

CARDIFF
UNIVERSITY

PRIFYSGOL
CAERDYDD

HIGHLIGHTS FROM THE UNIVERSITY YEAR

ANNUAL

REVIEW



2014

ANNUAL REVIEW

Preface from the Vice-Chancellor

When we embarked on our strategic vision, *The Way Forward*, we made a bold statement. We set out our ambition to come in the top 10 for quality in the Research Excellence Framework (REF), the mechanism used to assess the quality of research in UK higher education institutions, on the basis of a selective submission.

I am delighted to report that the REF results we received at the end of 2014 were truly exceptional. Amongst UK universities we rank fifth behind Imperial College London, then LSE, Oxford and Cambridge for the quality of our research. We rank second in the UK on the impact measure which assesses the significance and reach of our research.

Our REF highlights include Civil Engineering and Construction which emerged as the top in the UK, Psychology, Psychiatry and Neuroscience which was ranked 2nd in the UK, Communication, Cultural and Media Studies – effectively the School of Journalism, Media and Cultural Studies – which was also ranked 2nd in the UK, Sociology which was ranked 3rd in the UK, Allied Health which was joint 4th in the UK and Education, ranked joint 5th in the UK.

The REF results mean that we have emphatically achieved one of our most important key performance indicators. The result will also influence other areas such as our target to be in the top 100 in the QS World University Rankings which will undoubtedly benefit from this outstanding performance.

While I have highlighted particular successes above, of which we are very proud, I must emphasize that this spectacular achievement is the result of a team effort right across the University.

*REF capped a year of many major milestones for the University, each of which will help us deliver on the commitments we set out in *The Way Forward* in our four priority areas of research and innovation, education, international and engagement.*

I was very proud to launch the Cardiff Innovation System, an ambitious £300M investment that will boost the Welsh economy and see Cardiff University become internationally recognised as an engine for future prosperity, health and growth in Wales, the UK and the wider world.

Our plans to bring this vision to life include four new buildings which will transform a site on Maindy Road from a disused, former industrial space into a cutting-edge campus. One of the new builds will be the world's first Social Science Research Park, which will turn world-leading research into solutions to pressing problems facing society and the world.

We unveiled our five flagship engagement projects at the Senedd, the home of Welsh government. These projects see academics from across the University working with communities in Wales and Africa on issues such as tackling poverty, boosting the economy and improving health, education and wellbeing. Each of our five projects will help transform lives and deliver widespread and long-lasting benefits.

To help meet the aims of our research strategy we signed a co-operation

agreement with the University of Leuven. This landmark partnership will boost research income, create new research collaborations and offer more opportunities for students and staff to study and teach abroad.

Closer to home we officially launched the GW4 Alliance at the House of Commons. The Alliance brings together the combined strengths of the universities of Bath, Bristol, Cardiff and Exeter and gives us the critical mass to succeed in an increasingly competitive and research-intensive environment. The launch was attended by the Secretary of State for Wales, Stephen Crabb MP, along with representatives from industry, business, academia, charitable organisations and the public sector.

Alongside these achievements, Cardiff University continued to make progress in other areas. I was delighted that for the fifth consecutive year, the University made it into Stonewall's Top 100 Employers in recognition of its commitment to equality for lesbian, gay and bisexual employees. Cardiff is now ranked 24th placing us second out of eight UK universities featuring in the index, the top Russell Group university and the only university in Wales to achieve this status.

We became Wales's first university to be accredited as a Living Wage employer. Agreeing to be a Living Wage Employer means that everyone

working at Cardiff University, regardless of whether they are University employees or employed by third-party contractors and suppliers, will receive a minimum hourly wage significantly higher than the national minimum wage.

We've also worked hard to improve facilities for students. Our new £14.5M world class centre for teaching and training tomorrow's global business leaders opened at Cardiff Business School. This state-of-the-art learning and teaching hub provides high-tech lecture theatres, executive study zones and a high-tech 'trading room'.

Talybont Gate, a new hall of residence, was also opened. Designed with feedback from students in mind, the new halls have more communal areas with Freeview TV and Wi-Fi access, modern cooking and dining facilities on every floor, bigger beds and showers in each of the rooms.

Talybont Gate is just one of a series of recent development projects to improve facilities for students. The Students' Union building on the Cathays campus has been modernised as part of a multi-million pound redevelopment that includes a new nightclub, more social learning spaces, a new food court and refurbished reception and social areas. We invested £3M in a new 2nd floor venue for the building and also opened a third-generation pitch at our Llanrumney playing fields.

REF 2014 has given us a spectacular opportunity to let the world know what a great university we have here at Cardiff.

Alongside these launches, openings and investments, our staff and students achieved a number of significant personal successes that reflect well on the University. Professor Teresa Rees was made a Dame in the New Year's Honours list for services to social sciences. Professor Steve Eales was awarded the highly prestigious Herschel medal for investigation of outstanding merit in observational astrophysics, and Dr Haley Gomez received the Fowler Award for noteworthy contribution to astrophysics. Professor Sally Holland, who has an international reputation built on enabling children and young people to represent their own views through participative research methods, was named as the new Children's Commissioner for Wales.

In the Commonwealth Games in Glasgow in 2014, our students excelled. Eight of our high-performance athletes competed in the Games, with Physiotherapy student Sally Peake taking a silver medal in the Pole Vault and Biosciences student Natalie Powell achieving a gold medal in Judo.

At the end of last year our law students made history, overturning a murder conviction as part of a project run by

the Cardiff Law School. The Innocence Project was established in 2006 to harness the interest of students in the area of criminal law and miscarriages of justice. It's wonderful to see our students applying the skills that we have taught them to make a real and life-changing difference.

Looking to the year ahead, our plans are ambitious. Work on our new £44M CUBRIC building is well underway and due for completion towards the end of 2015. The new building will be one of Europe's top facilities for brain imaging. We also plan to introduce a number of new University Research Institutes, in addition to our existing four, to tackle the grand global challenges of today.

REF 2014 has given us a spectacular opportunity to let the world know what a great university we have here at Cardiff. In the pages that follow, you'll see just some of the achievements that represent the story of the last 12 months. There is much more excellence and innovation that could not be included here.

I hope you enjoy reading this *Annual Review*, and look forward to building on our success next year.



2014

YEAR IN PICTURES



LIVING WAGE EMPLOYER

Cardiff University became Wales's first university to be accredited as a Living Wage employer. Agreeing to be a Living Wage employer means that everyone working at Cardiff University receives a minimum hourly wage significantly higher than the national minimum wage.



HEALTHY AGEING

Tracking the lifestyle habits of 2,500 men living in the Caerphilly area over 35 years, researchers from the School of Medicine found that those who followed four or five specified healthy habits had a significantly reduced risk of chronic disease. The steps included: regular exercise, non-smoking, a healthy bodyweight, a healthy diet and a low alcohol intake.



DIGGING THE 'DIFF

More than 1,000 people joined a summer season of excavations and explorations on the Iron Age Caerau fort in Ely. Volunteers worked with researchers from the University to excavate a sizeable section of the site, digging down to unearth their heritage while learning new skills and building strong local bonds.



