

EXTRA EXTRA

READ ABOUT THE PIG THAT ACTUALLY FLIES

FAKE NEWS

Inside 

Inside the beautiful game

As the Champions League final comes to Cardiff, we hear from alumni working in football

Examined lives

Developing Hollywood games, researching the onset of diabetes and leading the England cricket team

Changing spaces

The importance of place in an age of digital learning as the University builds for the future

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t. +44 (0)29 2087 6473
e. alumni@cardiff.ac.uk
w. cardiff.ac.uk/alumni

Deri House, 2-4 Park Grove, Cardiff CF10 3BN

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 bit.ly/cardiffalumni
 /cardiffuniversityalumni

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Cardiff Connect Spring 2017

Editor
Shayoni Lynn (MA 2010),
Communications Manager

Assistant Editor
Alex Norton (BA 2015)

Managing Editors
Craig McKenna,
Deputy Director of
Supporter Relations
TJ Rawlinson,
Director of Development
and Alumni Relations

Claire Sanders,
Director of Communications
and Marketing

Contributors
Emma Darling,
Head of Communications

Thomas Reeder (BA 2016, *International
Public Relations and Global Communications
Management 2016-*)

Design
CR Design

Barry Diamond,
Senior Designer
and Brand Manager

Illustration
Anton Brand

Produced by
Development and Alumni Relations

Printed by
McLays

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Keep in touch

t. +44 (0)29 2087 6473
e. alumni@cardiff.ac.uk
w. cardiff.ac.uk/alumni

Deri House, 2-4 Park Grove,
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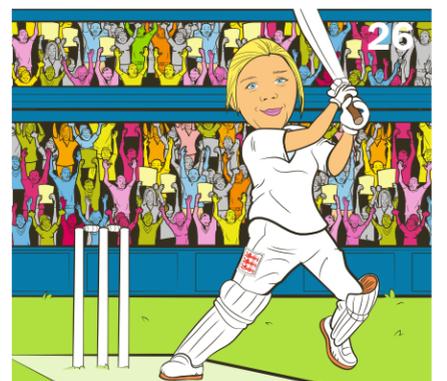
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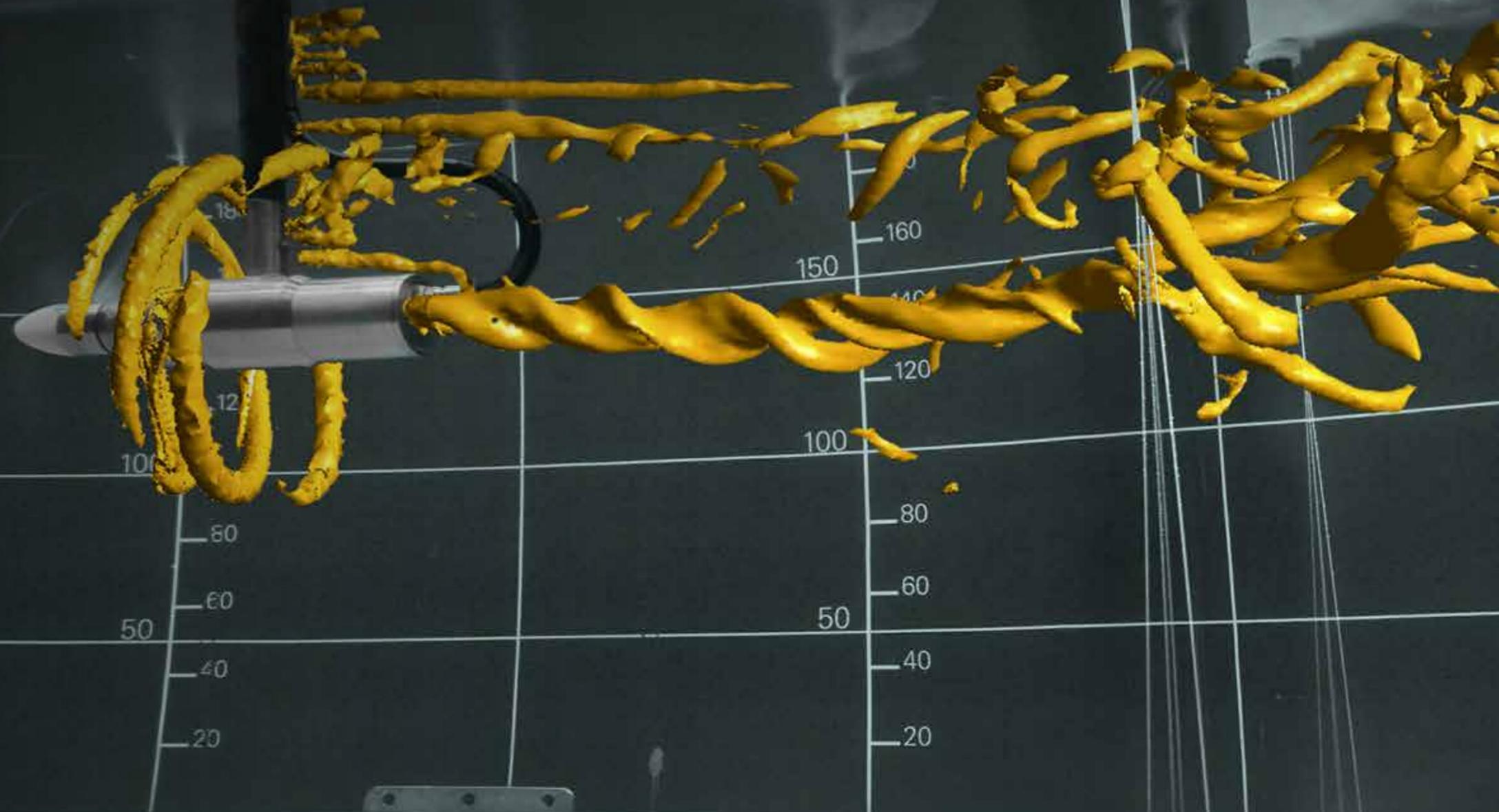
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Bringing turbine wakes to life

Tim Ebdon (*Engineering 2015-*) was awarded second place for his submission at Cardiff's Doctoral Academy event, Images of Research 2016.

Understanding the nature of these wakes could help make a significant contribution to reliable, predictable, renewable energy. Through accurately characterising a turbine wake, the potential environmental impacts can be calculated.

A wake from a tidal stream turbine, simulation and photograph combined.



News



GRADUATES TASTE SWEET SUCCESS

ALUMNI

Two friends who met in Cardiff are winning international plaudits for their innovative food and drink produce, including a range of alcoholic sweets.

Melanie Goldmith (BA 2011) and Emile Bernard formed Smith & Sinclair on the back of their popular cocktail-flavoured edible pastilles, which they created for a series of date nights in London.

Now, with a range of whisky, gin and tonic, and daiquiri inspired flavours, the company's products are gaining recognition, winning the Uprise start-up competition in Dublin in October.

"It's never easy to have an original idea, and even less so to make it work. However, we're passionate about creating an experience; that innovation and element of discovery is at the heart of what we do," said Melanie.

The duo are now starting to branch out into a range of other foods and inventive flavours.

To learn more about the company, visit smithandsinclair.co.uk



HEART RECIPIENT CREATES NEW BEAT

ALUMNI

Heart transplant recipient James Tottle (MSc 1994) and his band are raising awareness of the possibility of organ donation outside of Wales.

Over the past five years, the singer-songwriter has joined forces with 11 fellow performers and transplant recipients, releasing music under the name 'The Gifted Organs'.

Once given only six months to live, James is looking to raise awareness of the need to opt-in to organ donation – although in Wales, the programme has been automatic opt-in since 2015.

James said: "In the 20 years since my transplant I have been married, had a son

who is now 16, and won six medals at the four British Transplant Games I have competed at."

The Gifted Organs have recorded a total of eight songs in two prestigious locations – Real World Studios and Metropolis Studios. James hopes to release the tracks later this year, with proceeds going to charity.

To keep up to date with the band, visit [facebook.com/giftedorgans](https://www.facebook.com/giftedorgans)

ANAESTHETICS EXPERT RETIRES

UNIVERSITY

Professor Bill Mapleson (DSc 1973, Hon 2003), who opened the Mapleson Wing of the Mushin Museum in December, has retired after working for 64 years at Cardiff University.

The new wing plays host to a rotating education exhibit and a schools' engagement programme to educate the next generation.

