



2011

Annual Review

Preface

from the Vice-Chancellor



2011 was another successful year for Cardiff University, set against a backdrop of immense change for UK higher education.

The challenging economic environment, the introduction of new fee arrangements for undergraduates and changes in the size and structure of higher education in Wales make our continuing drive to innovate and invest all the more vital.

Skilled, enthusiastic and high quality staff are our strongest asset and key to our long-term success. That's why we've invested £10M in the *Serious Brain Power* campaign to recruit new high profile academic staff as well as gifted early career researchers.

Our research reputation is one of the principal factors in staff and student recruitment. As the global market in higher education becomes even more competitive, this reputation will be an increasingly important consideration. In attracting, developing and retaining staff capable of working at a level which is internationally competitive, and in growing our postgraduate research student community, we are securing sustainable foundations for world-leading research.

This year saw recognition for our established academic excellence. Two of our senior academics, Professor Alun Davies and Professor John Parkes were elected as Fellows of the Royal Society. A further four colleagues Professors Amanda Coffey, Andrew Pithouse, George Boyne and Hugh Willmott appointed as Academicians of the Academy of Social Sciences.

“Our new Cardiff Award is starting to help equip our students with skills ready for their future careers and will maintain our students’ excellent reputation amongst employers – reflected in the fact that 94 per cent are employed or undertaking further study six months after graduation.”

We are delighted our staff are recognised so publicly with the highest accolades their professions can endow.

Attracting new and creative new minds helps build our international reputation. We were recognised in 2011 by a *Times Higher Education* award in their International Collaboration category for our work with Capital Medical University in China, helping to develop new approaches to detecting and treating cancer.

Professor Mike Bruford, of the School of Biosciences, was awarded a prestigious Royal Society/Wolfson Research Merit Award. Professor Bruford's work has taken him across the globe. In China he helped sequence the genome of the giant panda, gaining insights which may help conserve the endangered species.

New thinking also adds to our reputation of turning our ideas into businesses.

In one of the biggest commercial deals in the University's history, the American pharmaceutical giant Bristol-Myers Squibb agreed the purchase of US biotech company Inhibitex. The \$2.5Bn (£1.6Bn) deal includes the promising new anti-hepatitis C drug INX-189, first designed and prepared by Professor Chris McGuigan at the Cardiff School of Pharmacy and Pharmaceutical Sciences.

The creation of more spin-out companies will be further boosted with an injection of new funding through Fusion IP, the University's investment partner who raised £5M through a share placing, allowing the company to continue investing in Cardiff's early stage technology companies. Innovation permeates throughout our work: among the many examples I could highlight are scientists from our Neuroscience and Mental Health Research Institute uncovering five new Alzheimer's genes, which was hailed as a 'step towards defeating dementia'. Meanwhile Professor Ian Hargreaves, from our School of Journalism, Media and Cultural Studies and Cardiff Business School, carried out a landmark report into Intellectual Property (IP) which will support UK innovation and economic growth in the new digital age.

Hitting the international news headlines, our scientists also identified disease-causing bacteria carrying the new genetic resistance to antibiotics in New Delhi's drinking water. Another team revealed, for the first time, an elaborate labyrinth of sacred tunnels, containing the mummified remains of millions of dogs under the Egyptian desert.

Closer to home, we underlined our reputation for research and knowledge in Welsh law and politics through our Wales Governance Centre and launched a new and innovative pairing scheme to couple our academics with politicians to improve and inform policy.

Our students excelled too thanks to our teaching excellence and supported by investment in teaching and research. We unveiled our new

flagship medical education centre, The Cochrane Building, as well as improved dental teaching facilities, a lightning laboratory to tackle the emerging trend in composites within aircrafts, and new social facilities such as the Students' Union's new interactive Lounge, geared for our diverse international student community.

We also created new academic posts to boost the number of students who study through the medium of Welsh while our School of Welsh maintained its position as the best in Britain for Celtic Studies, according to The Complete University Guide.

Our students continued the tradition of working in local communities through Student Volunteering Cardiff (SVC). They also supported the University's widening-access programme by working in local schools on projects which encourage and support the next generation of engineers, mathematicians, linguists and healthcare professionals from some of Wales' most deprived communities.

Investment in the best postgraduate students continued with the second in-take of our President's Research Scholars; as did new scholarships coming on stream from such major international employers as Ford and Santander to support our students financially and help them gain vital skills important for their future careers.

Our new Cardiff Award is starting to help equip our students with skills ready for their future careers and will maintain our students' excellent reputation amongst employers – reflected in the fact that 94 per cent are employed or undertaking further study six months after graduation.

Attracting the next generation of students from Wales, the UK and beyond is crucial. To renew excitement and interest in the educational excellence and long-term value of a Cardiff degree, we unveiled our latest undergraduate recruitment campaign, Thrive.