NEW CATERPILLAR SPECIES DISCOVERED

Researchers from the School of Biosciences working at our Danau Girang Field Centre in Borneo discovered a new species of caterpillar. The caterpillar has the unique ability to make its cocoon out of flakes of dried resin, providing a unique set of protective features.



LOST VISIONS

Professor Julia Thomas from the School of English, Communication and Philosophy is collaborating with experts from the School of Computer Sciences & Informatics to make thousands of neglected images from the British Library available for the public to search online. Although many historical texts have been digitally stored, the illustrations - many of which date from the eighteenth century - frequently lack the information needed to help people understand them.



CARDIFF INNOCENCE PROJECT MAKES HISTORY

Students from Cardiff Law School secured the first appeal success for an Innocence Project in the UK, with the quashing of the murder conviction of Dwaine George. George served 12 years in prison for the crime after being found guilty at the age of 18. Innocence Projects allow students to work on cases of long-term prisoners who maintain their innocence of serious crimes for which they have been convicted.

SUPERCOMPUTING SAVING THE LIVES OF CYCLISTS

Researchers in the School of Engineering are hoping to reduce the number of cyclist deaths and serious injuries in the UK by using supercomputing to optimise the mechanical structures of 3D printed bicycle safety helmet designs.



VARSITY VICTORY

Cardiff students successfully retained the Welsh Varsity Shield. In an impressive sporting display, Cardiff students beat their Swansea counterparts across more than 22 sports, including cricket, ladies' football and canoe polo.



COMMONWEALTH GAMES SUCCESS

The University celebrated the medal-winning performances of two of its students at the Commonwealth Games in Glasgow. Natalie Powell won Wales' first Commonwealth gold in Judo, whilst Sally Peake secured a Commonwealth silver with a pole vault of 4.25m. The duo were part of a team of eight from our High Performance Programme (HPP) which supports students performing at the highest sporting level.



CHINESE COLLABORATION

The University embarked on an exciting partnership with Beijing Normal University - the Beijing Normal-Cardiff Chinese College. The College will offer a flagship dual degree programme in Chinese Studies, allowing students to study two years in Cardiff and two in Beijing.



SUSTAINABLE DESIGN

The Welsh School of Architecture welcomed 91 students from across the globe for the Low Carbon Architecture Summer Programme. The Programme welcomes international undergraduates and recent graduates from schools of architecture and the built environment keen to develop a UK experience in low carbon design.



SUPPORTING WORLD AIDS DAY

The University hosted a week of events to mark World AIDS Day. On the day itself, Main Building was lit red as a gesture of support for people living with HIV and to commemorate those who have died.



CHALLENGE CARDIFF

The University's new research magazine, *Challenge Cardiff*, was launched in December. The magazine gives the users and beneficiaries of our research a chance to push us towards our next challenge. It tackles many of the most pressing issues for Wales, the UK and the wider world.

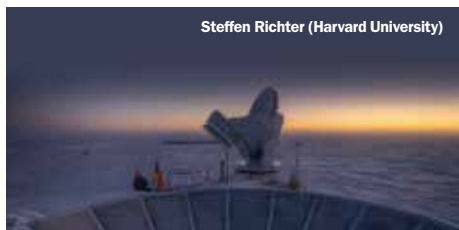
RESEARCH AND INNOVATION

Cardiff is ranked amongst the top 5 universities in the UK for research excellence. We are an ambitious and innovative University that attracts the world's best researchers. From conserving endangered species in Borneo to discovering the potential of gold to save lives and clean up the environment, our research is making a difference across the world. We have a thriving innovation culture and through our Innovation System we will connect industry, business, government and NGOs with our academics, nurturing student entrepreneurship and championing grass-roots business development.



CARTOONING THE FIRST WORLD WAR

In the year that marked the centenary of the beginning of the First World War, the *Cartooning the First World War* project, led by Professor Chris Williams of the School of History, Archaeology and Religion, digitised the entire wartime output of the *Western Mail* and *News of the World* cartoonist Joseph Morewood Staniforth. The project is the first time that the 1,350 pen and ink cartoons have been brought together and it has made them accessible to both researchers and the general public.



Steffen Richter (Harvard University)

EVIDENCING THE BIG BANG

Researchers from the School of Physics & Astronomy were part of the international BICEP2 collaboration that produced the first direct evidence of cosmic inflation. The findings are key to answering some of the biggest questions in cosmology. The discovery provides valuable insights into processes that took place in the early formation of the Universe.



JEKYLL & HYDE FOR A NEW GENERATION

Thanks to a partnership between a Cardiff academic and a Bristol games company, people can now experience Robert Louis Stevenson's gothic novel *Strange Case of Dr Jekyll and Mr Hyde*, in a completely new way. Dr Anthony Mandal from the School of English, Communications & Philosophy, acted as the academic lead on the ground-breaking *Jekyll 2.0 project*, that builds on the latest bio-sensing technology. The company is now releasing the project commercially in a horror-maze game called *Hyde*.



DECODING THE WORLD'S MOST COMPLEX VIRUS

Scientists from Cardiff and Harvard universities have provided the most detailed understanding to date of the world's most complex virus, Cytomegalovirus (CMV). Most people will in their lives become infected by CMV and the infection lasts a lifetime. CMV can cause severe disease in immunosuppressed transplant recipients or individuals with HIV/AIDS, and is responsible for the birth defects of around 1,000 babies annually. The international collaboration used cutting-edge 'viromics' technology to track more than 150 viral and 8,000 cell proteins to provide extraordinary detail on exactly how the virus commandeers the cell's metabolism and compromises our immune defences.

SCANNING SOCIAL MEDIA

The University's Collaborative Online Social Media Observatory – a partnership between the School of Social Sciences and the School of Computer Science & Informatics – studied the social media activity in the immediate aftermath of Fusilier Lee Rigby's murder. Researchers analysed more than half a million tweets and found that messages loaded with racial tension and hate were far less likely to spread than those infused with love.



KICK-STARTING SCHIZOPHRENIA RESEARCH

An international collaboration of over 300 scientists in 35 countries worldwide discovered more than 100 genetic risk factors linked to schizophrenia. The study conducted by the Psychiatric Genetics Consortium (PGC), led by Professor Michael O'Donovan from the University's MRC Centre for Neuropsychiatric Genetics and Genomics, was the biggest molecular genetic study of schizophrenia ever conducted.

STATE-OF-THE-ART STUDENT ACCOMMODATION UNVEILED

Professor Patricia Price, Pro Vice-Chancellor, Student Experience and Academic Standards, opened Talybont Gate, our new £6.4M hall of residence. The development can accommodate 179 undergraduate and postgraduate students. Talybont Gate is part of the University's on-going commitment to providing high quality student accommodation that offers a sense of community for our students.



EDUCATION

At Cardiff we value excellent teaching and learning, and aim to provide a positive and enriching educational experience for all of our students. Our students are drawn from all strata of society and come from all over the globe to experience the benefits of a Cardiff University education.

TRAINING THE NEXT GENERATION OF ENVIRONMENTAL SCIENTISTS

GW4, Cardiff's collaboration with three of the South West of England's leading research-intensive universities (Bath, Bristol & Exeter) launched a major partnership designed to train the next generation of environmental scientists. The GW4+ Doctoral Training Partnership brings together over 30 research, industrial and third sector organisations to support and deliver doctoral training across all areas of the environmental sciences.