Professor Mapleson was appointed to the Welsh National School of Medicine in 1952 as a Research Assistant in the Physics of Anaesthesia. He has made wide ranging contributions to anaesthetic science, helping develop understanding of a variety of subjects – from the pharmacokinetics of volatile agents to the flow dynamics of breathing systems.



MEDICAL TEACHING DELIVERED IN WELSH

ADDYSGU/TEACHING

Cardiff's School of Medicine has played host to the first ever medical lecture to be held through the medium of the Welsh language.

The Coleg Cymraeg Cenedlaethol session was delivered by Dr Awen Iorwerth (MBCh 1994), with the content simultaneously translated for non-Welsh speakers amongst the full class of students.

The lecture was filmed for the upcoming second series of Doctoriaid Yfory (Tomorrow's Doctors), the popular S4C documentary covering the working lives of future medical professionals at the School.

ALUMNA WINS ACADEMY AWARD

ACHIEVEMENT

Joanna Natasegara (BA 2003) has won an Oscar for The White Helmets, a Netflix documentary she produced about a group of volunteer rescue workers in Syria's civil war.

Joanna and the documentary's director, Orlando von Einsiedel, were the only British winners at this year's Academy Awards.

Joanna's mother, Barbara, said: "Joanna is passionate about giving a voice to the dispossessed, those people who can't necessarily speak for themselves.

"That's something that came from her time at University as much as anything else."

Joanna, founder of UK-based production company Violet Films, has also produced the BAFTA and Academy Award-nominated feature documentary Virunga, which tells the true story of rangers risking their lives to save an African national park.



AEROSPACE TECHNOLOGY TESTS FOR OSTEOARTHRITIS

RESEARCH

A disposable smart patch being developed by Cardiff University could help reduce costs of diagnosing and treating osteoarthritis.

Biomechanical and structural engineers at Cardiff are using aerospace sensor technology to test for early signs of the condition. They hope to utilise the technology – predominantly used to detect damage to aircraft wings – in the production of a smart

patch which can be attached to joints.

The technology then records subsonic cracking sounds to detect early signs of osteoarthritis, a common form of joint disease which affects 8.75m people in the UK.



BUILDING ART WITH PENCILS

DESIGN

A team of staff and students from the Welsh School of Architecture have joined forces with colleagues at Escola Tècnica Superior d'Arquitectura de Barcelona to create an art installation using almost 25,000 pencils.

The project was intended to challenge preconceptions around collaborative work, and required creative input from the teams of both institutions. In total, 250 staff members and students

were involved, each making an individual contribution of 100 pencils to the installation.

Sergio Pineda, of the School, said: "It is very rare in schools

of architecture, or in design institutions in general, to think about design as a collective endeavour.

"The installation was conceived as a platform to enhance the commonalities and connections amongst all those participating in the workshop."

CAN DEEP-OCEAN SOUND-WAVES PREVENT TSUNAMIS?

RESEARCH

Dr Usama Kadri, of Cardiff's School of Mathematics, suggests that the utilisation of acoustic-gravity waves (AGWs) could help prevent the destructive force of tsunamis.

AGWs are naturally occurring soundwaves, which can travel at the speed of sound, thousands of metres below the surface of the ocean.

In an article published in the journal *Heliyon*, Dr Kadri suggests that by finding a way to engineer AGWs, they can be fired towards oncoming tsunamis and help to dissipate energy, reducing their impact and potentially saving hundreds of lives.

"Up until now, little attention has been paid to trying to mitigate tsunamis and the potential of acoustic-gravity waves remains largely unexplored," said Dr Kadri.



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DIABETES DEVICE SET TO SAVE NHS MILLIONS

RESEARCH MEETS BUSINESS

A research study led by Cardiff University has found that a simple device for controlling and organising diabetes medication could prevent life-changing complications and save the NHS millions of pounds.

Cardiff University provided diabetes patients with an insulin delivery device, which allowed users to prepare insulin needles a week in advance, attach and remove them safely from the insulin pen, and offered touch-free disposal of used needles.

Before the study, 226 of the participants had either missed insulin injections or accidentally taken a double dose. During the study, University researchers found the rate of mistakes and accidents caused by needles dropped by approximately 20%. 99% of the study participants described a new feeling of control over their medication when using the device.

Professor Molly Courtenay, lead researcher on the study, said: "Our results show that insulin delivery devices are hugely beneficial in overcoming both physical and psychological barriers to effective insulin therapy. Use of the device increased successful adherence to the course of treatment by 50%."



MAKING MUSIC WITH XIAMEN UNIVERSITY

STUDENTS

Strategic partners Cardiff University and Xiamen University recently collaborated in a new way, when a student orchestra from Cardiff's School of Music performed at a concert in China.

Students from Cardiff spent nine days in Xiamen, where they enjoyed classes in Chinese language and culture, a kung fu lesson, and orchestra rehearsals with students of Xiamen University.

The trip ended with an evening concert at the Art College of Xiamen University, where students performed together in a collaborative orchestral concert.

Head of Cardiff's School of Music, Professor Kenneth Hamilton, said: "The tour to Xiamen was an absolutely unforgettable, artistically satisfying and culturally fascinating experience.

"All in all, it was a thrilling week and, I hope, the first of many similar collaborations."



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NATURAL BLUE COLOURING AGENT HAS COMMERCIAL BENEFITS

RESEARCH MEETS BUSINESS

Researchers from Cardiff University and 21 international partners are collaborating to help develop ways to use a natural blue pigment as a colouring agent for commercial application.

The pigment is currently used to increase the value of oysters, serving to create a gastronomically desirable shade of green and forming part of an industry worth millions of euros in France.

Cardiff University researchers are investigating how the pigment, which is produced by single-celled algae of the genus *Haslea*, can be used as a colouring agent at a commercially viable level, specifically within the cosmetic and food industries.



COLLABORATION WITH SUN YAT-SEN UNIVERSITY TO BEAT BREAST CANCER

RESEARCH

Cardiff University and Sun Yat-sen University recently signed a memorandum of understanding, and now aim to collaborate in the field of breast cancer research.

Joint research will focus on three specific areas: triple negative breast cancer; novel, targeted anti-cancer drugs directed against metastatic breast cancer; and clinical trials.

Both institutions have strong track records in laboratory and clinical breast cancer research, and will partner in the search for novel therapies which can improve breast cancer survival rates. Sun Yat-sen University has one of the largest breast cancer teams and clinical facilities in China, while Cardiff University is home to leading experts in the design and conduct of clinical trials.

BRAVO

School of Music alumnus **Steffan Hughes** (BMus 2015) has been unveiled as the newest tenor of Only Men Aloud, the Cardiff-based and internationally renowned male voice choir.

Professor Karen Holford (PhD 1987) has been named Deputy Vice-Chancellor of Cardiff University, replacing **Professor Elizabeth Treasure** who has joined the University of Aberystwyth as Vice-Chancellor.

Leading University researchers have been recognised in the Queen's New Year Honours list: **Professor Hywel Thomas** and **Professor Anita Thapar** receive CBEs, whilst **Professor Wen Jiang** is awarded an MBE.

Scriptwriter **Jodie Kay Ashdown** (MA 2015) has seen short film Leonard's Neighbours win Best Film at the It's My Shout Awards for up-and-coming Welsh filmmakers.

In the Stonewall Top 100 Employers List, Cardiff is the highest ranked university in the UK for its commitment to LGBT+ staff, placing 23rd overall.

Logistics expert **Dr Ruth Banomyang** (PhD 2001) has been named amongst the top ten alumni of UK universities in Thailand at a recent British Council awards ceremony.

Professor Emma Renold (PhD 1999) of Cardiff's School of Social Sciences is to chair a Welsh Government panel on healthy relationship education in schools.

School of Law graduate **Mark Cotter** (LLM 1993) has been sworn in as member of the Queen's Counsel by the Lord Chancellor.

Cardiff University was well represented across the Six Nations Championship this spring, with Welsh stalwarts **Sam Warburton** (Hon 2015) and **Jamie Roberts** (MBBCh 2013) in the Men's side and **Elinor Snowsil** (PGCE 2014) and **Robyn Wilkins** (BSc 2016) in the Women's team.

Former Cardiff University cricketer **Stefan Franklin** (BA 2016) has been selected to represent Switzerland at this summer's Pepsi T20 Cup in the Czech Republic.