Using intrigue, innovation and an emphasis on social media, the campaign is designed to engage with the highest calibre students in a way that goes beyond traditional recruitment techniques.

Good progress was made on our new research facility – The Hadyn Ellis Building – part of our new multi-million pound Maindy Park campus development. Part of the function of new building will be to support our community engagement activities – activity designed to take our research and knowledge to the public.

Our presence at the National Eisteddfod attracted some 10,000 visitors. Our *Big Ideas* events in support of National Science and Engineering Week and Brain Awareness Week and Creative Minds, offering the latest ideas in music, literature, culture and media, were attended by some 11,300 members of the public.

This is my final report as Vice-Chancellor. I am delighted that the University has secured, Professor Colin Riordan, a major figure in UK higher education, as my successor. Together with our new Chair of Council, John Jeans and the University's new Chief Operating Officer, Hugh Jones, the University can be confident of tackling the future under strong leadership.

I am glad to say that Professor Riordan will be welcomed to a University that is in a position of strength and will find a committed and talented staff who, I believe, will continue to build on the substantial success that they have already achieved.

The success I have seen day-to-day is created by the most talented people I have ever had the privilege to work with. As Vice-Chancellor, I've witnessed excellence in our teaching and research, and in the huge contribution staff and students make to society and the economy.

I thank them all, along with members of Council, Court and others, for all the support which I have been shown throughout my period as Vice-Chancellor and I wish the University every success for the future.

Dr David Grant CBE, FREng, FLSW, CEng, FIET
Vice-Chancellor

Our year in pictures

1. Royal Society recognition

Professor Alun Davies, Cardiff School of Biosciences and Professor John Parkes, Head of the School of Earth and Ocean Sciences, were elected Fellows of The Royal Society, the world's oldest scientific academy in continuous existence, widely regarded as second only to a Nobel Prize in prestige.

2. Golfers chip-in for research

University President Professor Sir Martin Evans joined First Minister Carwyn Jones and Sir Terry Matthews at the 2011 Saab Wales Open. A gala dinner at Newport's Celtic Manor Resort, raised funds for the University's European Cancer Stem Cell Research Institute.



3. New Vice-Chancellor named

Professor Colin Riordan was named next Vice-Chancellor of Cardiff University. Professor Riordan, who will take up the post on 1 September 2012 when Vice-Chancellor Dr David Grant retires from office, is currently Vice-Chancellor of the University of Essex.

4. Conquering the world

Intrepid adventurer Richard Parks returned to the University welcomed by the School of Healthcare Studies to deliver a special lecture. The former Wales international, who studied at the School of Dentistry, spoke about his remarkable fundraising expedition - the 737 Challenge.



5. Social Sciences honoured

Professors Amanda Coffey and Andrew Pithouse, School of Social Sciences, and Professors George Boyne and Hugh Willmott, Cardiff Business School, were appointed as Academicians of the Academy of Social Sciences - the highest accolade in the social sciences.

6. The Devil's in the detail

Not content with signing professionally for the Cardiff Devils Elite League team and acting as assistant captain of the National League squad, PhD student Luke Piggott and a team from the School of Biosciences identified a weakness in breast cancer cells which could help prevent the disease from spreading.



7. International partnership awarded

Cardiff's ground-breaking cancer research partnership work with China won the International Collaboration category at the annual *Times Higher Education* awards. The University was singled-out for its collaboration with Capital Medical University in China which aims to find new approaches to detecting and treating cancer.

8. Honouring excellence

A well-known broadcaster, a Liberal Democrat Life Peer and one of Wales' most successful entrepreneurs were amongst those to be honoured at our annual degree ceremonies. Fiona Phillips, Baroness Jenny Randerson and Sir Stanley Thomas joined other eminent individuals from the fields of medicine, finance and science to receive Honorary Fellowships.



9. Santander link-up renewed

The fifth largest bank in the UK renewed its funding agreement with the University. The new agreement with Santander funds scholarships and awards for students and staff to study in the UK and abroad. It also provides support to the Student Hardship Fund, a research grant for the School of Welsh, support to the School of European Languages, Translation and Politics, mobility grants for the Cardiff Business School and support for a student development unit.

10. Encouraging students to Thrive

To renew excitement of the educational excellence and long-term value of a Cardiff degree we unveiled our new undergraduate recruitment campaign. Using intrigue, innovation and an emphasis on social media the campaign is designed to engage with the highest calibre students in a way that goes beyond traditional recruitment techniques.



11. Lounge of the future

Space-cabin style booths where students can Skype in comfort and a kitchen table-sized touch screen are just some of the features of the new state-of-the-art student lounge. Created in response to international student feedback, the Lounge has transformed a former games room into the very latest in social space that reflects Cardiff's multi-cultural population.

12. Increasing modern foreign language take-up

A new link-up designed to increase the take-up of modern foreign languages and give students vital work experience was launched. Modern foreign language students get the opportunity to volunteer in local schools leading to credits in their degree programme and act as work experience for prospective teachers working towards a postgraduate certificate in education.