STUDENTS' UNION SATISFACTION SUCCESS

Cardiff University's Students' Union was ranked as one of the best in Britain. The 2014 National Student Survey (NSS) placed it in the top 5 in the UK, with 85% of students saying that they were satisfied with the Students' Union.

PHD SCHOLARSHIPS TO BOOST WELSH-LANGUAGE RESEARCH

Three Cardiff University students were awarded scholarships by Coleg Cymraeg Cenedlaethol to pursue doctorate degrees and contribute to undergraduate learning modules delivered through Welsh. Rhidian Thomas, Ben Screen and Sara Orwig took up their postgraduate scholarships after completing their undergraduate studies at Cardiff.

PRESTIGIOUS AWARD FOR STUDENT SERVICES

The University's Student Support and Wellbeing Division was awarded a prestigious customer service award, recognising the first-class service it offers to students to enhance their university experience. The Customer Service Excellence® standard is awarded for excellence in customer service.



GAY BY DEGREE

Cardiff became the only university in Wales to achieve top marks in the Stonewall Gay By Degree University Guide. The Guide is designed to help LGB prospective students choose a university that will welcome and support them and contribute to their student experience.



ENGAGEMENT

2014 saw the launch of our five flagship engagement projects. The projects are ambitious in scope and varied in nature, from providing opportunities for shared learning with the University of Namibia, to fostering social and economic development in Grangetown, Cardiff.

We are working with communities on issues such as tackling poverty, boosting the economy, and improving health, education and wellbeing.



PHOENIX PROJECT

Our *Phoenix Project* aims to build a long-lasting mutually beneficial relationship with the University of Namibia in southern Africa. Cardiff worked with the University of Namibia to deliver the country's first Python conference, providing an opportunity for Namibians to collaborate to develop Python open-source software for their own and their country's needs.

CENTRE FOR COMMUNITY JOURNALISM

The Centre for Community Journalism works with communities across Wales to improve the provision of community news in both English and Welsh. As part of this commitment the Centre delivers digital literacy training, enabling communities to develop hyperlocal news platforms as a means of sustaining community connections.

In 2014 the Centre provided online training to over 9,000 people across the world through its FutureLearn MOOC (Massive Open Online Course) – the world's first community journalism MOOC.



COMMUNITY GATEWAY

Community Gateway works in partnership with the people of Grangetown, one of the most culturally diverse and largest electoral districts in Cardiff. Our staff and students are collaborating with the people of Grangetown to foster social and economic developments, focusing on health, sustainability and the environment. Students from the Welsh School of Architecture worked with local residents to plan how best to transform the disused Grange Gardens Bowling Pavilion into a vibrant hub for the whole community.



STRONG COMMUNITIES, HEALTHIER PEOPLE

The *Strong Communities, Healthier People* project is developing and piloting a sustainable model of collaborative research, education, engagement, knowledge exchange and impact between the University and local communities. The project is working with Welsh Government, the NHS in Wales, as well as the Communities First network and the Wales Council for Voluntary Action to narrow the economic, education and skills, and health gaps between Wales's most deprived and more affluent areas.



CITY REGION EXCHANGE

The *City Region Exchange* is engaging with communities that are a critical part of the local economy and also with those who are helping to shape the development of the Cardiff Capital Region. These include communities of policy makers such as the various local governments, as well as with businesses and employers and their representative groups. The project is informing and shaping the development of the city-region by providing the knowledge and evidence base that is needed by these different communities to help the city-region to function effectively.

INTERNATIONAL

Our global community, reputation and partnerships are at the heart of our identity. Our international collaborations are having major impact, from partnering with institutions in the USA to uncover the first direct evidence of cosmic inflation to saving lives in Namibia.

We attract the highest calibre of academics and researchers from around the world, further enhancing the learning experience for students and bringing a wider perspective to our research.



CHEVENING SCHOLARS

Cardiff played host to 50 Chevening scholars as part of a programme of events to widen their knowledge of the UK and meet with fellow students during their studies. The Chevening Scholarships are a prestigious global scholarship programme designed to foster close relationships with future decision-makers.

NATO AFTER WALES

On the eve of the NATO Summit, when the eyes of the world were focused on Wales, leading thinkers and decision makers in the international security and defence community converged on the Welsh capital for a conference organised by Cardiff University. Together global leaders from academia, governments and international security and defence organisations sought answers to a testing geopolitical landscape. Deputy Secretary General of NATO, Ambassador Alexander Vershbow delivered an agenda-setting speech in advance of the Summit itself.

COMICS CREATED TO HELP PREVENT SPREAD OF EBOLA

30 young people in Ghana are helping in the fight to prevent the spread of Ebola through an innovative project developed by Dr Lisa El-Refaie from the School of English, Communication & Philosophy. The project was delivered by Africaid WhizzKids United (WKU), an international NGO based in South Africa. The young people designed comic strips to help spread key messages to the community. The project follows in the footsteps of a similar HIV-focused campaign in KwaZulu-Natal, South Africa.

QS WORLD RANKINGS

Cardiff was ranked as one of the top universities in the world in the *2014 QS World University Rankings*. The rankings reveal the top 200 universities in the world for 30 different disciplines. Three of our subjects either improved in ranking or featured for the first time: Psychology – which is ranked in the top 50 in the table; Sociology; and Statistics & Operational Research.



CREATING OPPORTUNITIES THROUGH PARTNERSHIP

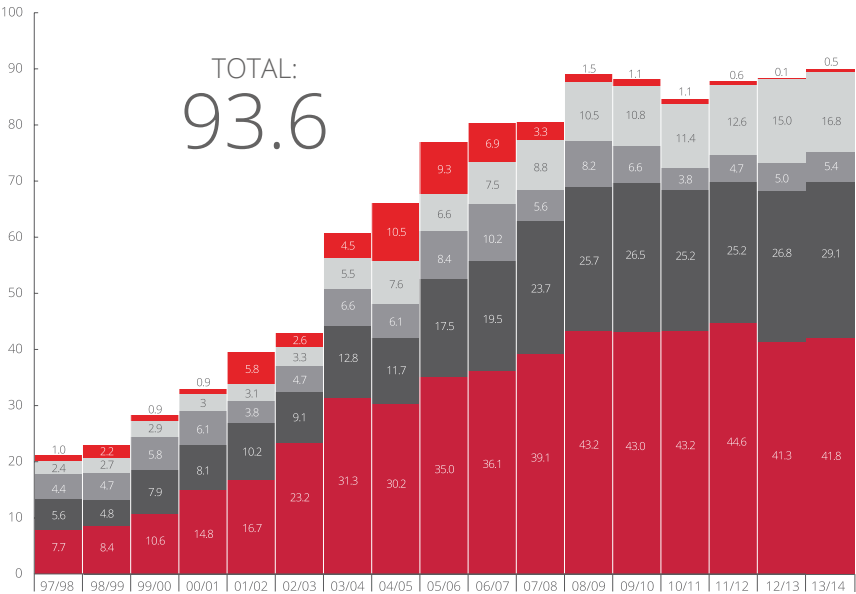
Cardiff signed an agreement with Belgium's largest university, the University of Leuven. The Cooperation Agreement will boost research income, create new research collaborations and offer more opportunities for students and staff to study and teach abroad. The Agreement builds on existing academic collaborations, and over the next five years, will create more opportunities for students and the wider academic community to experience studying and teaching abroad.