DA IAWN



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NEW AVENUE OPENS FOR TREATING COMMON DISEASES

HEALTH

Researchers at Cardiff's School of Pharmacy and Pharmaceutical Sciences have discovered a clinical approach that could provide a new avenue for treating a range of common diseases including cancer, strokes, and high blood pressure.

It involves a process labelled "indirect kinase inhibition", and works by targeting a particular type of enzyme called kinase, which can malfunction and cause cancer, hypertension, and many other diseases.

Dr Youcef Mehellou (PhD 2009), who led the research, said: "Longer term, this research opens a new avenue for the discovery of new drugs for diseases such as cancer, hypertension, strokes, neurodegenerative diseases, viral infections and cardiovascular diseases."

VIRTUAL ENVIRONMENT COULD HELP TREAT VERTIGO

RESEARCH

Virtual reality, also known as VR, could be used to diagnose triggers in sufferers of visual vertigo and help to prevent occurrences of the symptoms.

A research team at Cardiff's School of Psychology are now looking to create a range of virtual environments closely associated with the experience, which typically manifests as extreme nausea and dizziness.

It is not widely known which environmental factors provoke the syndrome, which most commonly stems from damage to the inner ear.

However, Head of School and project leader Professor Petroc Sumner is hopeful that the technology now on offer represents an opportunity to make a decisive breakthrough.

"Virtual environments allow us to break down a scene into its components, to test what the key factors are," he said.

"Added to that, they may simply be more engaging and thus encourage more time to be spent on rehabilitation exercises."



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ANCIENT HUMAN FOOTPRINTS DISCOVERED ON WELSH COASTLINE REVEAL 7,000-YEAR-OLD HUNTING PARTY

Ancient human footprints discovered on the Welsh coastline are 7,000 years old and could show a snapshot of a Mesolithic hunting party, researchers have said.

Discovered in 2014, the pre-historic footprints of both children and adults at Port Eynon on the Gower peninsula were initially thought to date to the Bronze Age but analysis carried out at Cardiff University has revealed they are actually 3,000 years older than that.

Archaeology PhD student Rhiannon Philp (BSc 2009, MA 2011, Environmental Archeology 2014-) carried out radiocarbon dating on the fragile footprints, which now places them in the Mesolithic period, a time when humans were predominantly hunting and gathering.

Ms Philp, a student in the university's School of History, Archaeology and Religion, said: "These 'frozen' footprints made in fresh-water marshland give us a fleeting glance of a group of adults and children travelling together seven millennia ago.

"But the picture is even more precise. Wild animal tracks suggest deer and wild boar moving in the same direction.

"What we might be witnessing 7,000 years later is a snapshot moment of a Mesolithic hunting party tracking their prey through an open, boggy landscape now lost to the waves."

A spokeswoman for the university said post-Ice Age human footprints were rare in the UK, with only nine recorded intertidal sites, the majority of which are in Wales.

i, 1 March 2017, Johanna Carr

WalesOnline

BENEDICT CUMBERBATCH READS WELSH DOCTOR'S 'LETTER TO BOWIE' AT HAY FESTIVAL

Benedict Cumberbatch stepped up at Hay Festival's 'Letters Live' to read a letter considering David Bowie's approach to death, written by director for palliative care at Cardiff's Velindre Cancer Care Centre, Dr Mark Taubert (MSc 2010).

Dr Taubert was so struck by David Bowie's approach to death last year that he took to pen and paper to thank him. His letter was published in the British Medical Journal's supportive and palliative care blog in January 2016, and urges people to talk more about death and dying.

It was retweeted by David Bowie's son - his first tweet since the star's death - and subsequently went viral on social media.

Benedict Cumberbatch's performance was the last act of the evening at Hay, and he was clearly moved, thanking 'Dr Mark' for the letter.

Dr Taubert said: "It was a magical moment and I was particularly struck by audience members asking questions about palliative care and discussing care at the end of life after the event had finished.

"A lot of people were in tears and they may have had direct experiences with their loved ones dying or even facing death in terminal conditions. Some of the issues I touched on in my letter are likely to have brought back these experiences."

Having got over the exhilaration of hearing Benedict Cumberbatch read his letter, he hopes his words will carry on helping people approach the fearful subject of death.

"Perhaps such letters, articles, blogs and words, as well as the celebrities that help spread them, can be conversation starters for what we call the 'Big Conversation'," said Dr Taubert.

As Ice Breakers go, his letter is a great start. David Bowie, the taboo breaker, would have loved it.

Wales Online, 6 June 2016, Abbie Wightwick

The articles reproduced here are edited versions of those originally published in the above titles.

IN THE NEWS

The Fiji Times

IN A NUTSHELL

Many people would usually refer to the coconut tree as the "tree of life", or as the sporting world would know as the iconic logo of Fijian rugby.

But for two friends from the UK - Callum Drummond (BSc 2016) and Ellis Williams - it's innovation in a nutshell.

The duo first visited Fiji in 2012 as volunteers on Batiki Island in Lomaiviti to teach and coach sport at the island's primary school. Mr Drummond said the people of Batiki were amazing and treated them like family.

"We wanted to find a way of helping the families who had been so kind to us," he said. "We then started trying to create a business plan to produce pure virgin coconut oil on Batiki, ship it to the UK, jar it, and then reinvest the profits back into the community in order to develop housing, healthcare and education."

Mr Drummond said the [Bula Batiki] business venture provided six months of sustainable income to the island.

The Fiji Times, 16 February 2017, Filipe Naigulevu

Dr Alan Lewis

Dr Alan Lewis (PhD 1971) is CEO of DiaVacs, a San Diego-based company developing products to reverse the onset of autoimmune diseases.

My dad was a pharmacist and was teaching at Cardiff's School of Pharmacy. He introduced me to Dr Paul Nicholls, who was the head of Pharmacology; it seemed that this would be a great opportunity for me to return to Wales and complete a doctorate which was in keeping with what I enjoyed as an undergraduate at Southampton University.

My grandfather was a coalminer around the Valleys. He had pneumoconiosis and his breathing was impaired when he got older. I wanted to use human tissue for my research, and was able to pick up a sample of lung tissue from a coalminer. When I saw this sample, I was shocked – it didn't look like tissue at all. That was an eye-opener; I realised what the miners had to go through in those days.

What I really wanted to do with my journey was drug discovery and development. I watched a movie called Easy Rider about two guys driving across America on motorbikes. I wanted to experience that, so I moved to Yale on the East Coast and joined a company called Wyeth, who are now part of Pfizer. If I hadn't gone to Cardiff to do my PhD, and realised the importance and significance of having a fellow Welshman [Dr Nicholls] to guide me, I would never have had that opportunity.

I've had a significant amount of experience researching diabetes. Type 1 diabetes (T1D) is a chronic condition, caused by insulin deficiency following an autoimmune disruption of the pancreatic beta cells. There are 3 million T1D patients in the USA. The only useful therapy today is lifelong insulin injections and the complications are pretty horrendous.

A group at Cardiff University have engineered a non-invasive blood glucose measure.

While you're waiting for the cure to come along, it's really important to make sure the patient can control their blood sugar levels. Innovation is so important today, and most of the innovation comes from universities.

We're still a long way from curing this disease.

What we're doing in the interim is attempting to treat it. At DiaVacs, we're attempting to modulate the immune system to stop it attacking pancreatic beta cells and causing insulin deficiency. Our approach is to focus on another important cell type: the dendritic cells.

I like to think of the dendritic cell as the orchestra leader of the immune system. We are trying to manipulate them into tolerogenic cells, which suppress the immune system. By adding antisense molecules to the dendritic cells, we can silence certain genes and produce the desired effect. One of our programmes is currently being tested in the clinic, ready for Phase 2 study.