For our students

“Cardiff University provided me with academic and personal experiences that will stay with me forever. I have thoroughly enjoyed the high challenge, highly supportive environment that the University offered, and look forward to applying the skills I have learnt to my future career.”

Matthew Price, 4th year Psychology student

The Cardiff student experience is in demand. Students enjoy an inspiring educational experience, enriched by world-leading research and scholarship in an environment networked with the major professions and international collaborations. This experience is valued by employers too with some 94 per cent of our graduates finding a job or entering further study within six months of completing their studies. The Cardiff experience is open and inclusive – encouraging students from some of our most deprived areas as well as attracting the best students from across the world to succeed at Cardiff remains crucial.



Welcoming the brightest students

Eight of America's brightest students were introduced to the University as part of the US-UK Fulbright Commission's first ever Summer Institute. Hosted jointly by the University, the visiting students got the chance to visit Cardiff to learn about Welsh culture, history, politics and geography and the crucial influence industry has had on the nation's events.



Attracting the best minds

The second in-take of the University's most promising postgraduate students pushing the research boundaries in innovative technologies, theories and methodological approaches were welcomed to Cardiff. The President's Research Scholarships attract students from across the world to work on challenging projects in dynamic research environments across the University under the supervision of successful and established researchers.

Inspiring the next generation of mathematicians

Budding mathematicians looking to hone their key skills ready for their GCSE exams took part in a set of innovative revision sessions at the University. Pupils from Cardiff and the South Wales Valleys schools took part in workshops run by current maths students to fine tune maths skills and improve their chance of exam success.

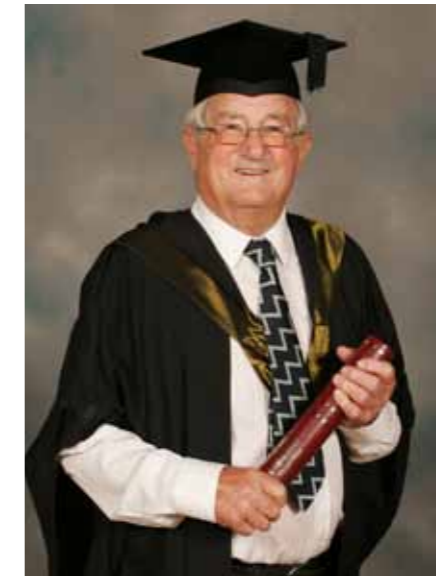


Chemistry attracts talented international student

Mesele Oluwaseun joined the School of Chemistry after beating off competition to win the University's Commonwealth Scholarship. Mesele, from Kogo, Nigeria, won the Scholarship after completing an essay explaining how the award would help his academic career and his home country. A graduate in industrial chemistry from the University of Lagos, Mesele has now started an MSc in Physical Organic Chemistry.

Wartime student graduates

A mechanical engineering alumnus ended a 66-year wait for his University degree. 85-year-old Harold Jones successfully completed his studies in 1945, but was sent to complete military training before he had a chance to collect his certificate. Six decades later he returned to the University and graduated with his fellow engineering students.



The Cardiff Award

Giving students recognition for learning through extra-curricular activities to increase their self awareness and sell their skills to future employers is central to the new Cardiff Award. Recognised by leading employers including Ernst and Young, the Cardiff Award uses expertise from industry, across the University and our Students' Union to develop marketable, work related skills.

Out-of-this-world opportunity

Biosciences student Kyle Grant is spending the next year exploring deep space – or, at least, exploring the possibilities. Kyle is on placement with the Space Life Science Lab at the Kennedy Space Centre in Florida researching the practicalities of deep space flight with NASA – and undertaking some simulated zero-gravity training himself. The year-long placement will also take in work at the Johnson Space Centre in Texas and the Jet Propulsion Laboratory in California.



Modernising medical education

A review of medical education to create a curriculum to attract, train and retain the very best doctors was launched. The C21 programme is examining all aspects of undergraduate medical education - from curriculum content to staff training to respond to the changing needs of clinical services.

For the advancement of knowledge

“Cardiff scientists are leading the field in our understanding of the genetics of Alzheimer’s. Their findings are a step towards defeating dementia. This work will spark new ideas and collaborations.”

Rebecca Wood, Chief Executive of Alzheimer’s Research UK

The impact of the University’s research develops new knowledge and understanding. From the discovery of five new Alzheimer’s genes to uncovering an elaborate labyrinth of sacred tunnels, containing the mummified remains of millions of dogs under the Egyptian desert - our knowledge is helping to produce benefits worldwide. Closer to home our research is helping gain new understanding of Welsh law and politics, leading the fight against hospital superbugs, and informing UK policy on Intellectual Property – all of which demonstrate the benefits of a research intensive university to Wales and beyond through our contribution to economic, social and cultural development.

