Contents

Our mission is to understand, to empower and act; to enhance the lives of individuals and the prospects of communities in a rapidly changing world.

04 Vice-Chancellor’s Welcome
06 Celebrating Success
08 Enterprise and Engagement
10 Making a Difference
12 Teaching and Learning
14 Research Excellence
16 Good Citizenship
18–30 Statement of Governance

Annual Report 2009–10
Vice-Chancellor’s Welcome

These are the most turbulent and challenging times we have seen for Higher Education in the UK for many years but the University of East Anglia (UEA) has every reason to look to the future with confidence.

2010 saw the first coalition government in the UK for almost 70 years. This unfamiliar twist on our traditional party politics has forced everyone, not least UK HE, to adapt to a new climate of policy making. As you might expect from an institution that already enjoys an international reputation for the study of climate change, UEA has risen to the challenge with a remarkable level of resilience and has found a way to ensure that our campuses remain highly inclusive social bodies. In the process, we have wished on seeking to influence Government policy in its early stages of development, whilst at the same time having wished on seeking to influence EU policy. The University is embarking on an innovative and ambitious collaboration with Fudan University in Shanghai. The alliance is the result of the tireless endeavours of Professor Trevor Davies. He has worked with Fudan for over four years to build a shared vision and to establish closer collaboration between the two countries’ top-flight researchers on responses to climate change. UEA leads a consortium of seven UK universities in the Tyndall Centre for Climate Change Research and Trevor will co-direct a new Fudan Tyndall Centre, the eventual goal being a matching consortium of China’s leading universities.

The national policy context: fees

One of the debates which has seen higher education thrust to the front pages and leader columns in recent months has been the decision to allow universities to charge fees of up to £9,000 per annum from 2012-13. You will have seen by now that UEA, in common with the majority of HE institutions in England, has sought permission to charge the maximum fee. In making this decision we have been careful to set the ground rules on which we view UEA’s position as exceptional and focused in particular on the two measures at the centre of debate: fees, student satisfaction and widening participation.

The University stands out nationally by delivering a highly-ranked student experience to a remarkably inclusive student body. In the National Student Survey (NSS), we are ranked as one of the top 2 in mainstream English universities. Yet we outperform by a long hand two ranked in the NSS Top 20 to achieve consistently strong scores across the three main widening participation measures, namely the proportion of students drawn from low-participation neighbourhoods, disadvantaged socio-economic backgrounds and state schools. On the last of those, the proportion of students from state schools, we not only perform far above the Russell Group average but outperform the national average, a rarity among English research-intensive universities.

If Ministers were to frame a policy in the forthcoming HE White Paper that succeeded in nurturing the development of “more UEA’s” to deliver their aspiration that the social profile of students enjoying the best student experiences should be inclusive, how well would you wish to support this confidence of student experiences and widening participation.

Some of Britain’s most successful international experts are the students we attract from overseas. They spend foreign currency on our education and on a whole plethora of goods and services. However, one of our recent graduates recently said of his experience: “the University is the best foreign experience I could have...it was the hardest decision for me to make...and took pride in...the exceptionally strong quality of teaching and support that CEER has provided”. He had worked with Fudan for over four years to build a shared vision and to establish closer collaboration between the two countries’ top-flight researchers on responses to climate change. UEA leads a consortium of seven UK universities in the Tyndall Centre for Climate Change Research and Trevor will co-direct a new Fudan Tyndall Centre, the eventual goal being a matching consortium of China’s leading universities.

The significance of the collaboration is such that it was the only venture of its kind to which the Prime Minister made direct reference on his recent visit to China. China’s political and economic power is swiftly dwarfing that of the UK and the potential benefits of vigorous intellectual engagement, for UEA and the NRP as a whole, is enormous. It can provide a potent stimulus for each dimension of our mission: research and education, enterprise and engagement.