GLOBAL OPPORTUNITY CENTRE

Baroness Eluned Morgan opened our new Global Opportunity Centre (GOC). The Centre is a one-stop-shop offering Cardiff's 19,000 undergraduates the latest advice and information on student mobility. The initiative is designed to encourage students to embark on an overseas experience as part of their studies in order to enhance their employment prospects. The University is investing £1.6M over the next four years in new bursaries to overcome the financial barriers and examine new ways of recognising the educational contribution of international experience.



FINANCIAL PERFORMANCE



RESEARCH GRANTS AND CONTRACTS INCOME

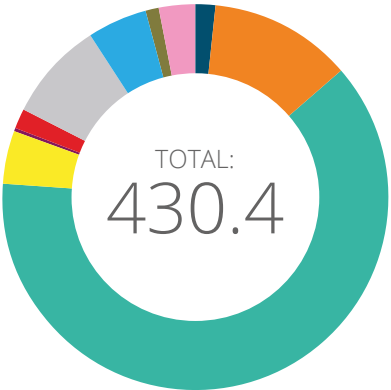
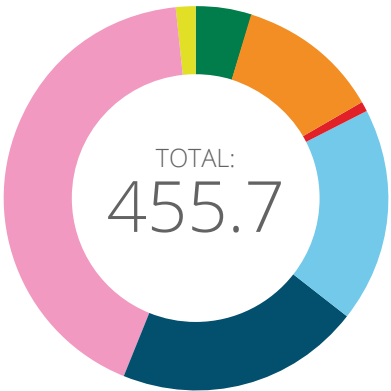
Key	£M
Other	0.5
EU and Overseas	16.8
Industry and Commerce	5.4
Public Corporations, Local Authorities, UK Government	29.1
Research Councils and Charities	41.8

INCOME

Key	£M
Residences and Catering	22.5
Services rendered	54.1
Endowments and interest receivable	3.5
Funding Councils grants	82.3
Research grants and contracts	93.6
Fees and support grants	192.8
Other operating income	6.9

EXPENDITURE

Key	£M
Academic Services	7.6
Academic Schools	47.9
Staff costs	253.4
Depreciation	18.1
Interest payable	1.2
Residences, Catering and Conferences	6.9
Research grants and contracts	33.8
Premises	19.5
Administration and Central Services	5.1
Other expenses	11.4
Other services rendered	25.5



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

Children and Young People's Research Network	British Schools & Universities Foundation Inc	Commonwealth Scholarship Commission	Federation of Small Business Wales	Foundation UK	Niemann-Pick Research Foundation
3M Unitek	British Skin Foundation	Community Housing Cymru	Fight for Sight	Karyopharm Therapeutics Inc	Nippon Foundation
AbbVie Ltd	British Society for Geomorphology	Complement UK	Finite Element Analysis Ltd	Kidney Research UK	Northwest London Hospitals NHS Trust
Abcam Plc	British Society for Haematology	Cook Medical Technologies LLC	Fit for Work UK Coalition	King Abdulaziz City for Science and Technology	Norwegian Research Council
Academy of Medical Sciences	British Society of Audiology	Cooper Vision	Flintec UK Ltd, KTP	Kingdom of Saudi Arabia	Novartis Pharmaceuticals UK Ltd
Achillion Pharmaceuticals Inc	British Thyroid Foundation	COPDEND	Freescale Semiconductor Inc	KPMG	NPS Pharmaceuticals Inc
Action for Children	CADW Welsh Historical Monuments	Cornwall Council	Fujitsu (FTS) Ltd	KTP	Nucana Biomed Ltd
Action Medical Research	Caerphilly County Borough Council	Costain Ltd	FutureWei Technologies Inc	LAKEFEST	Nuffield Foundation
AICR: American Institute for Cancer Research	CafCass	Countryside Council for Wales	Gama Healthcare	Leukaemia & Lymphoma Research	Nystagmus Network
Airbus Group	Cambridge University Press	CSL Behring GmbH	Gazi University	Leukaemia Research Appeal for Wales	Omega Pharma Innovation & Development
AlgiPharma AS	Campaign for Alzheimer's Research in Europe	CTI BioPharma Corp	Genetics Society	Leverhulme Trust	Ono Pharmaceuticals Laboratories Co Ltd
Align Technology Inc	Canal and River Trust	Cultech Ltd	Genzyme Corporation	Llamar	Oral B
Alstom Grid UK Ltd	Cancer Research & Genetics UK	Dentsply Ltd	Geological Society	London Mathematical Society	ORMCO (Orthodontic Research Manufacturing Co.)
Alzheimer's Research UK	Cancer Research UK	Department for Business, Innovation & Skills	GlaxoSmithKline	Macmillan Cancer Support	Oroo
Alzheimer's Society	Cancer Research Wales	Department for Education	GlaxoSmithKline Consumer Healthcare	Marie Curie Cancer Care	Oticon Foundation
Ambit Biosciences Corporation	Cardiac Research & Development Fund	Department for Environment, Food and Rural Affairs	Great Britain Sasakawa Foundation	Mazars	Orter Trust
American Embassies London	Cardiff & Vale University Health Board	Department of Energy and Climate Change	Grupo AC Marca SL	Medical Research Council	Parkinson's UK
American Thyroid Association	Cardiff City Football Club	Derby Hospitals NHS Foundation Trust	Guy's & St Thomas' NHS Foundation Trust	Merck KGaA	Pathological Society of Great Britain and Ireland
Amgen Inc	Cardiff Partnership Fund Ltd	Deutsche Borse AG	Gwent Domestic Abuse Services	MHRN - Cymru	Patterson Medical Ltd
Amser Justin Time	Cardiff University Students' Union Cardiff	Deutsche Forschungsgemeinschaft	Halliday James Ltd	Michael J Fox Foundation	Pharmacosmos A/S
Aneurin Bevan Health Board	Carysium Consulting Ltd	Diabetes UK	Healing Foundation	Ministry of Higher Education & Scientific	Pharmacy Research UK
Antisense Therapeutics Ltd	CDKL5 UK	Diabetes Vaccine Development Centre	Heart Research Fund for Wales	Molson Coors	Philips Research Laboratories
Arthritis Research UK	Celgene International Sarl	Dr Willmar Schwabe GmbH & Co	HEFCW	Mott MacDonald	Phillips Sonicare
Arts & Humanities Research Council	CEOI ST	DSTL	Henson Research Foundation Inc	MP Capital	Police & Crime Commissioner for South Wales
Ash Wales Ltd	Chartered Society of Physiotherapy	Durrell Wildlife Conservation Trust	Higher Education Academy	Multiple Sclerosis Society	Posiva Oy
Asset International Ltd	CHDI	Dyfed Powys Police	Higher Education Commission	Myristica Trust	Procter & Gamble Technical Centres Ltd
Asset Skills	Chester Zoo	EC Harris LLP	Highways Agency	Nanotether Discovery Science Ltd	Prostate Cancer Research Centre
Astellas Pharma Global Development Inc	Chief Scientist Office of Scottish Government	Eckert & Ziegler EUROTOPE GmbH	Historic Scotland	Napp Pharmaceuticals	Prostate Cancer UK
AstraZeneca UK Ltd	Children with Cancer UK	Economic & Social Research Council	Hoare Lea and Partners	National Eye Research Centre	Public Health Wales
Atkins Ltd	Christian-Albrechts-Universität zu Kiel, Regional Studies Association	Embassy of the Republic of Iraq	Home Office	National Grid Electricity Transmission Plc	QBiotech Ltd
Atopix Therapeutics Ltd	Christine Baltzer Parks Environmental Foundation	Engineering and Physical Sciences Research Council	HPC Wales	National Health & Medical Research Council	RAF
Avita Medical Europe Ltd	City and County of Swansea Clinic Compare	Epilepsy Research UK	Huawei Technologies Co. Ltd	National Institute for Health and Clinical Excellence	REACT
Baoshan Iron & Steel Ltd	CNPq	Erskine Dental	ICAEW	National Institute for Health Research	Reardon Smith Nautical Trust
Battelle Memorial Institute	Cochlear Bone Anchored Solutions AB	European Aspergillus PCR Initiative	ICDP	National Instruments Corporation UK Ltd	Reckitt Benckiser LLC
Biochemical Society	Coleg Cymraeg Cenedlaethol	European Foundation for the Study of Diabetes	Innovate UK	National Physical Laboratory	Renishaw PLC
Biomet Manufacturing LLC	College of Optometrists	European Huntington's Disease Network	Institute for Aegean Prehistory	National Prevention of Cruelty to Children	Repetitive Energy Company Ltd
Biotechnology and Biological Sciences Research Council	College of Policing	European Science Foundation	Intellectual Property Office	Natural Environment Research Council	Rett UK
BioVitas Capital Ltd	College of Radiographers	European Space Agency	Intensive Care Society	Natural Resources Wales	RG Legal Limited
BRACE	Collegium de Lyon	Experimental Psychology Society	Interceptor Solutions Ltd	NESTA	Rhino Teamwear
Brain & Behaviour Research Foundation	Commission of the European Communities	Exxon Mobil Research & Engineering Co	International Wildlife Consultants (UK)	Newydd Housing Association	Ricardo Deutschland GmbH
BRE Trust			Interreg IVC	NHS Bristol Clinical Commissioning Group	Roche Products Ltd
Brick Fabrication Ltd			Invista Textiles (UK) Ltd	Niemann-Pick Disease Group (UK)	Rosetrees Trust
British Academy			Ivanhoe Mines Ltd		Royal Academy of Engineering
British Council			Jaguar Land Rover Limited		Royal Bank of Scotland
British Geological Survey			Jane Hodge Foundation		Royal College of Music
British Heart Foundation			Jean Rich Foundation		
British Lung Foundation			Johns Electrics (1989) Ltd		
British Ornithologists Union			Juvenile Diabetic Research		
British School at Athens					