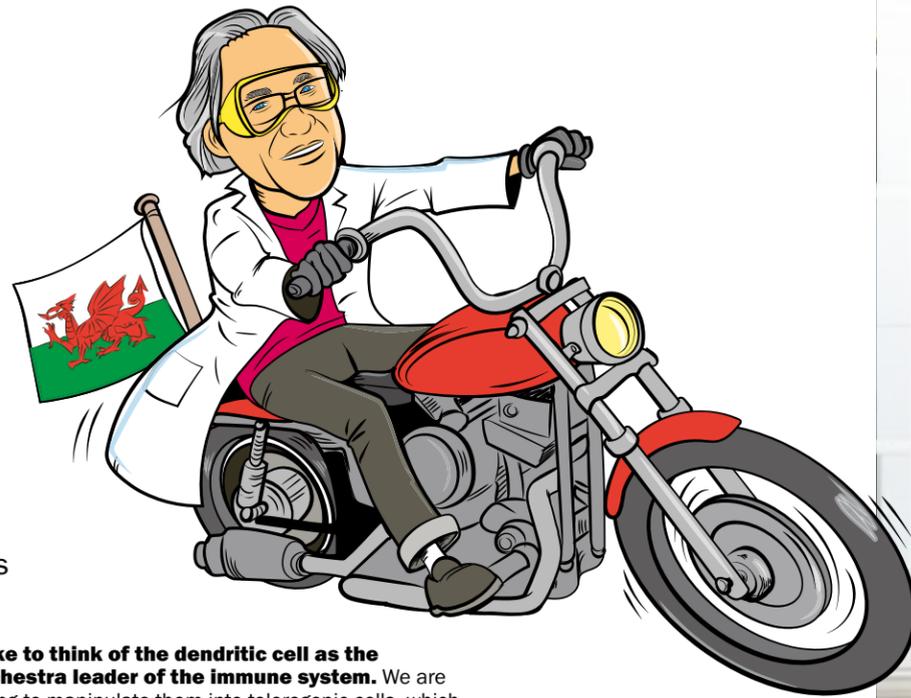
Donald Trump is trying to speed up the FDA approval system. We'll have to wait and see! Getting FDA approval for new drugs and therapy can take five years, and we're competing with other companies trying to do similar things. It will take a while before this treatment can be made available. Anything to do with Trump is a bit precarious, so we'll leave it at that.

San Diego is a beautiful place – and believe it or not – you can get to the ski slopes in just a few hours. And if you're a scientist and you want to get into the business aspects of science, this is a great location to start. We've got a lot of biotech companies, pharmaceutical companies like Pfizer, as well as important research institutes and universities. It's an excellent location for post-doctorate courses.

In March we went to the Rugby Sevens in Las Vegas. Wales participated in that; a whole group of us, including a couple of Welshmen, went to support our respective teams. I miss Welsh singing! I miss the rugby, although soccer is much more visible in the US - I watched the EUROs with a great deal of interest last year. I was lucky enough to be in Paris for two of the games. It was awesome!

There are three types of people in this world: the Welsh, those who want to be Welsh, and those with no ambition! I saw that on a postcard in Barry, and I'll always remember that. Ambition and luck can make one's journey very rewarding. ■

Read more at:
cardiff.ac.uk/cardiff-connect



FAKE NEWS

EXTRA EXTRA READ ALL ABOUT IT

Deputy Head of Cardiff's School of Journalism, Media and Cultural Studies and Director of the Centre for Journalism
Professor Richard Sambrook explores the reality of fake news and the importance of good journalism today.

EXAMINED
LIFE

In a turbulent era of fake news, Donald Trump, Brexit, online trolls, bots, Russian hackers, disinformation and lies, the need for accurate reporting and informed comment and analysis is all too clear.

At uncertain times, people need information they can rely upon in order to make informed choices about their lives.

But we should make no mistake, the populist politics of the moment – and the shifts in media consumption – mean that it is harder than ever to be sure about the quality of the news and information we consume.

The internet has allowed anyone to take part in public debate. There is much to be celebrated about a more democratic media environment – but it has also led to deliberate misinformation (sometimes for commercial reasons, often for political reasons) – which has become toxic.

More fundamentally, traditional journalism has been based on enlightenment ideals of facts, evidence and open debate. Much of it (although not all) attempts to occupy the neutral middle ground. But the middle has given way in an increasingly polarised set of political arguments – “either you’re with us or against us”. And journalism, attempting to be objective, can find itself on the wrong side of every argument as a result. It’s a difficult time to be a journalist.

However, political campaigns of deliberate misinformation have

been seen to work, so we can expect more of them. And that’s only one part of the problem. Facebook and Google reach billions of people around the world – but treat authoritative news in the same way they treat fake news or cat videos. Indeed they favour the sensational, true or false, over the dull but accurate.

Levels of media literacy have fallen significantly behind the huge volumes of information we are all surrounded by daily. Many people are simply unable to understand the complex issues which lie behind what they see online or read, hear or watch every day.

And contributing to what sometimes feels like a perfect storm, the economic model for well-resourced news is collapsing as newspapers disappear or hollow out their newsrooms, leaving much of local government in particular unscrutinised. What is sometimes called the “democratic deficit” – a lack of knowledge or understanding about how democracy functions – is feeding into the dissatisfaction reflected in the Brexit vote in the UK and populist elections globally.

The latest research confirms that publishers around the world are facing unprecedented levels of disruption to business models and formats from a combination of the rise of social platforms, the move to mobile phones as a primary source of information and the rejection of online and digital advertising by consumers.

As a consequence, costs are being cut, media sensationalism is rising in attempts to get noticed and in many areas quality of information is suffering.

This doesn’t just affect the media. The “post-truth” climate is affecting all sectors and all forms of communication. The complexities of communicating climate change have long been discussed with polarised views persisting in spite of the overwhelming evidence about the science. Now the same tensions are applying across almost every area of human activity.

Are free trade blocs good or bad? Do lower prices justify closing factories and damaging communities as jobs go overseas? Is immigration a net contributor or drain to our economy? Should we cast aside the preconceptions of the Cold War and forge new alliances with old enemies or should we beware their hidden agendas?

We may all have opinions, but public agreement about evidence seems harder than ever to reach.

Good journalism, then, matters. Public debate and decisions rest heavily on the quality of news and information they receive – and a robust, high quality, ethical media can make a profound contribution across the societies they serve.



**PROFESSOR
JUSTIN LEWIS**

**PROFESSOR OF
COMMUNICATION**

Following President Trump’s attacks on the US news media, the question of media bias has become a hot topic. At Cardiff, we have devoted both time and resource to this issue, conducting a number of impartiality reviews for the BBC Trust, as well as exploring, in recent years, a range of issues from the coverage of migration across European media to Brexit in the UK.

A first rule of thumb is that those who shout loudest about media bias – whether Donald Trump or the *Daily Mail* – often have a political axe to grind and little independent evidence to support their claims. In the UK, our national press leans firmly to the right – something we might expect given the wealth and resources required to run a newspaper. We know from a range of studies that this shapes the news they choose to report and the way they report it.

Our broadcasters, by contrast, are legally obliged to be impartial. This can be a difficult balancing act: the need for impartiality has to be set against reporting what the weight of evidence tells us. So, for example, it is misleading to report climate change as a debate between climate scientists and sceptics, when the overwhelming weight of scientific evidence is with the climate scientists.

Perhaps the greatest threat to impartiality comes when powerful voices – notably politicians and private media owners – put pressure on broadcasters (especially the BBC) in an attempt to push them towards their agenda. To maintain impartiality, broadcasters need not only to resist this pressure, but recognise the biases displayed by our more partisan newspapers.

FAKE NEWS

Facebook and Google reach millions of people around the world - but treat authoritative news in the same way they treat fake news or cat videos.

FAKE NEWS



MARTIN LEWIS
OBE (PGDIP 1998)
FOUNDER,
MONEYSAVINGEXPERT.COM

I'm very proud to be a journalist, even though many often think I'm not. It's a glorious profession that, done well, empowers millions. I admit I never (and never wanted to) wander into war zones, walk a local beat, or frankly even network for stories. Much of my research is done with data, spreadsheets, product information and thinking. It's also true that my broadcast work is as much about enthusing as it is informing.

Now let me take this confessional a stage further. I'm proud to be a biased journalist. There, I said it. I don't aim for balance. I am unashamedly pro-consumer. I don't put the other side. My aim is to show people how to cut their bills and fight financial injustice. If the TV lawyers demand a firm's given a right to reply on my show, fair enough, but I never voice it myself.

Too often lip service is given to impartiality. Yet campaigning journalism has a truth of its own. An agenda can be a good thing – as long as it's declared, not hidden.

However all of this requires an understanding of fairness, accuracy and storytelling. Without my Cardiff postgrad course, I don't think I would've got there. It was a great time. My new media attitude (and it really was new then) meant for glorious friction about stories with the old school hack and teacher Bob [Atkins], from whom I learnt much and ignored some - while also learning the language, skills and etiquette of broadcast journalism from Colin [Larcombe].

Cardiff's answer: train principled journalists

PROFESSOR RICHARD SAMBROOK
CONTINUED

So, where does this leave us?

It is a defining moment for those who work and study at Cardiff's School of Journalism, Media and Cultural Studies (JOMEC).