Assessing the effect of police funding cuts

Local police services would take the biggest hit from Government cuts to the policing budget, a major University analysis uncovered. A report by the Universities’ Police Science Institute found Government grants for local policing would fall by £1.36Bn, or 14 per cent, over the four years to 2014-15.

Understanding Welsh law

Leading Welsh lawyer Emyr Lewis was appointed a Senior Fellow in Welsh Law at the University’s Wales Governance Centre to further develop the study and awareness of Welsh law. As well as Welsh law, Professor Richard Wyn Jones offered in-depth analysis and expert comment during the 2011 National Assembly for Wales’ elections.



Forest corridors prove vital for conservation

A collaborative project involving researchers from our Danau Girang Field Centre in Malaysia showed the importance of forest corridors to the survival of mammals in Borneo. The Kinabatangan Carnivore Programme used camera traps to build a picture of Bornean carnivore ecology and develop species distribution and habitat suitability models. The images captured by the camera traps show that many species rely on forest corridors for moving around forest patches.

Alcohol effects on the pancreas

A protein which could provide protection against the effects of alcohol in the pancreas was uncovered. The Cardiff team, led by Professor Ole Petersen, Director of the School of Biosciences found when calmodulin is missing from cells in the pancreas alcohol has a much greater toxic effect as a chain reaction which causes cells to self destruct speeds up. This can lead to inflammation (pancreatitis), which in the long-term significantly increases the risk of developing pancreatic cancer.



Understanding Alzheimer’s

The search for factors that increase the risk of developing Alzheimer’s led to the discovery of five new genes to help pinpoint what’s going wrong in the brain. Professor Julie Williams from the University’s Neuroscience and Mental Health Research Institute identified an additional five new genes – bringing the total number of genes that increase the risk of developing Alzheimer’s to ten.

Antibiotic resistant discovery

Disease-causing bacteria carrying the new genetic resistance to antibiotics, NDM-1 were discovered in New Delhi’s drinking water supply by a Cardiff-led team. The team found new strains of resistant bacteria in the Indian capital, including species which cause cholera and dysentery. The findings offered the first evidence of the environmental spread of NDM-1, which had previously only been found in hospitals.



Home-made honey in superbug fight

University researchers and the National Botanic Garden of Wales joined forces to appeal to people to send local honey to help build a unique DNA profile. Using the samples the team will identify plants which could fight antibiotic-resistant bacteria. A screening test developed at Cardiff tests for activity against two of the most common hospital acquired infections antibiotic-resistant bacteria MRSA and Clostridium difficile.

800,000 years of abrupt climate variability

An international team of University scientists led by Dr Stephen Barker from the School of Earth and Ocean Sciences produced a prediction of what climate records from Greenland might look like over the last 800,000 years. Drill cores taken from Greenland’s vast ice sheets provided the first clue that Earth’s climate is capable of very rapid transitions and have led to vigorous scientific investigation into the possible causes of abrupt climate change.

Dog Catacomb beneath the desert

An elaborate labyrinth of sacred tunnels, containing the mummified remains of millions of dogs were excavated for the first time under the Egyptian desert. The Catacombs of Anubis project, led by Dr Paul Nicholson of the School of History, Archaeology and Religion, examined a labyrinth of tunnels beneath the desert at Saqqara in Egypt. The excavation team’s latest estimate is that some 8,000,000 animals – most of them dogs or jackals - were buried there.

The sound of history

Substantial collections of unique manuscript and printed music from the 18th and 19th centuries are to be made available to a wider scholarly audience thanks to new funding. Cardiff’s School of Music and the University Library Service, working in partnership with the international music database RISM (UK) and Royal Holloway, University of London, will catalogue the distinctive pieces and make the records openly available to researchers, teachers, performers, other libraries, and those with a general interest in the history of music and performance.

Reviewing Intellectual Property

A landmark review of how Intellectual Property (IP) framework supports growth and innovation across the UK was published by the University’s Chair of Digital Economy Professor Ian Hargreaves based jointly in Cardiff School of Journalism, Media and Cultural Studies and Cardiff Business School. The review set out ten recommendations to Government to ensure the UK has an IP framework best suited to supporting innovation and promoting economic growth in the digital age - including the delivery of copyright exceptions at a national level for format-shifting, parody, non-commercial research and library archiving.

For our communities

“Research at world-leading universities like Cardiff which will help change all of our lives for the better in the future and will form the basis of new profitable and innovative businesses in the UK in years to come.”

Writer and broadcaster, Carol Vorderman



As a major employer and educator, we continue to play a leading role in the diverse communities we serve in Cardiff and beyond. Our students make vital contributions to voluntary organisations and we've developed a new way of engaging with politicians. Taking the University to all parts of Wales through major events and community engagement activities, our contribution to stimulating the UK economy remains a key activity – which saw the creation of a new link-up with EADS, a major business fundraising drive and new funds to turn more of the University's knowledge into successful businesses.