Royal College of Nursing of the United Kingdom	Seed Co Ltd	Swedish Orphan Biovirum AB (publ)	Tiziana Pharma Ltd	Velindre NHS Trust	Welsh Government (NISCHR)
Royal Embassy of Saudi Arabia	Selden Research Ltd	Synagave BioPharma Corp	Toshiba Research Europe Ltd	VolkerFitzpatrick Limited	Welsh Government (WORDSCH)
Royal Geographical Society	Selex ES Ltd	Synta Ltd	TP Orthodontics	Volkswagen Foundation	Welsh Thoracic Society
Royal Society	Septodont S A S	Synta Ltd	Tramorgan Limited	Wales & West Utilities	Welsh Varsity Ltd
Royal Society for the Protection of Birds	Septodont SAS	Systagenix Wound Management	TriQuint WJ Inc	Wales Heart Research Institute	Welsh Wound Innovation Ltd
Royal Society of Chemistry	Ser Cymru NRN Bangor	TATA Steel	Tuberous Sclerosis Association	Wales Probation Trust	Wesleyan
Royal Society of Chemistry, Belgium	Ser Cymru NRN Swansea	Tata Steel UK Ltd	Ube Industries Ltd	Waterloo Foundation	West of England Academic Health Science Network
Santander UK PLC	Shanghai LubanSoft Co Ltd	Tayside NHS	UCB Pharma Ltd	Wellcome Trust	White Consultants: Environment Ltd
SARTRE	Siemens AG	TdeltaS Ltd	UK Biobank	Welsh Arthritis Research Network	Wildfowl and Wetlands Trust
Saudi Basic Industries Corporation	Sight Support Cymru Ltd	Ted Hopkins Ltd	UKIERI	Welsh Centre for Crime & Social Justice	Wolfsdale United Reformed Church
Science & Technology Facilities Council	Society for Applied Microbiology	Tenovus	United Utilities Group	Welsh Crucible	Wolfson Foundation
Secretary of State for Health	Society for Reproductive and Fertility	The Hanna Foundation	Universitaet Ulm	Welsh European Funding Office	Woundchek Laboratories B. V.
Secretary of State of Defence	Society of Anaesthetists of Wales	The Neuro Foundation	Universitat Bayreuth	Welsh Government	Yiling Pharmaceuticals Co Ltd
	South Wales Police	The DUU	University of California		
	SRK Consulting (UK) Ltd	The IET	University of Oxford		
	Sunesis Pharmaceuticals Inc	The Orthodontics Company	University of the West of England		
	Swansea University	ThermoFisher Scientific	Urology Foundation		