Looking forward with confidence

Last year at this time the University found itself at the centre of an international storm over its climate research with allegations of scientific misconduct and deliberate falsification. For many months we were under continuous national and international media scrutiny and the subject of both Parliamentary and independent reviews. Our confidence in the quality and integrity of our science was unwavering, but it was nevertheless immensely satisfying and reassuring to receive resounding public vindication summarised, not least in the Government’s official response to the House of Commons’ Select Committee on Science and Technology in September 2010. It noted that our Climatic Research Unit (CRU) had been found by the Scientific Appraisal to carry out “public service of great value” and took pride in “the exceptionally strong contribution that UK scientists, including those at CRU, have played in assessing climatic changes, understanding current and future impacts, and proposing solutions to mitigate and adapt to changes.” If we take one lesson from this dramatic episode, it will surely be that our reputation, founded on the quality and integrity of our academic endeavours, is a firm anchor in even the most turbulent of seas.

Thank you

Lesser institutions than UEA would have emerged dismayed and daunted from the challenges of the last year. It is therefore with a mixture of pride and gratitude that we wish to see an institution so well equipped to succeed in the new era for Higher Education which we face. However, given the daily news may be, we have much to celebrate and every reason to be confident. I hope this report distils for you the source of that confidence, and forms a fitting tribute to colleagues and all our friends for their unflinching support and encouragement. Thank you very much indeed.

Defining our future at home and abroad

When looking for reasons for optimism, the 2011 Budget is perhaps not the place from which one would have thought to start. However, it is a measure of the esteem in which our research is held that, at a time of unprecedented downward pressure on public spending and living standards, the Chancellor announced an investment of £261 million in the Norwich Research Park (NRP).

Regional, where once we worked closely with the East of England Development Agency (EDEA) we will now be seeking to ensure that Higher Education in the region is strongly represented on the New Anglia Local Enterprise Partnership (LEP), one of 36 such partnerships that have been set up across the country to forge partnerships for economic development.

Further from home, the University is embarking on an innovative and ambitious collaboration with Fudan University in Shanghai. The alliance is the result of the tireless endeavours of Professor Trevor Davies. He has worked with Fudan for over four years to build a shared vision and to establish closer collaboration between the two countries’ top-flight researchers on responses to climate change. UEA leads a consortium of seven UK universities in the Tyndall Centre for Climate Change Research and Trevor will co-direct a new Fudan Tyndall Centre, the eventual goal being a matching consortium of China’s leading universities.

The Vice-Chancellor looks to the future with confidence despite turbulent and challenging times.
Celebrating Success

Top marks for education

Teacher training courses run by the School of Education and Lifelong Learning have been given an ‘outstanding’ grade by the inspection agency Ofsted. The University’s one-year Postgraduate Certificate in Education (PGCE) programmes for both primary and secondary teaching received the highest possible rating in every area.

The University also ranked second in the UK for Education in the 2011 Complete University Guide, published by The Independent. The newspaper also put the University in second place in the Times Good University Guide to 23rd place, which ranked us 18th in the country, while the latest National Student Survey placed us joint third among mainstream English universities for student satisfaction. The University also rose five places in The Times Good University Guide to 23rd place, and four places to 27th in The Independent Complete University Guide for 2012. The Times survey found student satisfaction to be high, scoring 83 points, compared to a high of 85 at Oxford and Cambridge. Both guides survey over 100 UK universities to compile their results.

Moving up in league tables

Our position as a top 20 university was confirmed in the Guardian University Guide 2012, which ranked us 18th in the country, while the latest National Student Survey placed us joint third among mainstream English universities for student satisfaction.

Major economics award

Head of the School of Economics, Prof Daniel Zizzo, has won the Kenneth J Arrow Senior Prize for his article, ‘Inferential Expectations,’ published in The B.E. Journal of Macroeconomics.

Senior economics experts from around the world voted Prof Zizzo’s article as the best paper by a senior scholar published in a Berkeley Electronic Press (bepress) economics journal in 2009. That year more than 400 economics articles were published by bepress.

Fellow of the Society of Biology

A lecturer on the University’s secondary PGCE course, Caroline Still, has been elected a Fellow of the Society of Biology. She has particular responsibility for secondary science and specialist biology training. Those invited to become Fellows have excelled in their area of biology and made a ‘prominent contribution’ to the biosciences.

Top award for Student Union

The Union of UEA Students has scooped its members and dedication to improving entertainments, sports and fitness clubs and organisations have upon communities. Judges praised the Union’s devotion to its members and dedication to improving the organisation.

Researchers associated with the University of East Anglia are well represented on the Eureka 100: a list of the most important contemporary figures in British science.

