenUlster leads to more companies following the example set by Tribus, then Dr MacRae and his colleagues will be happy with more of the same.

## Staying Connected

Creation of a distinct brand also makes it easier for you to keep in touch, as Dr MacRae explained: “In addition to normal outreach activities, each time a new technology is added our partner network will be notified using digital platforms

such as Facebook, Twitter and LinkedIn. Using social media as a marketing tool raises the profile of OpenUlster and ensures it stays connected with the community it wants to engage with.”

The selection process to identify technologies suitable for OpenUlster is designed to ensure that any business taking an evaluation licence will have everything they need to understand that technology and assess the fit with their business and aspirations. Those chosen must demonstrate:

- ‘Hard’ intellectual property such as patents or designs;
- Technology to be offered on an exclusive evaluation licence;
- Technology must have reasonably complete evaluation data and self-explanatory documentation;
- Software and/or any other prototypes to be provided, if available.



**Enterprise Minister Arlene Foster at University of Ulster, Magee campus.**

## Ulster Teams Up With Design Council



Ulster is teaming up with the Design Council in a bid to boost the commercial potential of technologies developed at the University.

The Office of Innovation will partner with Design Associates under the Design Council’s ‘Innovate for Universities’ mentoring programme. Under the programme, strategic design and innovation tools are used to accelerate the commercialisation of universities’ research projects.

Tim Brundle, Director of Innovation at Ulster, explained: “The University has a long and successful heritage of creating value from research. Our award-winning technology commercialisation provides considerable value to the economy and we are thrilled to embark on a new relationship with the Design Council that will integrate design at the outset of projects”.

‘Innovate for Universities’ has been specifically developed by the Design Council to mentor technology transfer teams at universities. It is believed this user-centred approach to technology development will increase Ulster’s success rates with competitive funding applications, improve collaboration within teams and provide new skills and ways of working.

## Ulster links up with world-leading Capital Markets Engineering companies

Enterprise Minister Arlene Foster recently launched the Capital Markets Collaboration at the University of Ulster’s Magee campus, where she addressed an influential delegation of local companies and existing inward investors, academics and industry experts on this increasingly important arm of the financial services sector.

The collaboration, which has been facilitated by Invest NI, has brought five key players in capital markets together for the first time to boost research capability and skills across the sector. NYSE Technologies, Citi, First Derivatives, Fidessa, and Singularity, will work with academic partners from the University of Ulster and Queen’s University Belfast.

Professor Martin McGinnity, Director of the Intelligent Systems Research Centre, speaking on behalf of the University of Ulster said: “The vision of this initiative is to position Northern Ireland as a global centre of excellence for R&D in Capital Markets Engineering.

“This is an ambitious goal and one which we firmly believe can be achieved given the calibre of the companies involved and their enthusiasm to engage with the research excellence at the two Universities. The Intelligent Systems Research Centre is proud to be a leading partner in this initiative.”

# Innovation Vouchers

The University is one of the top Innovation Voucher knowledge providers in Northern Ireland.

## Podiatry Experts Help Design Therapeutic Footwear

Whelan Footwear Distributors, based in Cootehill, County Cavan has been manufacturing the Drifter's brand of men's shoes since 1939. The company has a well-established record of manufacturing wide-fitting, large size footwear for problem feet.

Whelan wished to diversify their range to specialise in the manufacture of a shoe for patients with diabetes. Through

Enterprise Ireland's Innovation Voucher programme, Podiatry staff Dr Katie Lagan and Jill Cundell from the School of Health Sciences at the University, embarked on a collaborative project to inform future footwear design. This led to the development of therapeutic footwear for patients who may suffer from foot ulceration.

Brenda O'Leary of Whelan Footwear Distributors welcomed the University's expertise: "We are delighted to have collaborated with the University of Ulster to help us further our research and design

into developing a new style of shoe for people with diabetes. With the help of the dedicated Podiatry team, we now have a detailed study that allows us to better understand the market and the customers we are catering for. More importantly, it enables us to be seen as a dedicated supplier and manufacturer of specialist footwear."

For further information on accessing Ulster's expertise through Innovation Vouchers, contact Kerry Patterson at the Business Liaison Office, (028) 9036 8603 or email [k.patterson@ulster.ac.uk](mailto:k.patterson@ulster.ac.uk)



Whelan therapeutic footwear for patients who may suffer from foot ulceration.

## Understanding the Sentiment of Tweets

RepKnight is a Lisburn-based company which develops software to enable companies and other organisations to listen effectively to what is being said about them on social media platforms such as Facebook and Twitter.

Social networking sites make it easy to give positive or negative opinions very quickly on a product or service that can result in either enhancing or damaging a company's reputation and brand.