INDIVIDUALS

Eli G Absi	Thomas P Beech	David R Bull	Guy Clarke	Angela Croad	Shan Dawson	Catherine J Evans
John Adams	Royston V Beldam	Ian Bunting	Kathryn Clarke	John M Croad	Lianne Deeming	David M Evans
Adedoyin M Adeleye	James A Bell	Jill Burdall	Jodie Clarke-Keane	Gwenda M Crosby	John S Dent	David R Evans
Mark I Adelman	JGK J Bell	Sharon Burgess	Jennifer Clasper	Sophie Cross	Stephen P Denyer	Ifan G Evans
Mohammed M Al-Shalabi	Thomas Hugh Bellis	Susan E Burgess	Michael J Cleaves	Bernard Crotty	Rupert M Detheridge	Jane Evans
Maria J Albertelli	David G Bembo	Catharine L Burkey	Joanne S Clement	Lynsey T Cullen	Elizabeth Ann Devenish	Jessica R Evans
Arshad Ali	Eitai Ben-Natan	Carole Burnett	Keith E Clements	Mark Cunniffe	Samantha C Dias	Judith Evans
Tauhid Ali	John A Benjamin	Adrian P Burton	Derek J Clements-Croome	Craig Currie	Philip Diggins	Justin Evans
Ann K Allen	Richard J Bennion	Hannah Butterworth	Andrew J Clemitson	Claire Curtis-Thomas	Fergus Dignan	Kenneth A Evans
Kay Allen	Karen Benson	Ronald Camp	Laura J Clemoes	Elizabeth B Daglish	Ian R Dimmick	Laurence G Evans
Maddalaine Ansell	Zena Bentley	Andrew M Campbell	Simon J Cliff	David S Dalglish	Laura Dinsdale	Linda Evans
Regina B Appah	Ian R Besant	Christine J Campbell	Des Clifford	Aysha Danks	Barbara E Dixon	Martin J Evans
Beryl Apsitis	Phil Bessant	Douglas R Campbell	Seamus J Clifford	Matthew Danks	John L Dixon	Michael T Evans
Nicola M Arnold	Andrew J Bevan	Jimmy Campbell	Richard A Clubb	Eleanor M Dart	Sarah M Dobbs	Sian E Evans
Peter Ash	Gillian Bevan	Julian C Campbell	Nicola Clynes	Laura M Dauny	Hifziye R Dodd	William D Evans
Peter G Ashby	Clive M Bevit	Ann P Canham	Derek A Coffman	Peter W Davey	Owen M Donovan	Gavin T Eynon
Carole A Ashton-Jennings	Chetan Bhawe	Dean F Capon	Susan Coldwell	Vivian E David	Janet Down	Triona M Fahey
John Austin	Lyndon N Bigmore	Mary Capp	Carol E Cole	Irene Davidson	Robert Down	Jonathan A Faithfull
Jane E Ayres	Roger Bird	Joanne Capper	Michael E Cole	Aled H Davies	Martin P Drew	Jennifer A Farfort
Hassan S Badrek-Amoudi	Gerald J Bishop	Peter Carley	Andrew J Coleman	Bethan J Davies	Amanda Driscoll	Jane M Fenton-May
Anthony Bagshaw	Jillian S Black	Alison C Carter	Susan C Coleman	Brian R Davies	Lynne Driscoll	Isabelle C Ficker
Michael Bagshaw	Christopher J Blackwell	Ian W Carter	Richard S Collings	Caroline F Davies	Jonathan P Dudley	Angela G Filmer
Angela M Baker	Eve M Blakemore	Francesco M Casella	Helen R Collins	Christine J Davies	Eric M Dunkley	Carol E Filmer
Mark A Baker	Lynda S Blayney	Louise Casella	Oonagh E Collins	David M Davies	Geoffrey D Dunster	Mansel C Finniear
Ronald Baker	John W Blizzard	Sarah L Catterall	Robert Colver	Edna L Davies	Pavel Dvorak	David Fitzgerald
Liz Ballinger	Claudia Bloom	Jonathan S Chadburn	Martin A Comer	Enid H Davies	Emily S Dwight	Karen Fitzgibbon
Stephen A Bancroft	Jacky Boivin	Julian P Chamberlain	David M Conway	Gareth J Davies	Matthew J Dyer	William Fitzpatrick
Malaya K Banerjee	Graham P Booker	Betty Champion	Adrian W Cooke	Gareth R Davies	Benjamin B Eagle	Ian Foden
Beryl H Banner	Martin Booy	Clement L Chan	Marion N Cooke	Richard T Earp	Gareth W Davies	Karen L Folk
Paul Barnard	James E Borkoles	Evelyn A Chan	Nigel T Cooke	Hazel Davies		Chan K Fong
Andrew Barnes	Giselle Boucher	Wing L Chan	Michael G Coombs	James P Davies		Judith Forbes
Susan F Barnes	Thomas J Bourton	Satjinder S Chander	Pamela M Coomes	Joyce Davies		Margaret A Forman
Mark C Barrow	Owen Bowcott	Carlen Chandler	Sally Cooper	Kaye C Davies		Peter Forsyth
Katy F Bass	David Bowden	David E Charles	Jonathan B Copnall	Meirion R Davies		Andrew N Foster
Ashley Bateson	E Sian Bowen	Huw M Charles	Sarah E Coram	Mike Davies		Jane F Foster
Christopher H Battersby	Mathew I Bowen	Philip Edward Charlton	Norman S Corfield	Nancy L Davies		Terry Foster
Andrew R Battle	David L Bradley	Pingjun Chen	Victoria Cornish	Philip L Davies		Clare E Fowell
Maria Battle	Eileen Brandreth	Cathy L Cheng	Shaun Cowles	Robert A Davies		Helen Foyle
Michael D Bayliffe	Mike Brandreth	Sou P Cheong	Jonathan Cowpe	Robert A Davies		Andrew B Francis
Mona M Bayoumi	John Britto	Gaenor Chiles	Gordon A Cox	Ruth E Davies		Barbara H Francis
W Beattie	Paul Brooks	Michael Chiles	Patrick Michael Craig-Mcfeely	Thomas G Davies		Claire Frankcom
Paul Beaumont	Karen A Brown	Terence C Chivers	Elizabeth Craigmyle	Tracey M Davies		Joanne M Frankland
Helen Beddow	Peter M Brown	Chi K Chow	Yasmin J Crawford	Tudor J Davies		Geoffrey French
	Richard A Brown	Sheryl L Chung		Nicholas J Davis		Janice Fuller
	Fergus Brownlee	John G Clark		Richard I Davis		Frances L Game
	Annette E Bugaighis	Charles D Clarke		Paul R Dawson		Amy C Gander