Eureka – our scientists make the Times’ top 100

Researchers associated with the University of East Anglia are well represented on the Eureka 100: a list of the most important contemporary figures in British science.

The list was compiled by 'The Times to celebrate the first anniversary of its science magazine Eureka.

Number one in the list is alumnum Sir Paul Nurse (pictured below left) who gained his PhD from our School of Biological Sciences. Prof Phil Jones (pictured below right), director of research at the Climatic Research Unit, was placed at number 43 and described as “renowned in the science community for his work on hemispheric and global surface temperatures” and as “one of the most cited researchers in geosciences.”

Other scientists featured in the list include Sir David King, who worked in the School of Chemistry early in his career, Lord Sainsbury, who has been a generous donor to the University over the years, and leading botanist Sir David Baulcombe.

A number of others appearing in the top 100 have received honorary degrees from UEA. They include leading cosmologist Sir Martin Rees, broadcasting icon Sir David Attenborough, writer Simon Singh MBE, climate scientist Sir John Houghton, Gaia theorist James Lovelock, fertility expert Prof Robert Winston, and infectious disease expert Prof Roy Anderson.

Researchers associated with the University of East Anglia are well represented on the Eureka 100: a list of the most important contemporary figures in British science.

Eureka!!

Top ornithologist honoured

Dr Jennifer Gill from the School of Biological Sciences received one of ornithology’s top awards. Recognised by the British Trust for Ornithology (BTO) for her considerable and ongoing contribution to British ornithology, Dr Gill received the Trust’s first Marsh Award for Ornithology.

Many ornithologists trained by Dr Gill now work for BTO and RSPB and at universities in the UK and abroad. She is currently collaborating with the BTO in three PhD projects related to how environmental changes impinge upon birds.

Dr Gill is best known for her studies of Icelandic Black-tailed Godwits, thousands of which spend the winter here in East Anglia. She is pictured above receiving the award.

Award for UEA historian

Prof Nicholas Vintcent has been elected a Fellow of the British Academy. Each year the academy elects to its Fellowship up to 38 outstanding scholars who have achieved distinction in the humanities and social sciences. Prof Vintcent, professor of medieval history, has published six books and some 50 academic articles on various aspects of English and European history in the 13th and 13th centuries.

Prestigious appointment for politics professor

Prof John Street (pictured above) has been made an Academician of the Academy of the Social Sciences. Academicians are distinguished scholars and practitioners from academia and the public and private sectors. Prof Street’s main research is on the relationship between politics and mass media and popular culture. He has published numerous journal articles and is the author of several books, including Politics and Technology, Rebel Rock: The Politics of Popular Music, Politics and Popular Culture, and Mass Media, Politics and Democracy.

Clinical psychologists celebrate prestigious awards

Two members of the clinical psychology programme in the Faculty of Medicine and Health Sciences are celebrating successes. Clinical lecturer Laura Jobson has been awarded a prestigious four-year National Institute for Health Research fellowship to explore the needs of people from different cultures who are suffering from post-traumatic stress disorder.

For the second year a clinical psychology doctoral trainee has won an Excellence Award at the British Association of Behavioural and Cognitive Therapy’s annual conference. Siobin Mubin was awarded the prize for his case report poster presentation about treating a 30-year-old man with severe learning disability for specific phobia. It demonstrated how core theoretical principles can be used to help adapt treatment for vulnerable individuals.
Enterprise and Engagement

National recognition for "outstanding" projects

Cutting-edge technology and a project supporting individuals and business during the recession were short-listed for the prestigious Times Higher Education Awards.

Intelligent Fingerprinting, a UEA spin-out company established to exploit innovative new nanotechnology developed during research by Prof David Russell from the School of Chemistry and academics from Kings College London, was shortlisted in the "Outstanding Contribution to Innovation and Technology" category.

The technology offers the ability to simultaneously detect both an individual's identity and their chemical information, for example from smoking, drug taking or substance handling, simply by taking a fingerprint. The company is currently working with businesses to build a sustainable economy around £13 billion.

Annually, around 175 million working days are lost to ill health in the UK, costing the economy around £13 billion.

The project aims to help individuals develop skills and career opportunities, prevent closures and redundancies, and help businesses be more innovative, efficient and successful in the future economy.