RepKnight gathers social media information and recognises the value in this data in helping understand what customers think about a company, its product or service. Due to the sheer volume of data involved, RepKnight sought expertise from the TRAIL Living Lab in the School of Computing and Mathematics in relation to data analysis and interpretation.

Through an Invest NI's Innovation Voucher Programme, RepKnight worked with Professor Maurice Mulvenna and Dr Matthias



RepKnight prototype capable of analysing social media platforms

Baumgarten who helped the company to gain an insight into generic sentiment analysis and to develop a prototype capable of carrying sentiment analysis on many thousands of Tweets per second.

John Reid, Chief Executive Officer at RepKnight recommends others to engage with the University: "The engagement with Ulster was seamless and has proven invaluable in helping RepKnight enhance our solution to analyse and gain insight into the millions of messages we capture daily. We aim to continue the partnership and would encourage any companies thinking about taking advantage of the Innovation Voucher programme to go for it!"

## Latest University Spin Out Emerges

Axis Composites is the latest spin-out company from the University of Ulster. Led by Dr Alistair McIlhagger, Director of the Composites Research Centre, it has developed a new technology for forming 3D woven carbon fibre.

Its product is stronger and lighter than those on the market. It is also faster to use and has the potential to cut manufacturing costs in industry by up to 60 per cent.

Traditionally carbon fibre is laid down single layer by single layer and resin is injected onto the layers to make a rigid component. Each layer has to

be placed in the correct orientation by hand so it is very labour intensive. Axis Composites technology produces a fibre preform in one component.

The company's product has applications in the aerospace, automotive, military, energy and ballistics sectors. Credibility is a big challenge for small companies trying to break into the world of international aviation, however years of research collaboration between the founders of Axis Composites and companies such as Rolls-Royce and Bombardier means it is already well known in its niche market.

## BMSRI and Radox Laboratories Ltd

Radox Laboratories is an international clinical diagnostics company that provides innovative solutions to laboratories worldwide.

In recent years, Ulster's Biomedical Sciences Research Institute (BMSRI) has developed a strong relationship with Radox resulting in a number of collaborative research projects with the Company's diagnostics division.

One of these relates to biomarkers for Rheumatoid Arthritis (RA). Ulster presented compelling evidence to Radox

in relation to its biomarker discoveries for RA. This, combined with the current approach of using trial and error for RA therapy, convinced Radox that the development of an array that can stratify patient response to anti-TNF therapy (a treatment for severe RA patients), represented an excellent business opportunity for the Company.

As a result, the parties have entered into a two year collaborative R&D project, which has successfully secured funding of more than £1m from the Technology Strategy Board.

# Better Connected



**Connected is a Department for Employment and Learning funded initiative involving the two universities and the six Further Education Colleges, to help businesses improve their performance by providing access to a broad portfolio of knowledge and technology support services.**

The Connected Programme has supported an innovative collaboration between Action Cancer, Northern Regional College and the University of

Ulster's School of Communication, which has resulted in the development of a multi-disciplinary CPD programme – Cancer Counselling and Communication

This is an inter-professional, credit-bearing programme for Counsellors, Nurses, Allied Health Professionals, Teachers, Pastoral Care Workers and Social Workers who wish to enhance their specialist knowledge and professional

practice in working with clients and families in a cancer care setting.

The programme will be delivered by a collaborative team with extensive specialist experience in delivering cancer care, from Ulster's School of Communication, Action Cancer and Northern Regional College.

For more information please contact Janet Logan on (028) 9036 8847 or email [j.logan@ulster.ac.uk](mailto:j.logan@ulster.ac.uk)

**Connected**  
The knowledge connection for business

## Creggan Country Park Enterprises



Creggan Country Park Enterprises

Creggan Country Park Enterprises a Derry based social enterprise, offers a full range of water sports, outdoor pursuits, walking and angling facilities. Income generated by the Park contributes towards improving the local economy through employment opportunities and facilities for use by local residents, school children and tourists.

Part of Creggan's ethos is sustainability and it has invested heavily in a number of renewable energy conversion technologies for the supply of heat and power at the 100 acre park.

Having committed substantial resources to the technology, Creggan were unsure how to tie the current technologies together to provide the maximum economic return.

Through the DEL Connected Programme, Creggan entered

into discussions with the University of Ulster. Through an Invest Northern Ireland Innovation Voucher the Park worked with Dr David Redpath, School of the Built Environment, who analysed the current state of the centre's energy conversion devices and made a number of cost effective recommendations.