Driving technological innovation

The University joined with the Welsh Government and EADS (a global leader in aerospace, defence and related services) in setting up a not-for-profit limited company to take forward research and technology projects. The first of its kind in the UK, EADS Foundation Wales is an academic, government and industry partnership which has already created a number of private sector research jobs and supported research and development with partners in the SME sector and other universities across Wales.

Profs and politicians pair up

Cardiff academics have the chance to see how politicians work and vice-versa thanks to a new pairing scheme. The Universities Pairing Scheme gives policy makers more direct contact with universities and raises awareness amongst academics of how policy is developed, as well as forging links for politicians and civil servants with Wales' leading academics across science disciplines, business, social sciences and humanities.

The Only Way is Up

Children with Down's syndrome got the chance to meet their footballing heroes during a special event at the University's School of Optometry and Vision Sciences. Cardiff City players held balls skills sessions with the youngsters at the launch of the Only Way is Up exhibition which aims to raise positive awareness of Down's syndrome organised by Dr Maggie Woodhouse from the School of Optometry and Vision Sciences.



University spin-outs

Fusion IP, the University's investment partner secured a number of key developments significantly boosting the prospects of Cardiff spin-out companies. More than £5M was raised through a share placing, allowing the company to continue investing in Cardiff's early stage technology companies. These include ultrasound simulation business Medaphor, medical device innovators, Asalus Medical Instruments, and RF test and measurement technology company Mesuro.

Hands-on health

School children from across South East Wales got the chance to learn more about the way food travels through their bodies and how their heart works as part of a series of interactive healthy workshops organised and delivered by Cardiff medical students. Third-year medical students Matthew Baldwin, Michael Booth and Mathew Wheeler visited primary schools to give pupils hands-on experience of the human body.



National Eisteddfod

Hands-on activities designed to showcase how the human body works was the main focus of the University's week-long presence at the 2011 National Eisteddfod of Wales. Teaming up with the University's strategic partner, Techniquist, some 10,000 visitors got the chance to experience the latest in Cardiff research.

Creating, creative minds

The latest ideas in music, literature, culture and media took centre stage in the University's first festival dedicated to the arts. Creative Minds was a platform for leading authors, musicians and poets to bring their latest work to the public, as well as an opportunity to showcase the University's world-leading research in the arts, literature, media and more.

Improving drug safety

Errors when injecting drugs into patients could soon be eradicated thanks to an innovative University invention. Professor Judith Hall from the School of Medicine developed the Hall Lock system – a colour-coded piece of plastic which prevents healthcare staff from mistakenly injecting drugs and other substances into the wrong part of the body.

Creating new business

Well-known writer, broadcaster and University honorary fellow Carol Vorderman launched a new funding drive designed to turn more of the University's world-leading research into successful businesses. Carol joined University alumni, UK business people, and prominent entrepreneurs in the City of London to help kick-start the new fundraising initiative - The Cardiff Partnership Fund.

Meeting the engineering challenge

Budding young engineers from local Cardiff schools researched, designed and built solutions to real problems at the School of Engineering. The challenge days aimed to encourage more young people to study and consider careers in science, technology, engineering and maths (STEM) by encouraging creativity, innovation and problem solving skills.

Boosting Wales' mental health

Wales' first centre designed to bring frontline mental health workers and the University's world-leading researchers together for the benefit of patients was unveiled. The National Centre for Mental Health is Wales' first Biomedical Research Centre bringing Cardiff's world-leading experts together with frontline mental health professionals in all parts of Wales.

Investing in excellence

“The Cochrane building is an excellent example of the Health Board and University working together to improve standards of medical education and in turn patient care.”

Graham Shortland Medical Director, Cardiff & Vale University Health Board

In the current economic climate the University invests in strategic developments – whilst using resources efficiently to enable sustainable growth. The first turf was cut on our landmark Hadyn Ellis building at Maindy Park, students from across our healthcare schools benefited from the opening of the flagship Cochrane building offering state-of-the-art facilities, and research activity was boosted with investment in our high-tech new lightening facility. Investment in our biggest asset – our staff, continued. Our *Serious Brain Power* staff recruitment campaign will attract some of the best minds to continue our tradition of world-leading research and knowledge.

Purchase deal over Hepatitis drug

American pharmaceutical giant Bristol-Myers Squibb agreed the purchase of US biotech company Inhibitex, in a \$2.5Bn (£1.6Bn) deal which includes the promising new anti-hepatitis C drug INX-189, first designed and prepared in Cardiff University. The buy-out means Bristol-Myers will continue the development of INX-189, created by Professor Chris McGuigan at the School of Pharmacy and Pharmaceutical Sciences.