The subjects we tackle here have rarely carried such importance, and our exceptional research record has seen the School recognised as one of the very top institutions in the UK – with a score of 100% for our research environment and the impact of our research in the last Research Excellence Framework report.

Such expertise is built upon a proud history of vocational journalistic training, focusing on strong practical skills backed by a solid understanding of ethical,

legal and civic issues. In an age where media literacy has fallen significantly, employers consistently tell us that our graduates arrive with the skills and critical thinking to be “newsroom ready”.

We take great pride in our alumni, who have reached the highest levels of the news media at home and further afield.

This spans the breadth of the industry: from those behind the camera such as ABC News president James Goldston (PGDip 1991) to those in front of it, like ITV's Susannah Reid (PGDip 1993, Hon 2015) and MoneySavingExpert.com founder

Martin Lewis OBE (PGDip 1998) – to those working in print, such as the *Times* editor John Witherow (PGDip 1977) or the *Mirror*'s Kevin McGuire (PGDip 1984).

We are also proud to enjoy a close association with a number of industry luminaries, such as BBC News anchor Huw Edwards (BA 1983, Hon 2003), former long-serving *Guardian* editor Alan Rusbridger and even Honorary Professor Carl Bernstein – a man whose key role at the heart of the *Washington Post*'s Watergate investigation embodies the spirit of the Fourth Estate.

However, we are all too aware of the need to innovate and keep pace with the rapid developments in media.

Cardiff's MSc in Computational and Data Journalism is at the leading edge of vocational training, combining coding and technology development with journalism – whilst the joint MBA with Cardiff University Business School specialises in the management of media businesses amidst tremendous economic upheaval.

Furthermore, the Centre for Community Journalism helps develop hyperlocal sites around the UK and support those running them – trying to address

that democratic deficit many communities feel. To that end, we have also developed the world's first Community Journalism free online course.

But the wider question we must consider is how to build on our track record to take forward the original vision of a centre of excellence for journalism and media education. Whether in the media, government, corporations, or civil society we need more ‘information professionals’ able to understand the ethical, practical and other difficulties of gathering, analysing, producing and distributing information – with strong storytelling.

That is why we are developing a new centre for the School.

Situated amongst the new BBC Wales headquarters and MediaWales offices in Cardiff's Central Square, our new home – to be opened in two years' time - will allow us to develop the School's traditional strengths, grow our activities and develop into not just a UK centre of excellence but a global centre for journalism and media.

We believe our role is to help both strengthen and improve media and also to help the public critically assess and understand the information on which they depend.

To achieve this we will be growing the School in terms of courses and students, establishing a new research environment and the facilities and space to innovate alongside industry. Universities have to remain relevant to the societies they serve. We therefore believe it's important to build on our decades of expertise to support like minded individuals and institutions meet the unprecedented challenges of the time and fulfil their democratic function. ■

Read more at:
cardiff.ac.uk/cardiff-connect

Modiwl newydd newyddiaduraeth Cymraeg Prifysgol Caerdydd yn herio

NEWYDDION FFUG

Mae modiwl Cymraeg unigryw newydd, 'Cymru: Y Senedd, y Straeon a'r Spin', yn rhedeg am y tro cyntaf ym Mhrifysgol Caerdydd ers mis Chwefror 2017.

Cynlluniwyd y modiwl dan nawdd y Coleg Cymraeg Cenedlaethol. Dyma ffrwyth llafur partneriaeth rhwng Sian Morgan Lloyd, Darlithydd y Coleg Cymraeg Cenedlaethol yn yr Ysgol Newyddiaduraeth, y Cyfryngau ac Astudiaethau Diwylliannol ym Mhrifysgol Caerdydd ac Iwan Williams, Darlithydd y Coleg yn Ysgol y Cyfryngau a Chysylltiadau Cyhoeddus ym Mhrifysgol Abertawe.

Amcan y modiwl, sydd ar gael i fyfyrwyr cyfrwng Cymraeg y ddwy Brifysgol, yw datblygu dealltwriaeth myfyrwyr o'r berthynas bwysig sy'n bodoli rhwng gwleidyddion,

newyddiadurwyr a'r diwydiant cyfathrebu yng Nghymru. Yn ogystal, bydd yn sicrhau bod myfyrwyr yn ymgyswngol gyda thirwedd gyfryngol y Gymru ddatganoledig; yr heriau o ran plwraliaeth newyddiaduro, a'r modd y mae'r agenda newyddion yn cael ei llywio gan wleidyddion, lobiwyr ac ymarferwyr cysylltiadau cyhoeddus.

Bydd y modiwl yn cael ei astudio gan fyfyrwyr BA Cymraeg a Newyddiaduraeth y flwyddyn gyntaf. Bydd y modiwl hefyd ar gael i fyfyrwyr israddedig yr Ysgol Newyddiaduraeth, y Cyfryngau ac Astudiaethau Diwylliannol sy'n awyddus i barhau astudio a dysgu yn Gymraeg.

This feature discusses the new Cardiff University Welsh journalism module devised to challenge 'fake news'. To read this feature in English, visit cardiff.ac.uk/cardiff-connect

Eric Tan

Eric Tan (BSc 2003) is founder of Fifth Journey, a Hollywood-backed gaming company bringing the movies to mobile devices.

I've lived in three continents and been exposed to many different cultures. I was born in Hong Kong, and moved to America aged 11. I returned to Hong Kong before moving to Cardiff to study for an undergraduate degree in Business Management. It was during my time in the USA that I understood there was such a thing as MTV, such a thing as people queuing up to buy records. In the UK, there's a lot of exposure to a variety of music; I discovered the BRIT Awards, and the MOBO Awards.

Growing up, I associated happiness with going to the movie theatre or buying vinyl records.

I was surrounded by entertainment products, and some members of my family worked for record labels. Their stories about the 'stress' of having to hang out with Elton John or George Michael blew me away! I was desperate to learn more about the industry, and eventually spent some time working for Universal Music. I may never have had that opportunity had I stayed in Hong Kong.

I have vivid memories of my dad bringing home the first generation Nintendo. I was six years old at the time, and it was just one of those days you never forget. That led me to Gameboy, Sega Megadrive, and more. But it was my work at Gameloft, years later, where I really cemented the foundations for a movie-gaming career.

My Cardiff degree certainly opened doors for me. I realised the importance of theoretical study in preparing yourself for a future career and in my Entrepreneurship in Small Businesses module I had to produce a business plan. I'd be embarrassed to share it now – it probably made no sense – but that exercise was extremely valuable, and a fundamental experience for any aspiring entrepreneur.

I made lifelong friendships and networking opportunities at Cardiff University. During my Business Administration year I met people from all walks of life, and we keep in touch. I have a network of wonderful people to rely on – whether it be from a fundraising point of view or needing general advice – and this is something I value greatly.

Living in Cardiff was never boring. Queen Street had plenty of culture, and an abundance of entertainment to keep my weekends (and weeknights!) busy. There was no shortage of nightlife, with bars, restaurants, and regular club nights on offer. I'm a music guy at heart, and I particularly enjoyed the city's special R&B events on

a Tuesday. Entertainment – along with the appealing living costs – is what ultimately drew me to Cardiff.

Anyone that has a mobile phone can call themselves a gamer. I specialised in the development and publication of Hollywood games for mobile platforms, such as Iron Man 3, Captain America 2, and the Dark Knight Rises. I worked on Despicable Me: Minion Rush, which went on to be a global and all-time bestseller. At the time, a lot of money was being poured into mobile gaming in China, but Hollywood weren't involved.

I spotted an opportunity to branch out and do it on my own and founded Fifth Journey in 2014.

Our strategy is to combine Hollywood movies with working mobile game engines. In the past, Hollywood went all-in to PC Console Gaming and lost a lot of money; we're helping to repair their inefficiencies. We're backed by three major studios: Universal Pictures, MGM, and Lionsgate, as well as the actor and comedian Kevin Hart. Fifth Journey connects their games across multiple platforms, as well as incorporating the in-game sales potential of auxiliary products such as cinema tickets or merchandise.

Virtual reality has the potential to blur the boundaries between games and movies.

Smartphones and their processors are becoming more powerful, and there's scope to put gamers in 3D re-creations of their favourite movies. We are working on VR projects, but we have our reservations as to whether it can transcend into mass markets - it's easy to carry a smartphone on the tube or bus; it's not so easy to carry a headset.