INDIVIDUALS

Chula K Gangoda	Michael Charles Hargaden	David J Hughes	Judith M Jones	Sarah Leong	John W Masding	Brinley Newman
Mair E Garside	Rachel L Harries	James C Hughes	Julie Jones	Dominic P Lethbridge	Dyfrig Mason	Meng C Ng
Pat Gascoigne Williams	Abigail Harris	Kenneth P Hughes	Justin Wyn Jones	Susan A Leuchars	Roger M Mason	Carol Nicholls
Ahmed H Gedik	Bradley Harris	Peter I Hughes	Lowri Jones	Ben Lewis	David B Mathewson	Carrie E Nicholls
Catherine M Gedik	David Harris	Pryderi Hughes	Malcolm L Jones	Darryn Lewis	Jorg Mathias	Peter Nicholson
Ann Geen	Mairwen Harris	David A Hughston	Marilyn Jones	Emyr Lewis	Antoine N Mattar	Tatiana Nikolova
Laura C Gelder	Russ C Harris	Robert Hume	Peter H Jones	Gareth R Lewis	Eurem E Matthews	Masayoshi Noguchi
David R Gibby	Stephan T Harris	Mavis Humphreys	Peter W Jones	Heather L Lewis	Kent Matthews	Elizabeth K Norfolk
Mark L Gibson	Susan M Harris	Mervyn V Humphreys	Philip L Jones	Michael Lewis	Cassandra E Maunder	Fiona Norrie
Rachael C Gibson	Helen M Hart	Robert J Humphreys	Rhiannon F Jones	Mike Lewis	Karen May	Julia C Norris
David I Gidwell	Thomas M Harvey	Christopher C Hunt	Rhys Jones	Philip T Lewis	Christopher J Mayers	Menna R North
Adam M Gilbertson	Kath Hayes	Rosa M Hunt	Simon W Jones	Roger Lewis	Mark McArthur-Christie	Peter R Noyce
Laurence E Gifford	Emma Hazlewood	Amber L Hunter	Valerie Jones	Sian Lewis	Rosswen McCutcheon	Desmond J O'Callaghan
Bharti Gittins	Patricia Heath	Kirsty L Hunter	Paul C Joslin	Stephen J Lewis	Laraine McEnhill	Emily M O'Dwyer
Kathryn M Glover	Matthew P Hebburn	Jon Hussey	Anthony G Josty	Trefor G Lewis	Rory McGill	Sharon O'Flynn
David J Goddard	John Hedges	Wendy Hussey	Edward M Juleff	Valerie A Lewis	Micheal G McGrath	Patricia M O'Hara
John D Goddard	Peter Heintz	Dominic Hutchings	Sam M Karim	Windsor J Lewis	Gillian M McGregor	Claire I O'Leary
Adrian Godfrey	Thomas C Hellawell	Paul Hutchings	Nazia Kausar	Martin N Ley	Simon N McIntosh-Smith	Colin N O'Leary
Genna Godfrey	Stephen Hemmings	William J Ingle	Allan A Keall	Micha Leykum	John F McNamara	Patrick M O'Sullivan
Sally J Gold	Eleanor M Henson	Alan D Ingles	Julian H Keens	Dilys V Liles	Francesca M McVeigh	Tinuade Ojo
Stephen Golding	Andrew John Herbert	Wendy L Jackson	Olaposi S Kehinde	Louis P Lillywhite	Robert Mead	Huw Owen
Melissa D Goodman	John Herbert	Andrew S Jacobs	Terry Kehoe	Gordon J Lindsay	Jillian F Medcalf	Mairwen G Owen
G L Goodwin	Philippa Herbert	Yousef Abdul Latif Jameel	Gillian E Kelleher	Barry P Lionel	Angelina Mensah	Mary Owen
Paul G Goss	Gillian R Hewitt	Elizabeth B James	Charles Kessler	Hailey Llewellyn	Katrina Merrett	Robert J Owen
Angela Gould	Stephen D Heywood	Emlyn R James	Amna A Khan	Mabel Llewellyn	Sarah J Merrett	Julie A Owens
Charles W Gould	Elaine Hibbert-Jones	Jennifer Jane James	Rosalyn N Kilcourse	Sion G Llewelyn	Frances Merrifield	Bukola Oyinlola-Anuwe
Howard J Gould	Hilary A Hicken	Kathryn James	Andy King	Andrew D Lloyd	Raymond Merrington	Susan Palmer
Alan Goulding	Raymond Hicks	Graham Lloyd	Martin E King	Graham Lloyd	Julie M Metcalf	Keith Parfitt
Suzannah Gozna	Robert W Higgin	Ian Lloyd	Ronald King	Ian Lloyd	David Metcalfe	Amy E Parkin
Michele Grand	Christopher A Hilditch	Irene Lloyd	Simon A King	Irene Lloyd	Paul G Methven	Margaret A Parr
John D Grant	David G Hill	John Lloyd	John L Kingston	Sherrianne Lloyd	Tamsin L Miles	David Parry
Rosalind L Grant	Darren Hills	Ruth Lock	Sandra R Kirkman	Ruth Lock	Alan B Miller	Karen Parry
Lynette Gratwick	Susan Hinde	John L Loosemore	Farrukh Kirmani	Myfanwy Loudon	Edna G Miller	Victoria Parting
Sheila Greaves	Alex Hinkin	Adrian C Kite	John H Kitchener	Marjorie Lovell	Patrick Minford	Richard A Pask
Clara Greed	Maureen Hinkin	Matthew P Jenkins	Adrian C Kite	Steven J Luke	John R Mitchard	Manish S Patel
Christopher M Green	Rob Hinkin	Stephen R Jenkins	Matthew J Kneale	Susan Luke	Lily Rozita R Mohamad Khairi	Michael J Payne
Claire C Green	Rebecca Hinton	Wynn E Jenkins	Don Knight	Dawn Lynch	Steven J Luke	Rhian Peacock
Hugh D Greenwood	Andrew Hitchings	Bharat Kumar Jogia	Aleksandra Koj	Leonard Moon	Rosemary J Moloney	Stephen M Pearce
Raymond J Greenwood	Anna V Hodgekiss	Anne John	George Kotsis	Ben S Pearson	Leonard Moon	Ben S Pearson
Elspeth Greig	John Hodgkiss	Caroline C John	Carol Laffan	Fiona N Peel	Karen R Moreton	Fiona N Peel
Richard Greville	Lina Hogg	Ian J Johnson	Mustapha M Laljee	Rod Peet	Beverley J Morgan	Mike Penn
Lindsey J Griffin	Martin Hogg	Ilona Johnson	James M Lambert	Michael J Payne	Elaine Morgan	Lewis Percy
Tim Griffin	Robert Hogg	Rhiannon M Johnson	Patricia M Lambert	Rhian Peacock	Gareth D Morgan	Joanne Perfect
Elizabeth C Griffiths	Christopher J Holcombe	Angharad L Jones	Christina Macleod	Stephen M Pearce	Graham Morgan	Douglas J Perkins
Emyr W Griffiths	Liam Holeyman	Arfon L Jones	Mary D Macmillan	Ben S Pearson	Ian R Morgan	Fiona N Peel
Malcolm G Griffiths	Elizabeth E Holland	Beverley Jones	Christine Macpherson	Rod Peet	Meirion Morgan	Mary L Perkins
Peter Griffiths	Jacqueline Holly	Brian E Jones	Catherine M Maddock	Brian W Perman	Rachel Morgan	Brian W Perman
Sion M Griffiths	Martyn C Hooper	Christine V Jones	Jayne Maddox	Ian Perrin	Valerie Morgan	Morwenna J Perrott
Winston J Griffiths	Russell Hooper	Clive Jones	John S Madgwick	Charles L Perry	Gwynne Morris	Gavin D Phillips
Katharine J Gronow	Andrew Hope	Daniel N Jones	Chris Mainwaring	Gordon P Phillips	Susan P Morris	Hazel L Phillips
Tut San Guan	Chris Hopkins	Deborah M Jones	Timothy R Mainwaring	Mike Penn	Terence J Morris	Linda Phillips
Gulboy Guryel	John E Hopkins	Derek Jones	Saurav Majumder	Lewis Percy	Michelle K Morrison	Margaret F Phillips
Andrew Gwenter	Alan A Horn	Eirian M Jones	Aiden M Malanaphy	Joanne Perfect	Matthew P Mortlock	Matthew D Phillips
Eric Hale	Suzanne Hoselitz	Gareth Jones	Richard J Manchec	Douglas J Perkins	Oliver J Moule	Peter Phillips
Michael Hale	Gareth J Hoskin	Gareth W Jones	Dawn L Mannay	Mary L Perkins	David Mulligan	Brian W Perman
Kate Hall	Jack F House	Geraint W Jones	Stoyan Manolov	Ian Perrin	James M Mumford	Morwenna J Perrott
Robin J Hall	Elizabeth A Howard	Gillian M Jones	Laurel Mantzaris	Charles L Perry	Osman Munshi	Gavin D Phillips
Mark S Hambleton	Megan Howarth	Gwynfi Jones	Graham A March	Hazel L Phillips	Patricia A Murchie	Linda Phillips
Kenneth Hamilton	Stephen R Howe	Hugh Jones	Arthur V Marment	Margaret F Phillips	Paul Murphy	Matthew D Phillips
Marilyn Handslip	Geoffrey Howe Of Aberavon	Huw Emlyn Jones	Jane P Marran	Peter Phillips	Colin J Mutton	Stella M Phillips
Peter D Handslip	John H Howell	Janet E Jones	Nicholas R Marston	Joy E Pibworth	Gareth S Nash	David Pickering
Gareth J Hankins	Barbara Anne Hoyle	John H Jones	Christopher D Martin	Nigel D Pickett	Giles A Nelson	Stephen Pink
David A Harding		John L Jones	Felicity J Martin	Stephen Pink	Kenneth D Nelson	Marouf Pirouti
Karl M Hardy			Jeanette Martin	Ian J Pitman		Ian J Pitman