Attracting Serious Brain Power

A major campaign to attract the brightest and best minds to join Cardiff's established academic community got underway. *Serious Brain Power* reflects our established vibrant academic community as well as our continuing commitment to high quality research and research-led teaching and offering an insight into the work going on at the University, and what Cardiff as a city and Wales as a country have to offer.

Double certification

The University's good practice in health and safety and environmental management was recognised with the award of two internationally accepted standards. Cardiff is the first university in Wales to have received both ISO 14001 – an internationally accepted standard that signifies an organisation's commitment to reducing its environmental impact, and BS OHSAS 18001 which recognises the promotion of a safe and healthy working environment.

Lightning research advances

A new research facility, the Morgan-Botti Lightning Laboratory, to tackle the emerging trend to use composites within the airframe of aircraft was opened. The new facility is named after Rhodri Morgan, former First Minister of Wales, and Dr Jean Botti, European Aeronautic Defence and Space Company (EADS) Chief Technical Officer. The facility complements the expertise within the Cardiff School of Engineering's High Voltage Energy Systems research group and will provide a unique research and testing facility for businesses in Wales involved in composite materials and structures.



Hadyn Ellis Building takes shape

Construction of the University's Hadyn Ellis Building made significant progress on our Maindy Park site. The Hadyn Ellis Building will be a striking landmark development, at the heart of the University's new Maindy Park research campus. The building will house highly advanced facilities for some of the University's world-leading interdisciplinary scientific teams, including the European Cancer Stem Cell Research Institute, the Neuroscience and Mental Health Research Institute, and the MRC Centre for Neuropsychiatric Genetics and Genomics. The ground floor will include an attractive public area for lectures, displays and conferences about the University's work.

Advanced new training for Wales' future dentists

Dental students are benefiting from some of the most modern training facilities in the UK thanks to major refurbishments at the Dental Education Clinic at the University's School of Dentistry. The clinic enables 34 student dentists to treat patients in real-life situations. The Dental Education Clinic is a suite of 34 dental chairs, each furnished with the latest IT enabled dental equipment allowing student dentists, dental hygienists and dental therapists to treat patients.

Driving the next generation of scientists

Our most promising engineers and scientists are set to receive new scholarships as part of a new £1M Ford university scholarship programme to encourage a new generation of UK scientists and celebrate 100 years of Ford's commitment to the UK. The Ford Blue Oval Scholarship Programme is a new programme offering sponsorship, over three years, to undergraduates from a selection of engineering, science, manufacturing and technology courses at the UK's leading universities.