Don't overlook the power and long lasting influence of internships. That would be my advice for anyone looking to break into this industry – or any industry. I once had the opportunity to intern at a record label but rejected it on the basis that it didn't pay, instead of thinking about the long term value it offered. I still kick myself over that; I could have been the next Simon Cowell! ■

Read more at:
cardiff.ac.uk/cardiff-connect



New spaces create new opportunities

Head of Cardiff's Welsh School of Architecture and Chair in Sustainable Design **Professor Chris Tweed (PhD 1989)** writes about the new physical spaces that "will change the face of the University and city for generations".

What do you remember from first arriving at university as a student? When I arrived in Cardiff to study at the Welsh School of Architecture I recall the distinguished, if rather stern, Neo-Greek classical facade of UWIST's Main Building (now the University's Bute Building) and the approach along the tree-lined King Edward VII Avenue. Those first impressions conjure up memories of an exciting but daunting time that will stay with me forever. After a few months, of course, the sombre facade of the Bute engendered fondness for a home from home, full of adventure, challenges and new friends. I imagine the same is true for students arriving today, even those staring at the shiny screens they hold an arm's length away. From a student's perspective, I'm sure place still matters.

Many years before, the celebrated Welsh architect and former head of the Welsh School of Architecture, Professor Dewi Prys-Thomas, described his first encounter with Cathays Park having arrived from rural North Wales as follows:

"The impact of that magical first impression is indelible... All these noble buildings shone in mellow harmonies of white."

Those who have been privileged to sit through any of Dewi's mesmeric lectures will hear these words delivered as a hoarse whisper punctuated by a dramatic pause — when he drew on his untipped Senior Service cigarette — before exhaling the dependent clause in a cloud of grey-blue smoke. The spellbound room would then resonate to the staccato click of his fingers, his cue for the technician at the back of the lecture room to advance to the next slide. Long before anyone talked about learning technologies, he relied on pure theatre, and nicotine.

Those first impressions conjure up memories of an exciting but daunting time that will stay with me forever.

New spaces create new opportunities.
Proximity nurtures collaboration. That is the rationale behind many of the new ventures the University is pushing forward.



What memories are we building for tomorrow's students? It is reassuring to see the University understands how important physical places are to nurturing the inquiring minds of staff and students. This is underlined by a commitment to providing top class research and learning environments. Discovery needs to happen somewhere and the University is creating more spaces for those Eureka! moments in laboratories, libraries and lecture rooms with an ambitious programme of building. This will make a lasting contribution to the built environment in Cardiff and Wales. It will change the face of the University and the city for generations.

Cathays Park sets the bar high: it has been called a 'mini-Washington' with its collection of fine buildings, laid out along the tree-lined avenue, gathered around Alexandra Gardens (the perfect balm for exam-frayed nerves), and yet only five minutes' walk from the city centre. The new Centre for Student Life (see photo above and on pages 18-19) will extend the 'white city' of the Park across Park Place to a site opposite the University's Main Building and in front of the Students' Union. Full planning permission was granted for this building in December 2016.

New spaces create new opportunities. Proximity nurtures collaboration. That is the rationale behind many of the new ventures the University is pushing

forward. On the Innovation Campus, the Cardiff University Brain Research Imaging Centre, the Hadyn Ellis Building, and the Cardiff Business School Postgraduate Teaching Centre will be joined by two new centres of excellence, Innovation Central and the Translational Research Facility. Innovation Central will be home to two facilities: the Innovation Centre, designed to provide start-up companies with the resources and support to encourage growth, and the Social Science Research Park (SPARK) which aims to provide innovative and effective solutions to pressing, global, societal problems.

In the same year, a short walk from there will take you to the Schools of Computer Science and

Mathematics co-located in a new building headed for the designers' sketchpads, drawing boards and computer workstations later this year. This will result in a 10,000m² centre of excellence to deliver innovative teaching and research and facilitate new synergies between the two schools.

A new library is also planned for the future, underlining the University's commitment to creating physical places for people to come together to access the reliable information and knowledge that fuel creative imagination, critical analysis and crucial innovation. Technology may open new channels of information, but sharing physical space with each other encourages us to challenge and question the sources and provenance of knowledge in free and open debate, which is essential to the University's role as the critic and conscience of society.



1883

In 1883, the University College of South Wales & Monmouthshire opened its doors on Newport Road; it would be home to the institution for the next 26 years.



1909

A move to Cathays Park was completed in 1909, and the Edwardian façade of the Main Building remains the focal point of the University today.



1916

Originally part of Cardiff Technical College, the neoclassical Bute Building was built in 1916 and has been an appropriate base for the Welsh School of Architecture for almost a century.



1971

The Welsh National Medical School moved to Heath Park in 1971, and today the site is home to Cardiff University's School of Medicine following a re-merger in 2004.

SOPHIE TIMBERS (BA 2015)

Cardiff University Students' Union President 2016-17

Cardiff University Students' Union has been involved in the Centre for Student Life project from the very beginning and it has been incredibly exciting for successive Sabbatical Officers to contribute to this during their time in office.

We know that the campus upgrade as a whole represents the single biggest investment in the student experience for a generation. However, the University has been supporting the Students' Union in delivering phased redevelopment since 2011.

The effect is visible throughout the building, creating spaces specifically designed to enhance student life in Cardiff – including the transformation of the nightclub on the second floor into a multi-purpose venue for the day and night, and the redevelopment of a space on the first floor to create a dance studio for our student groups to use.

The wider public have also benefited from the University's substantial input into the recent transformation of the Senghennydd Road entrance, which now provides a warmer welcome and a range of shops and cafés for all who want to use them.

I'm very happy that Cardiff City Council have now backed the University's ambitious plans to create the Centre for Student Life. The co-location of the Centre and the Students' Union will enable easier access of services, which will benefit students enormously.

The partnership between the Students' Union and the University is a vital one for both parties and this will allow us to work even more closely together in the future.

and provide the backdrop for lives at a critical juncture in their development. The quality of its architecture is crucial to the success of the University and its reputation as a global institution. Perhaps even more so now that images are so easily shared around the world. Photographs of the estate are often the public face and first point of reference for future students. But the architecture will be more than the background to thousands of Instagram posts, or Doctor Who sets, it will epitomise everything Cardiff University stands for. To succeed in this it must embody Vitruvius' three requirements for good architecture: commodity, firmness and delight. Overlook the last of these and we have mere buildings. We owe it to those who choose to study and work at Cardiff to greet them with delight. ■

Despite the increasing level of online tuition, geographical place will always remain important for education. People will continue to be attracted to Cardiff: firstly, because of the ability to share space with others engaged in learning and discovery – fellow students – and face-to-face access to renowned academics; secondly, because the University's investment will offer facilities that are not available elsewhere; and finally, because the city of Cardiff is one of the most liveable cities in Europe with a quality of life and affordability to rival the best in the UK.

The ways we learn, the ways we teach and the ways we discover new knowledge are changing, but they all take place somewhere. And that somewhere will always be important. Its qualities will set the tone for our experiences



INSIDE THE BEAUTIFUL GAME

As Cardiff prepares to play host to the 2017 UEFA Champions League final, we hear from five alumni working in the world's favourite sport.

**MATT JONES
(BSC 2010)**

Business Analyst at UEFA, the governing body of European football

"Ce maillot appartient à quelle équipe?" I was asked on a June morning last year, whilst walking through the streets of Bordeaux.

It was a few hours before Wales kicked off their EURO 2016 campaign against Slovakia. The gentleman in question had never seen a shirt like mine and was asking to which team it belonged.

Fast forward three weeks, and to Lyon on the day of the first semi-final: Wales vs Portugal. Walking to the stadium, I was serenaded by

chants of "Pays de Galles" by hundreds of locals, all of them wanting to see the Welsh progress to the final.

Even before the tournament, the respect for Welsh football at UEFA was enormous. As one of the original four members of the International Football Association Board (IFAB), the body which first defined the international rules of the sport in 1886, the Welsh FA is seen as a true founding father of the game.

That, combined with Cardiff's hugely successful hosting of the UEFA Super Cup in 2014 and now the UEFA Champions League final, means that Wales (and Cardiff in particular), is about to attain a global profile.

I graduated from Cardiff University in 2010 with a 2:1 in Computer Science, and moved to Switzerland to work for UEFA in January 2015. I am an IT Business Analyst, which involves understanding any aspect related to European football which could be improved through the use of technology.