Gerry Quinn, Manager at Creggan Country Park Enterprises was delighted with the skills and expertise of the University;

"Having invested in a range of renewables over a number of years on an ad hoc basis, we felt we needed assistance to map our way forward for the best return. The Innovation Voucher was extremely useful and we have gained a valuable insight into how we can develop our economic and environmental sustainability."

## Pioneering Project to Help Inform Women

To mark breast cancer awareness month in October, the University teamed up with Ulster Cancer Foundation and Belfast Health and Social Care Trust to work on a unique project aimed at helping women make better decisions about breast reconstruction following surgery.

The project which was initially conceived through the DEL Connected Programme, funded through InvestNI's Innovation Voucher Programme was led by Dr John Winder, Health and Rehabilitation Sciences Research Institute at Ulster who is 3D medical imaging specialist. He explained that the pioneering project will lead to the creation of a DVD with

three dimensional images of breast reconstruction, which will improve communication with patients.

"We are using the latest digital technology from Axis Three Ltd, a high-tech Belfast based company, to enable women to see how breast reconstruction may look for them. This is the first time that this technology has been used in this way," he said.

Each year in Northern Ireland, approximately 1,200 women are diagnosed with breast cancer. With survival rates steadily improving due to faster diagnosis, better treatment and care, increasing numbers of women are considering breast reconstruction following mastectomy for breast cancer.

The DVD will be a very useful resource for women as they prepare to make important decisions regarding their health and well-being and will be available from the Ulster Cancer Foundation in spring 2013.



**Tess Catherwood, an engineering graduate from Cambridge University, who spent her summer placement at Ulster working on 3D imaging in breast cancer**

## Commercialising Low Carbon Innovation

Eco-nomic Innovations, based in Aghnacloy, County Tyrone was established to commercialise low carbon innovations. The company has developed a domestic boiler that removes moisture from the building it heats. The product, known as EcoDry 45/20, offers clear advantages by reducing energy consumption, removing air moisture and keeping building humidity at a minimum level.

It also reduces tumble drying and enhances garment care.

As part of the Innovation Promoters Programme\* academics from the University provided expertise to assist Eco-nomic Innovations bring EcoDry 45/20 to market. Dr Emma Fleck and Dr Andrea Reid from the Department of Business, Retail and Financial Services worked closely with entrepreneur and company director, Jonathan Eves, to

develop a branding and communications strategy to launch the product in key market segments.

Jonathan said: "Emma and Andrea delivered all I asked for and their final report was meaty and relatively jargon free. Their clear insights provide the road map for the company to drive the product to commercialisation. Creative branding was included in their prompt service."

To find out more about the Innovation Promoters Programme, please contact Elaine Lacknermeier by e-mail at [e.lacknermeier@ulster.ac.uk](mailto:e.lacknermeier@ulster.ac.uk) or telephone 028 9036 4802.

\*Innovation Promoters Programme is delivered by the Office of Innovation and funded by Dungannon and South Tyrone Borough Council and the European Regional Development Fund.

## C-TRIC Announces Personalised Medicine Research Expansion

The University's Biomedical Sciences Research Institute (BSRI) and the Western Health and Social Care Trust welcomed the recent visit of the Health Minister, Edwin Poots. The visit signalled an exciting expansion of its clinically-focused research at the Clinical Translational Research & Innovation Centre (C-TRIC) on the Altnagelvin Hospital campus, with the announcement of the establishment of five new Translational Research Groups based there.

The new Translational Research Groups will focus on diabetes; inflammatory disease and rheumatology; neurodegenerative disease; oncology and cardiovascular disease; and stroke medicine with a strategic focus applying personalised medicine in these areas.

The Minister said: "With an increase in demand on our health service, we need to keep one step ahead by investing in research and development, and innovations and technologies. C-TRIC specialises in reducing both the time and cost in developing innovative health

technologies, medical devices and treatments."

Professor Tony Bjorson, Director of BSRI and C-TRIC board member stated that: "Establishment of these Translational Research Groups at C-TRIC is a significant step forward. Academic researchers, clinicians and patients have a unique opportunity to work together in the common endeavour of making sure that laboratory-based research is converted into useful diagnostics and treatments to primarily help patients."



Health Minister Edwin Poots looks on as C-TRIC Research Technician, Maranna McCloskey demonstrates a new technology under development at the facility, based at Altnagelvin Hospital campus, Derry/Londonderry

The new C-TRIC Research Groups will focus on the translation of clinical research and development of innovative health technologies, medical devices and therapeutics enabling the streamlining of new discoveries through a

focused 'bench to point of care' approach. For further information contact Barry Henderson, telephone (028) 7161 1249, email [info@c-tric.com](mailto:info@c-tric.com) or visit [www.c-tric.com/](http://www.c-tric.com/)

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