New home for healthcare students

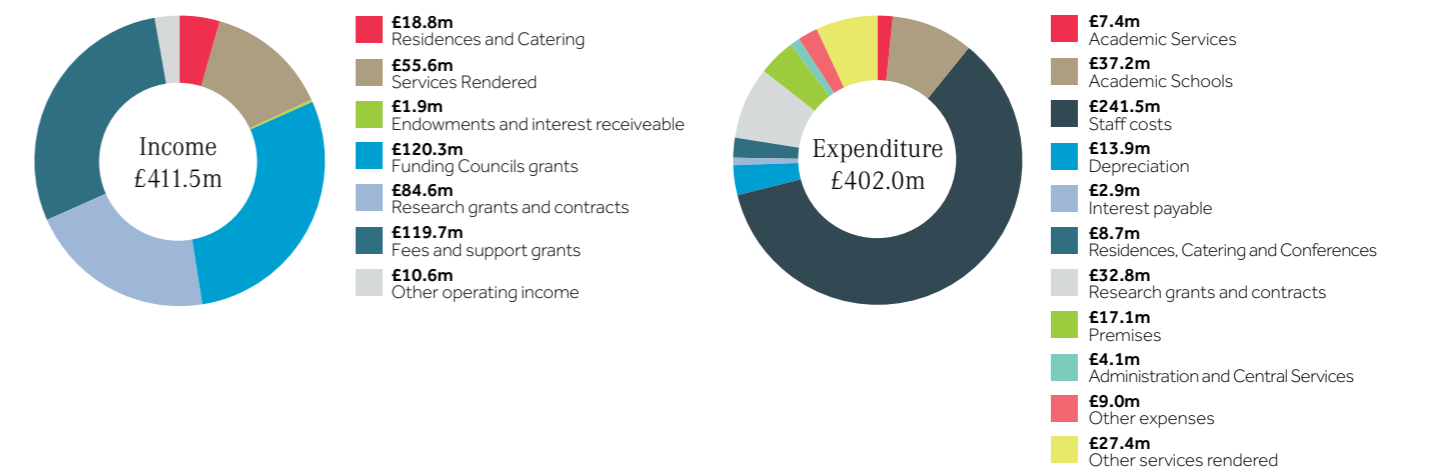
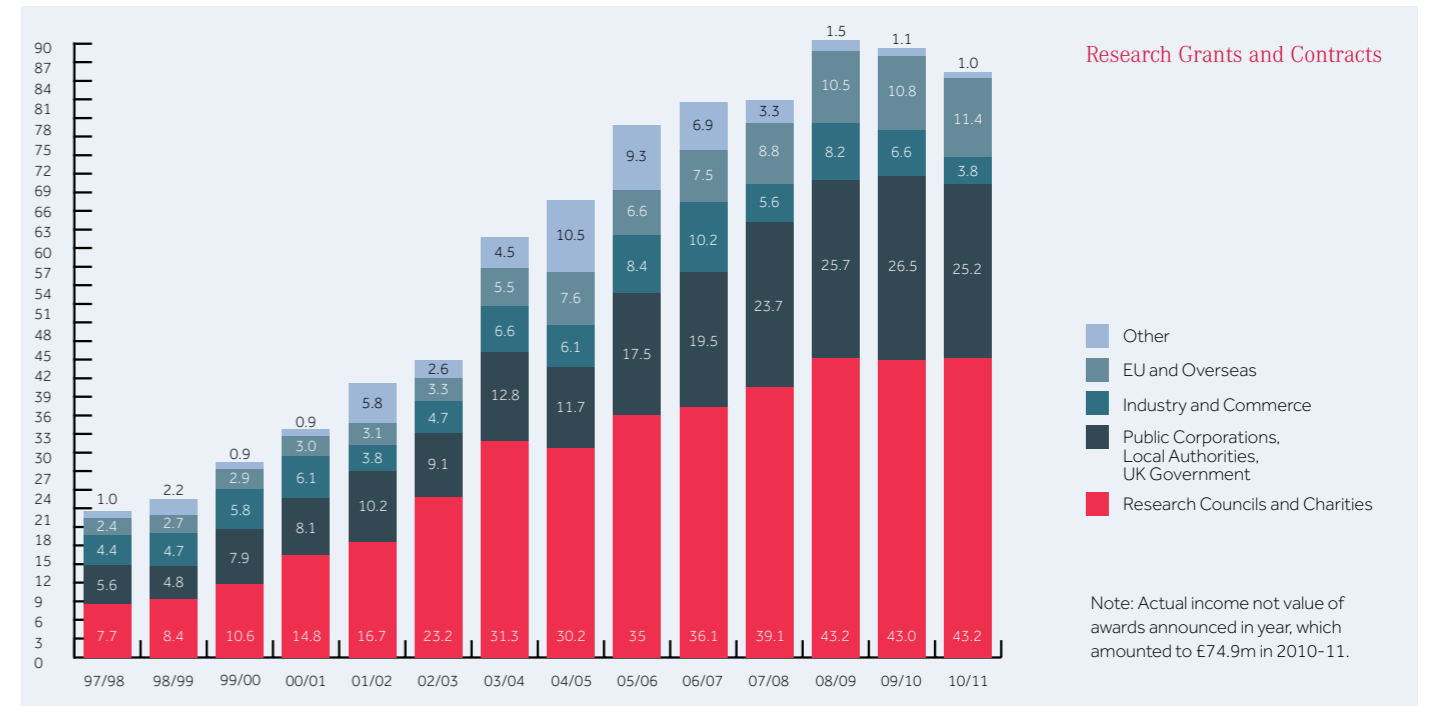
The University's new flagship health education centre offering the latest teaching, library and state-of-the-art simulation facilities was opened. The Cochrane Building provides teaching and learning facilities for all healthcare schools. Named after the University's medical pioneer, Professor Archie Cochrane, as well as a teaching facility there is also a three storey library at its centre, with a variety of study places, from the social and informal, to the quiet and individual.



Strategy Map

VISION	We will be one of the world's leading universities with an academic community recognised for its international distinction and impact		
VALUES	<ul style="list-style-type: none"> We value freedom of thought and intellectual curiosity We value excellence, innovation & contemporary relevance We support an ethical, open, and collaborative work ethos 	<ul style="list-style-type: none"> We have a culture based on dignity, respect and courtesy We have a strong commitment to equality and diversity We encourage sustainability 	
PRIORITIES	Academic excellence rooted in world-leading research and scholarship, with a current emphasis to increase the University's postgraduate community and to increase the University's international outreach and impact		
OBJECTIVES	FOR OUR STUDENTS An inspiring and enriching educational experience <ul style="list-style-type: none"> Informed and led by world-leading research and scholarship Recognised and well-regarded by employers and professional bodies Built on a culture of excellence and enhancement Includes a vibrant and growing postgraduate community 	FOR THE ADVANCEMENT OF KNOWLEDGE World leading research and scholarship <ul style="list-style-type: none"> Esteemed internationally for its significance, originality and rigour Built on a strong disciplinary base which supports multi-disciplinary groups A location of choice for the best researchers and graduate students Acts as a magnet for international research & development in Wales 	FOR OUR COMMUNITIES Creating global impact through our academic excellence <ul style="list-style-type: none"> A catalyst for enhancing the economic and social development of Wales and the UK Recognised as a centre of choice for continuing and professional education Internationally acclaimed for informing public policy and services Renowned for the value derived from knowledge transfer and public engagement
ENABLERS	PEOPLE and ORGANISATION: Foster a supportive environment for all staff & students Nurture leadership, empowerment & development Recognise & value good performance Maintain a healthy and safe working environment Develop rapid & efficient processes Maintain good governance		
	PARTNERSHIPS and COMMUNITY: Work with others to enhance our contributions locally as well as internationally Collaborate with world-leading people & organisations Maintain a lifelong relationship with alumni		
	ESTATES and INFORMATION INFRASTRUCTURE: Develop distinctive physical & virtual environments that foster cohesion & excellence for staff, students & collaborators Develop further an information infrastructure including 21st Century IT & library provision		
	INVESTMENT: Plan for sustainable growth Make selective & prioritised investment		
	COMMUNICATION: Improve the quality & value of communication to all recipients Create a sense of community within a positive working & learning environment Gain greater awareness, engagement & support among our local communities Gain recognition internationally for academic distinction & impact		