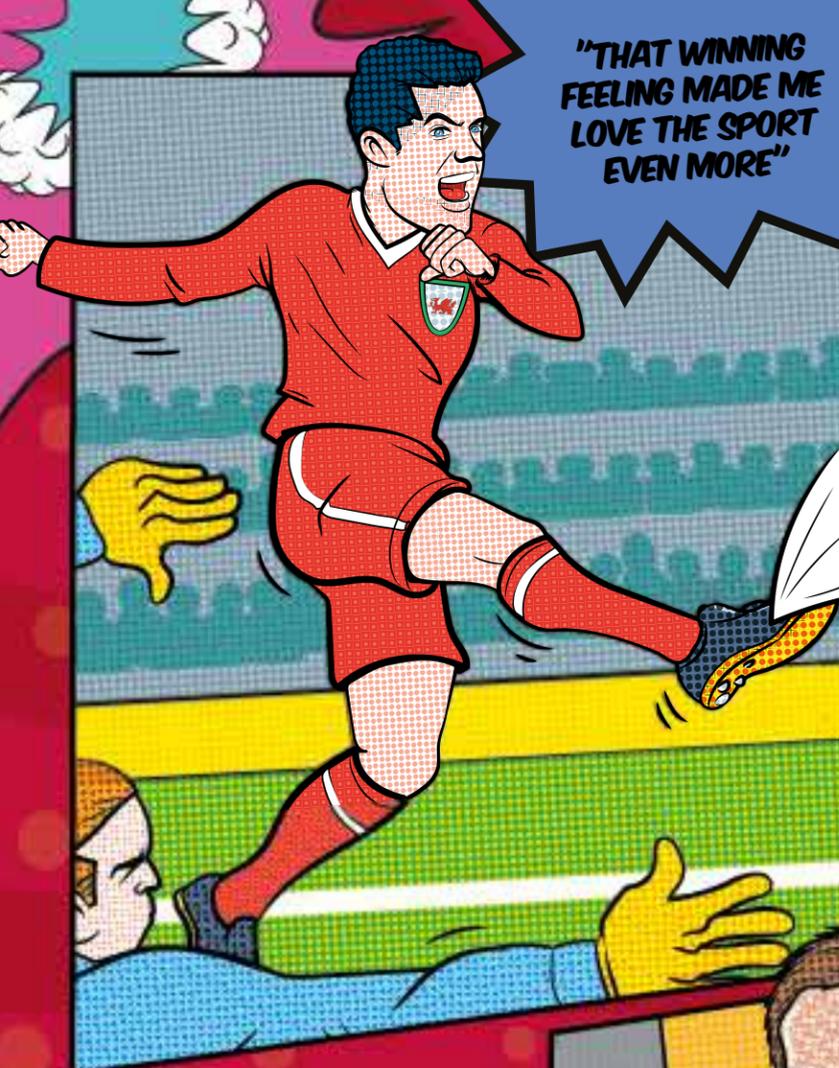
I remember one first year lecture in which the lecturer was talking about possible roles; as soon as he described that of Business Analyst, I knew it was for me. It's strange to think about where I would be if I had missed that one lecture.

Working at UEFA as a proud Welshman couldn't get much better at the moment. Such is the interest that I have been stopped more than once by colleagues asking if I can teach them basic

greetings or how to order a beer in Welsh!

I've also been asked what to do before the match; particularly which beaches to visit (Rest Bay, Porthcawl is my recommendation!). I usually explain that the great thing about Cardiff is the variety: sport, live music, theatre; the choices are endless.

During the week itself, we'll have the UEFA Women's Champions League final on 1 June at Cardiff City Stadium. It offers a great chance to experience a Champions League final atmosphere, as does the Champions Festival in Cardiff Bay – it includes a Legends Game, which is always a real highlight.



"THAT WINNING FEELING MADE ME LOVE THE SPORT EVEN MORE"

ELLIOT THOMAS (BA 2012)

Wales' highest capped futsal player

For the last four years, I've been playing futsal for both Cardiff University and Wales – last year we beat England 6-2 in the final to become Home Nations champions! Never before has the Welsh slogan, "Together Stronger", been more apparent than that weekend.

My futsal career undoubtedly has its roots in my time as a student; without the set up in place at Cardiff, I would not have been able to trial for the national squad, and therefore not been able to become the highest capped Wales national player to play the sport.

With that in mind, I can't think of a more perfect venue than Cardiff for the Champions League final in 2017. In tandem with the success of EURO 2016, I hope it can kick start a culture of grassroots, technical football that can only benefit Welsh sport in the future.

Either way, let's hope for an amazing final to complement an amazing city.



"WE MANAGED TO LIGHT UP THE EIFFEL TOWER IN THE WELSH FLAG COLOURS TWICE!"

Read our alumni contributors' full stories at: cardiff.ac.uk/cardiff-connect

LAUREN DAVIES (BA 2015)

Media and Marketing Assistant for the Champions League at the Football Association of Wales (FAW)

My main responsibility is the Wales Women's game but my role also incorporates the Senior Men's side - and it was in that role that I headed out to EURO 2016.

I managed FAW's social media platforms, and it was fantastic to scroll through our notifications to see how excited everyone was back home. We managed to light up the Eiffel Tower in the Welsh flag colours twice! That was such an achievement, to know that our content was engaging a new fan base across the globe.

The Women's final will also be taking place in Cardiff and I'll be watching keenly; looking back at the EUROs, I'd like to create a similar feeling around the Wales Women's team. We've got a fantastic bunch with some great personalities and we really want to see bigger attendances from fans and media.



"I'LL BE HELPING TO MANAGE THE VOLUNTEER CENTRE AND THOSE ON SHIFT WITH ANY ISSUES"

JAMES WOODROOF (BA 2006)

Head of Content at Crystal Palace Football Club

Working in any part of the sports industry is undoubtedly a privilege for those lucky enough to do so, and working for a club or governing body is - in my opinion - the ultimate.

Those working in Premier League club media teams exist to create informative and entertaining content to enthuse fans and help ensure club platforms are the best place to follow the club, enabling commercial return.

Content teams are understandably keen to push the boundaries to grab fans' attention - there's nothing worse for fans than bland, corporate content! But if we over step the mark or misjudge a situation slightly (probably on social media), a situation can be inflamed and become a PR challenge.

But as the guardians of club platforms, we always strive to create media that presents the club and its players in the best possible light - and will resonate with our fan base, wherever they may be.



"WORKING IN ANY PART OF THE SPORTS INDUSTRY IS UNDOUBTEDLY A PRIVILEGE FOR THOSE LUCKY ENOUGH TO DO SO"

THOMAS KEOHANE (BSC 2014)

2017 UEFA Champions League final Volunteer Coordinator at Football Association of Wales (FAW)

As a proud Cardiffian, graduate of Cardiff University and huge football enthusiast, the opportunity to support the biggest global sporting event of 2017 in my traditionally rugby-biased home city was unmissable.

I am the Volunteer Coordinator with the Local Organising Committee for both the Men's and Women's finals in June. My role is diverse. So far, I've spent most of my time visiting universities and colleges, promoting the opportunity to volunteer at the final.

Volunteers are vital in ensuring the success of any large-scale event and as Cardiff is the smallest city ever to host the finals, we need more volunteers than ever before.

We're now in the process of screening applicants and facilitating around 1800 interviews - while organising a party for all volunteers to be hosted on 4 June with free food, drink and entertainment.

Without volunteers, these finals simply couldn't take place. ■

Heather Knight

Heather Knight (BSc 2012) is captain of the England cricket team.

I started to fall in love with cricket when I was about six years old. My brother and I played in the back garden, and we both joined the local cricket club, Plymstock CC. I spent most of my childhood there playing in the boys' and men's teams, but didn't really view cricket as a potential career path until I'd spent four years playing for England. That's when full time professional contracts came in.

I wanted to go to a university with an MCCU cricket academy. Having visited Cardiff for an open day, I felt it had a really good vibe and I knew I would enjoy my time there. I was particularly interested in Physiology, and Cardiff has a very strong Bioscience department, which was also attractive.

Midway through my degree, I was called up for England's tour of India in 2010. I had to become very good at organising my time very quickly! After India, I was frequently on tour for months at a time, meaning I had to study a lot of the lectures remotely. I also had to take some of my exams in the re-sit periods, as I'd missed the original dates due to international commitments. The department were always brilliant with allowing me extended time for assignments, and remaining flexible; I think it helped that my personal tutor was cricket-mad!