INDIVIDUALS

Marianne A Pitman	Pauline Reimers	Anil K Sachdev	Pasquale Spaducci	Norman T Thomas	Malcolm I Walker	Andrew Williams
Beverley Plummer	Pierrette I Relf	James M Sadler	Christopher C Spong	Peter C Thomas	Arthur E Wall	Dina Williams
Vanessa J Poeppinghaus	Branavan	John H Sadler	Nicola Spragg	Philip A Thomas	Paul Walsh	Donald L Williams
Andrew Pointon	Retnasingham	Yousif Saleh	David H Spriddell	Rhys Thomas	Donald Walters	Frank Williams
Timothy S Pollard	Susan Revill	Ronald J Salinger	Pamela Mary Standen	Richard Thomas	William D Walters	Haydn Williams
Albert Pomfret	Dave Reynish	David G Salter	Christina M Stanton	Stanley Thomas	Long Wang	Howard S Williams
Hashmat Popat	Paula M Rice	Stephen C Sambrook	Pamela S Stead	Rachel E Thomas-Jones	Benjamin K Ward	Humphrey R Williams
Meriel Pope	Amanda Richards	Quentin D Sandifer	Leonidas Stergiakis	Evelyn M Thompson	Ernest Ward	Keith C Williams
Stephen A Potter	Denise L Richardson	Alison Sandy	Barbara J Stewart	Andrew C Thorpe	Julia C Wardle	Leslie A Williams
Catherine Poulter	Stephen Richmond	Christine M Sangster	Joel T Strange	Kirsten E Thorpe	Colin D Warren	Mared E Williams
Alison M Powell	Mabli A Rickards	Carolyn Sansom	Sally Streeter	Brian P Threlfall	Sonia Watters	Martin D Williams
Margaret C Powell	Darren R Riggon	Henry Sawyer	Steffan Stringer	Robert Tibbott	Jeremy Watts	Natalie Williams
Rachel Power	Colin Riordan	Sonia Sayed	Gareth D Sutton	Christopher P Timmins	Paul D Watts	Natalie Williams
Ann D Price	Janice Risley	Angus M Scott	Janet B Sutton	Thelma R Tipping	Sheila A Way	Peter Williams
Hywel Price	Joseph H Robert	Diane Scott	Nicholas W Swain	Richard D Tizard	Emma L Webb	Rhys Williams
John T Price	Angharad Roberts	Donald Scott	David Swallow	Ceri Todd	Bryan Webber	Stanley Williams
Michael J Price	Catherine Roberts	Lisa Scott	Timothy R Swanson	Arshed M Toma	Chitra S Weerakkody	Suzi J Williams
Patricia E Price	David Roberts	Sharron M Scott	David R Swift	Anne P Tomlinson	Charles F Weiner	Wendy Williams
Sarah J Price	Dilys E Roberts	Dennis Scourfield	Mark J Sykes	Peter Tomson	Francis W Wells	Sarah Williamson
Mark A Pringle	Dyfed Roberts	Laurence Seeff	Michael J Symons	Rachel M Tomson	Oliver Wells	Eric H Willis
Eric Pritchard	Geoffrey I Roberts	John H Seigal	Joseph Tavana	John A Townend	William A Wells	Helen L Willis-Wood
Lisa S Pritchard	Geraint Roberts	Peter C Sergeant	Adrian M Taylor	Elizabeth Treasure	Caroline Westerman	Daniel Wincott
Ruth Pritchett	Richard N Roberts	Alexander M Shand	Ashleigh Taylor	Catherine A Tregunno	Rachel E Westerman	Julia M Wise
Caspar Probert	Susan M Roberts	Mohammed A Sharif	B G Taylor	Gabe Treharne	Rachel Whatley	Steve D Wittberger
Malcolm I Proud	Tegid Roberts	Michael J Shemilt	Michael Taylor	David Trend	Christine D Wheeler	Roy Wolstencroft
Bryan Pugh	Malcolm S Robertshaw	Fiona Shrive	Peter I Taylor	David E Trevett	Gordon J Wheeler	Chung W Wong
T J Pugh	Isobel E Robertson	Paolo Sidoli	Philip Taylor	Brian W Turner	Christopher D Whelan	Jon Wonham
John F Quinn	Graham I Robertson-	Ian Simpson	Shirley A Taylor	Christopher Turner	Graham Whelan	Jeremy K Wood
Rehan Quraishi	Williams	Katherine H Sinclair	Rachel E Taylor Swann	Iona Turner	Anne Whipp	Kelvin A Wood
Jujhar Rai	Mary Robertson-	Andrew C Skelton	Sian Templeton	John W Turner	Richard White	Neil R Wooding
Wendy E Rangeley	Williams	Jeffrey Skidmore	Ming K Teoh	Catherine E Tusting	Hazel M Whitefoot	Geoffrey R Woodman
Claudia A Rapport	Debbie A Rockey	Janet M Skiffins	Manos Thanoglou	Chris Tweed	Edna M Whitehead	Sadie Woodward
Ali K Rashid	John S Rockey	Julian T Smailes	Allan Thomas	Mary Tweed	Philip Whitehead	Sara J Worskett
Phillip J Rasmussen	Rivita M Rodrigues	Josephine K Smedley	Barbara Thomas	Alan Tyler	Richard Whiting	Beatrice M Wright
Sarah E Raywood	Claire Rodwell	Donald J Smith	Cath Thomas	Mike Vaughan	Jarmila J Wiener	Jason Wroe
Karen Reed	Bryony Roff Wayne	Ewan B Smith	Christine Thomas	Michael J Veale	John A Wignall	Richard Wyn Jones
Christopher M Rees	Royston Rogers	Geoffrey P Smith	David W Thomas	Paul A Vertannes	Ed Wilding	Brian C Yarwood
David G Rees	Andrew S Rose	Matthew D Smith	Graham Thomas	Andrew G Vinall	David B Wile	Rachel Yemm
David Martin Rees	Jonathan J Rosenthal	Peter J Smith	Graham C Thomas	Pauline M Wade	Eurwyn Wiliam	Amanda Yeoman
Dorothy L Rees	Huw Rossiter	Stephen L Smith	Huw R Thomas	Dagmar M Waiblinger	Nicholas R Wilkinson	Rachel Z Yerburch
Jeffrey W Rees	Geraldine Rowe	Mark J Smithson	Hywel R Thomas	Carol F Wainwright	Piers Wilkinson	Garry J Young
Nigel L Rees	Martin G Rowlands	Robert F Smyth	JDR Thomas	Geoffrey J Wainwright	Alan C Williams	Patricia R Young
Ruth Rees	Anthony P Royle	James E Snaith	Mark Thomas	David R Walker	Amy G Williams	Alexei Zhurov
Michael J Rego	Duncan N Russell	Bing Song	Marty A Thomas	Ian L Walker		

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