The visit came after several local businesses made Chloe aware of the invaluable support provided to them and their staff through the project.

Chloe said: "I am extremely impressed by this project. It has brought people together to address the top issue of the day – jobs. It shows some of the best of Norwich and Norfolk's attitude in getting educational institutions, students, firms large and small, and public sector organisations working together. I will make sure it is known in Westminster."

Another important feature of Project Evolve is its Graduate Internship Programme, which aims to boost the career prospects of graduates and inject fresh talent into organisations.

The programme has placed 200 graduates locally within organisations with a significant proportion of those going on to secure further employment within their host organisations or beyond.

Dr Harriet Jones, has so far seen teachers from over 125 schools across the UK attend training days for teachers.

Mark Donaldson of Mint Consult Ltd, who provided an internship for recent UEA graduate James Carter, commented: "Securing James on an internship has been invaluable… his impact on the business has been immense and has already led me to offer him employment."

Invigorate harness the University's wide ranging research expertise to assist businesses in identifying and resolving issues around employee lifestyle and work-life balance, musculoskeletal health, such as neck strain or back pain, and poor communication – all of which could lead to lost working days and poor performance.

Annually, around 175 million working days are lost to ill health in the UK, costing the economy around £13 billion.

The enterprise is also to provide regional business master classes on work health issues in partnership with Business in the Community, a charitable organisation that works with businesses to build a sustainable future and promote responsible business practices.

www.uea.ac.uk/ahp/invigorate

Part of the Higher Education Funding Council for England's Economic Challenge Investment schemes, which was launched in May 2009, Project Evolve brought together UEA and key partners including Norfolk County Council, City College Norwich and Norwich University College of the Arts, to deliver activities to support individuals and businesses and help strengthen Norfolk and Waveney through the economic downturn. See also page 9.

www.intelligentfingerprinting.com www.uea.ac.uk/nbs/evolve

Fellowship awarded to Invigorate

A physiotherapy lecturer has been awarded a £10,000 fellowship to develop a commercial enterprise that helps businesses improve performance through promoting healthy and productive behaviour.

Invigorate was launched by Jo Gaze in 2003 along with colleagues in the Faculty of Medicine and Health Sciences and the University’s Research, Enterprise and Engagement Office.

Having already won contracts with Adnams Brewery, the fellowship will now enable Invigorate to capitalise on their early success by focusing on marketing and business disciplines.

Innovate harnesses the University's wide ranging research expertise to assist businesses in identifying and resolving issues around employee lifestyle and work-life balance, musculoskeletal health, such as neck strain or back pain, and poor communication – all of which could lead to lost working days and poor performance. Annually, around 175 million working days are lost to ill health in the UK, costing the economy around £13 billion.

The enterprise is also to provide regional business master classes on work health issues in partnership with Business in the Community, a charitable organisation that works with businesses to build a sustainable future and promote responsible business practices.

www.uea.ac.uk/ahp/invigorate

Project Evolve has placed 200 graduates within local organisations with a significant proportion going on to secure employment within their host organisation or beyond.

Pioneering pre-university skills programme launched

A project to address the skills gap between school and university has launched a series of training days for teachers.

The PreUniversity Skills project, led by Dr Hamit Jones, has so far seen teachers from over 125 schools across the UK attending continuing professional development courses in London, Birmingham, Leeds, Manchester and Norwich.

PreUniversity Skills comprises a series of lessons for 6th form students aimed at assisting the transition from school to university, focusing on key skills such as synthesizing information, note taking and revision.

The lessons have been the culmination of two years planning and were piloted with students at Wyremere High School and City of Norwich School.

Dr Jones said: "Right from the beginning of this project we have involved school teachers, the Research, Enterprise and Engagement Office, and staff from across the University. We spent a long time exploring ideas and piloting lessons. This has resulted in a programme which was enthusiastically accepted by teachers."

The PreUniversity Skills programme will continue to be rolled out across the UK throughout 2011 with further courses planned in London, Edinburgh and Norwich.

www.preuniversityskills.com

Local MP supports Project Evolve

Norwich North MP Chloe Smith (pictured below) visited the University to discover more about Project Evolve – a scheme set up to help Norfolk-based individuals and organisations through the economic downturn and beyond.