My Cardiff degree made me see things outside the sporting world from a different perspective. Nevertheless, having got into the England team in my second term, I haven't managed to revisit the field of Physiology since graduating. It's definitely an area that I'll always retain a real interest in, and remains an option to explore later in my career.

I always loved Six Nations weekends in Cardiff; the atmosphere in the city is electric. Being English, I didn't seem to be on the right side of the Wales vs. England clashes too often, but I always loved the occasion.

Women's cricket has progressed exponentially since I first became involved with England seven years ago. The game's exposure is becoming greater over time, and professional contracts are becoming standard practice around the world. Furthermore, the introduction of T20 leagues like the Kia Super League and the Big Bash mean that cricket is played all year round. I'm glad I got my degree when I did, as it would certainly be much harder now.

As captain of England, I lead from the front.

Having been given the opportunity to lead and shape the team going forward, it has been hugely exciting and I've really enjoyed my first year in the job. I've always tried to lead the team in my own way and try to be as open and honest with the players as I can.

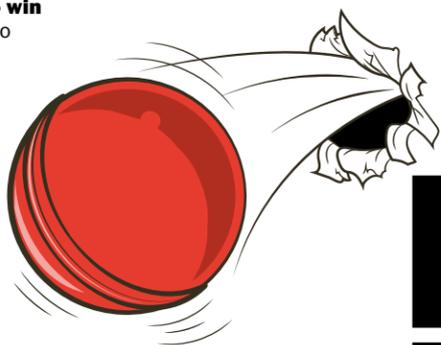
The opportunity to play in a home World Cup is massively exciting. The ICC Women's World Cup takes place this summer, and is on English soil for the first time since 1993. England fans are the best supporters of the women's game around the world, so there's no better place to play the World Cup than here. Obviously, the home advantage will be useful and hopefully the public get behind us and we can get some momentum in the competition!

We'll be going into the tournament to be in that final at Lord's, and to win it.

We have a trip away in April to Abu Dhabi for a training camp, and after that we will continue our squad preparations leading into the tournament at our training base in Loughborough. We won't go into the tournament as favourites - but we'll be going there to try to win it.

There's an opportunity for everyone to get involved in cricket. It's a very social game and there's a place for everyone at some level, as well as the opportunity to mix with a variety of people that you might not otherwise meet. I met some great people through Cardiff University's cricket club and I am still friends with some of them today. ■

Read more at
cardiff.ac.uk/cardiff-connect



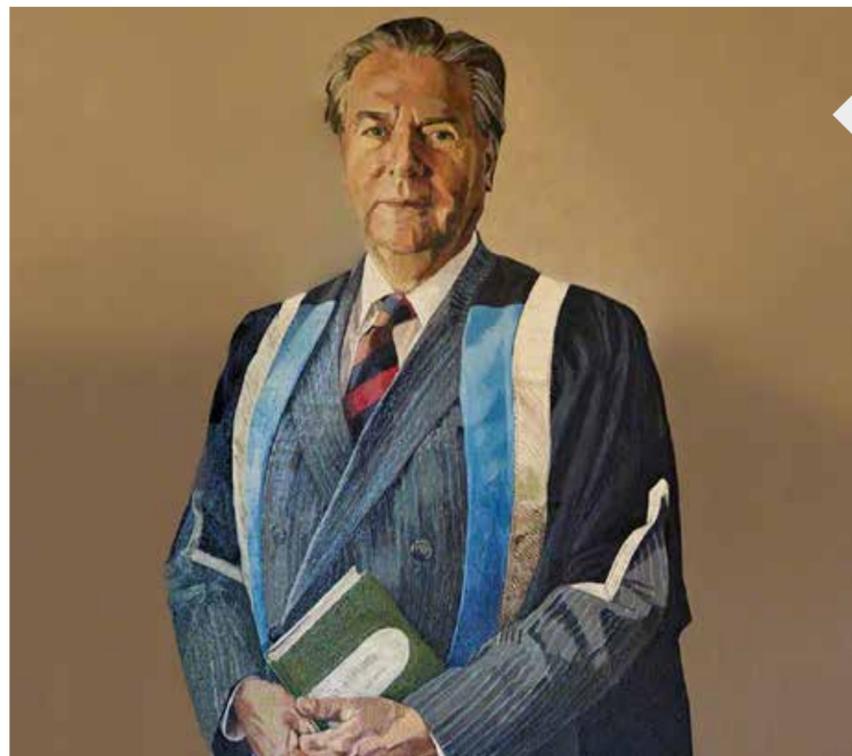
EXAMINED

WIFE



In memoriam

Cardiff University extends sincere condolences to the friends and families of those listed below for whom we have recently received notification of death.



Sir Aubrey Fiennes Trotman-Dickenson
Former Principal of the University of Wales Institute of Science & Technology and University of Wales, College of Cardiff. Died November 2016, aged 90.

A distinguished chemist, Sir Aubrey Trotman-Dickenson spent academic stints on both sides of the Atlantic before being appointed Principal of the University of Wales Institute of Science and Technology (UWIST) in 1968.

20 years on, he would lead the institution in to its successful merger with University College, Cardiff to form what is the modern day Cardiff University – an institution which he led for a further five years as principal, in addition to his role as Vice-Chancellor of the University of Wales.

Reputed to frequent his office even on Christmas Day, Sir Aubrey's energy, vision and attention to detail are credited with laying the groundwork for the success of today's institution.

If you would like to share the news of a Cardiff University staff, student or graduate's recent passing, please contact alumni@cardiff.ac.uk

Dr Myrddin Evans (alumnus)
Died 2017, aged 95

Windsor Lewis (BSc 1953)
Died 2017, aged 89

Terence Jenkins (1954)
Died November 2016, aged 82

Alan Parsons (BA 1958)
Died February 2017, aged 80

Professor George Thomason CBE (PhD 1963, Hon 1981)
Died January 2017, aged 89

Sir Aubrey Trotman-Dickenson (Hon 1987)
Died November 2016, aged 90

David Richards (BA 1991)
Died December 2016, aged 47

David Batchelor (Cert 1991)
Died January 2017, aged 69

Miranda Basner (MA 1994)
Died December 2016, aged 65

Professor Oliver Smithies (Hon 2013)
Died January 2017, aged 91

Rhiannon Smith (BScEcon 2016)
Died March 2017, aged 21

Professor Garel Rhys CBE
Died February 2017, aged 76

Calendar

Cardiff University hosts a packed calendar of events for students, staff and alumni as well as the general public. In addition to the highlights below, visit cardiff.ac.uk/events/



Professor the Lord Darzi of Denham (Hon 2016)
Home of Innovation Lecture
3 May 2017

Postgraduate Teaching Centre, Cardiff Business School

Professor the Lord Darzi of Denham OM KBE PC FRS FMedSci HonFREng (Hon 2016) will discuss the era of precision medicine, the promising potential of new '-omics' research platforms and the accelerating convergence of science and surgery.



Cardiff University cancer research showcase
15 June 2017
Central London

This event will showcase the world-leading work of cancer researchers at Cardiff University, and is open to the public.

More details will be confirmed in due course. Visit cardiff.ac.uk/events/



Cardiff Day
24 June 2017
Hadyn Ellis Building

Cardiff Day provides a chance for Cardiff University staff and students to meet with supporters and celebrate the life-changing impact that donations make to the University.

This event is invitation only.



Undergraduate Open Day
7 July 2017
Cardiff University

If friends or family are considering their transition into higher education, this is one for you.

Find out about studying here at Cardiff and drop in to the Alumni Stand to get involved; explore how alumni can enhance the student experience and inspire the next generation of Cardiff University graduates.



National Eisteddfod
4-12 August 2017
Anglesey

Join Cardiff University at this year's National Eisteddfod in Anglesey as we celebrate Welsh language and culture during a week of festivities and competitions.

Further details will be confirmed in due course.



Cardiff University/Cardiff Half Marathon
1 October 2017
Cardiff

The Cardiff University/Cardiff Half Marathon is the second largest half marathon in the UK and an IAAF Silver event.

If you are interested in running for #TeamCardiff and raising money for either cancer or neuroscience and mental health research, visit cardiff.ac.uk/cardiff-half

If you would like guidance on organising your own alumni event, visit cardiff.ac.uk/alumni or email alumni@cardiff.ac.uk



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can leave a
legacy**

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Development and Alumni Relations Office,
Deri House, 2-4 Park Grove, Cardiff CF10 3BN**

t: +44 (0)2922 510296 e: socketta@cardiff.ac.uk