Financial Performance



Grants, Gifts and Donations

Cardiff University gratefully acknowledges the following grants, gifts and donations received during the year under review. These were received and recorded centrally by the University from the organisations and individuals listed. The University also wishes to acknowledge the many additional gifts, donations and bequests it receives anonymously and for those donated generously directly to its academic schools.

Organisations

9 Park Place
Abbott Laboratories Limited
Abertawe Bro Morgannwg University NHS Trust
AEA Technology plc
Airbus Operations Ltd
Alcohol Education & Research Council
Algipharma Biopolymer Therapies
Allianz Services (UK) Ltd
Alzheimer's Research UK
Alzheimer's Society
Ambit Biosciences Corporation
America for Bulgaria Foundation
American Health Assistance Foundation
Andante Travels
Antarctic Science Ltd
Arthritis Research UK
Arts & Humanities Research Council
Association of Optometrists
Astrium Ltd
Autonnic Research Ltd
Aviva Investors
Barclays Bank
Barclays Corporate
Barking, Havering and Redbridge Hospitals NHS Trust
Barnet and Chase Farm Hospitals NHS Trust
Barts and The London NHS Trust
Basingstoke and North Hampshire NHS Trust

Bere Architects
BETSI Cadwaladr Universty Local Health Board
Better You Ltd
Bial Foundation
Bill & Melinda Gates Foundation
Biotechnology and Biological Sciences Research Council
Boston Scientific Corporation
Bowel Cancer Wales
Boyes Rees Architects Ltd

"This donation will enable in depth scholarship and unique teaching for Muslims and non-Muslims alike ... we are immensely grateful to Mr Jameel for his generosity – his support will make a huge difference not only to the students, but in the long-term throughout the UK."

Dr Sophie Gilliat-Ray, Director for the Centre for the Study of Islam in the UK

BRE Trust
Breast Cancer Campaign
Bridge Bioresearch Testing (Jersey) Plc
Bristol Research into Alzheimers and Care of the Elderly
British Academy
British Council
British Heart Foundation
British Journal of Anaesthesia
British Mycological Society
British Occupational Health Research

Foundation
British Society for Antimicrobial Chemotherapy
British Society of Paediatric Dentistry
Bron Afon Community Housing
Brulimar Optical Group
Building Research Establishment Ltd (Wales)
BUPA Foundation
CAFCASS (Cymru) Cardiff
CADW Welsh Historical Monuments

Caerphilly County Borough Council
California Institute of Technology
Cambridge University Hospitals NHS Foundation Trust
Cancer Research & Genetics UK
Cancer Research UK
Cancer Research Wales
Capita Business Services Ltd
Cardiff and Vale University Health Board
Cardiff County Council
Cardiff Harbour Authority

Cardiff Partnership Fund Ltd
Care Council for Wales
Carleton Limited
Celtic Manor Resort
Central Manchester and Manchester Childrens University NHS Trust
Centre for Innovation in Regulatory Science
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"Not only has the support provided me with a comfortable financial status throughout my studies, but also acted as a great confidence booster. I am very grateful."

Daniel Price, Reardon Smith Nautical Trust Scholarship

"Already the scholarship is giving me the freedom to concentrate on studies without worrying about money, but I believe it will be the gift that keeps on giving ... this scholarship really means so much to me and is an enormous help towards my future career goals ... "

Katie Brown, Formula Santander Postgraduate Scholarship

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"Trish was very passionate about giving children that found themselves in extremely difficult circumstances the best possible chance in life. She was determined to make sure that the child, or children, that she acted for had what was in their best interest. That is why she really wanted to help other law students with a similar attitude to continue where she left off – fighting for the rights of children who were unable to help themselves."

Howard Greenhaf, Husband of Trish Whiting – on setting up the Trish Whiting Legal Services for Children Scholarship Fund.

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