The project aims to help individuals develop skills and career opportunities, prevent closures and redundancies, and help businesses be more innovative, efficient and successful in the future economy.

The visit came after several local businesses made Chloe aware of the invaluable support provided to them and their staff through the project.

Chloe said: "I am extremely impressed by this project. It has brought people together to address the top issue of the day – jobs. It shows some of the best of Norwich and Norfolk’s attitude in getting educational institutions, students, firms large and small, and public sector organisations working together. I will make sure it is known in Westminster."

Another important feature of Project Evolve is its Graduate Internship Programme, which aims to boost the career prospects of graduates and inject fresh talent into organisations.

The programme has placed 200 graduates locally within organisations with a significant proportion of those going on to secure further employment within their host organisations or beyond.

Mark Donaldson of Mint Consult Ltd, who provided an internship for recent UEA graduate James Carter, commented: "Securing James on an internship has been invaluable… his impact on the business has been immense and has already led me to offer him employment."

www.uea.ac.uk/rtbs/evolve

£200,000 to open up Norwich’s cultural heritage

A new initiative which seeks to open up access to the cultural heritage of Norwich is set to go ahead thanks to £200,000 of funding.

‘HistOracle’ aims to develop innovative ways for users to interact with the city’s fascinating history, helping to raise the profile of Norwich as a premier heritage destination.

The funding, from the government’s Knowledge Transfer Partnership (KTP) scheme, is the latest development in a collaboration between Norwich Heritage Economic and Regeneration Trust (HEART) and the University.

The project will apply world class historical and computing science research to the heritage sector, delivering interactive solutions that have the potential to create genuine interest, excitement and accessibility for visitors.

Prof Andy Day of the University’s School of Computing Sciences, said: “This partnership will help us develop the next generation of heritage-focused virtual reality tools that could potentially change the way users engage with the heritage sector.”

Norwich is the most complete medieval city in Britain and the project has exciting implications for developing our regional heritage as a vehicle for social and economic regeneration.

Prof Tom Williamson of the School of History added: "Norwich has a proud history as one of England’s foremost urban centres; this project will make that history much more widely known."
Salinger letters show other side of reclusive author

Previously unseen letters written by JD Salinger and donated to the University shed new light on the ‘reclusive’ American author. Salinger, who died in 2010 aged 91, is best-known for his novel The Catcher in the Rye. He gained a reputation as an eccentric recluse who fiercely guarded his privacy and shunned the publishing world.

However, the UEA collection of 50 letters and four postcards, which date from October 1986 to January 2002, show a different side to Salinger – one of warmth, humour and friendship.

The letters were sent to Donald Hartog, from London, who met Salinger in 1937 when they were both 18 and sent by their fathers to learn German in Vienna, Austria. The pair stayed in touch after their return home in 1939 and continued to write to each other until the 1950s.

After several decades with no contact Mr Hartog wrote to Salinger in 1986 and their correspondence started up again. When Mr Hartog died in 2007 the letters passed to his children, who have donated them to the UEA Archives because of the University’s reputation for literature, creative writing and American studies.

Website celebrates Malcolm Bradbury

The life and work of acclaimed writer, critic and academic Malcolm Bradbury is celebrated with a new website.

The website – www.malcolmbRADbury.com – has been set up by the Malcolm Bradbury Memorial Trust, working closely with the University, where Bradbury worked for 30 years and helped to establish its renowned creative writing course.

The launch coincided with the 10th anniversary of St Malcolm’s death and the 40th anniversary of the founding of creative writing at UEA. The Creative Writing MA, the first of its kind in the country, was established in 1970-71 by Bradbury and Sir Angus Wilson – Bradbury was its director until his retirement in 1995.

With contributions from David Lodge, Ian McEwan, Chris Bigsby, Giles Foden and Andrew Cowan, the site introduces Bradbury’s many contributions to the worlds of fiction, academia, film and television.

The resource has been edited by Bradbury’s son, Dominic Bradbury, working with Andrew Cowan and Giles Foden. The site also details the continuing work of the trust in providing bursaries and support for creative writing students at UEA.

University launches £20 million Low Carbon Innovation Fund

The launch of a £20 million innovation fund has added to the East of England’s position as a leader in low carbon innovation.

The Low Carbon Innovation Fund was launched last September and will use £18 million of public money from the European Regional Development Fund for investments, alongside £12 million raised from private co-investors. The initiative supports new and growing companies in their low carbon ventures.

The Fund receives applications via its website. These are reviewed by an Investment Committee comprised of UEA staff, members of Turquoise International, the appointed Fund Manager and an independent member.

It is not a grant scheme but an equity investment fund which means the company sells us part of the business.

The University was appointed to manage the fund by the East of England Development Agency through a competitive bidding process.

Brancusi sculpture on display at Sainsbury Centre

An exquisite portrait sculpture by modernist artist Constantin Brancusi went on display at the Sainsbury Centre earlier this year.

An Agreement of Collaboration with UEA

The Sainsbury Centre enjoys a close relationship with the UEA. Its director, Maria Elena and John Beardsley, are both UEA graduates and the Centre has hosted many exhibitions, performances and public talks by UEA staff and students.

UVIC Presents: Week of Lectures

UVIC – the University of Victoria International College – is offering a Week of Lectures titled ‘The Next Generation’. The event will take place from May 2nd to 6th at the University of East Anglia and will feature a diverse range of speakers and guests.

Tyndall Centre Fudan unites the research and teaching strength of two world-leading institutions to explore potential answers to climate change.

Tyndall Centre Fudan

The Tyndall Centre has initiated a new partnership with Fudan University, Shanghai, one of the “big three” universities in China.

Tyndall Centre Fudan unites the research and teaching strength of two world-leading institutions to explore potential answers to climate change. Tyndall Centre Fudan and Tyndall Centre UK will together research the reduction of greenhouse gas emissions from all sectors of the economy and how to adapt people and places to the impacts of climate change. The initiative will embrace reciprocal teaching, joint research and knowledge transfer.

Professor Academician Yuliang Yang, president of Fudan University also co-signed an Agreement of Collaboration with UEA Vice-Chancellor Prof Edward Acton, officially marking the beginning of this new chapter in UK-China university alliances.

Climate Change collaboration with Fudan University

The Tyndall Centre has initiated a new partnership with Fudan University, Shanghai, one of the “big three” universities in China.

Tyndall Centre Fudan unites the research and teaching strength of two world-leading institutions to explore potential answers to climate change. Tyndall Centre Fudan and Tyndall Centre UK will together research the reduction of greenhouse gas emissions from all sectors of the economy and how to adapt people and places to the impacts of climate change. The initiative will embrace reciprocal teaching, joint research and knowledge transfer.

Professor Academician Yuliang Yang, president of Fudan University also co-signed an Agreement of Collaboration with UEA Vice-Chancellor Prof Edward Acton, officially marking the beginning of this new chapter in UK-China university alliances.

Climate Change collaboration with Fudan University

The Tyndall Centre has initiated a new partnership with Fudan University, Shanghai, one of the “big three” universities in China.

Tyndall Centre Fudan unites the research and teaching strength of two world-leading institutions to explore potential answers to climate change. Tyndall Centre Fudan and Tyndall Centre UK will together research the reduction of greenhouse gas emissions from all sectors of the economy and how to adapt people and places to the impacts of climate change. The initiative will embrace reciprocal teaching, joint research and knowledge transfer.

Professor Academician Yuliang Yang, president of Fudan University also co-signed an Agreement of Collaboration with UEA Vice-Chancellor Prof Edward Acton, officially marking the beginning of this new chapter in UK-China university alliances.

Climate Change collaboration with Fudan University

The Tyndall Centre has initiated a new partnership with Fudan University, Shanghai, one of the “big three” universities in China.

Tyndall Centre Fudan unites the research and teaching strength of two world-leading institutions to explore potential answers to climate change. Tyndall Centre Fudan and Tyndall Centre UK will together research the reduction of greenhouse gas emissions from all sectors of the economy and how to adapt people and places to the impacts of climate change. The initiative will embrace reciprocal teaching, joint research and knowledge transfer.

Professor Academician Yuliang Yang, president of Fudan University also co-signed an Agreement of Collaboration with UEA Vice-Chancellor Prof Edward Acton, officially marking the beginning of this new chapter in UK-China university alliances.

University launches £20 million Low Carbon Innovation Fund

The launch of a £20 million innovation fund has added to the East of England’s position as a leader in low carbon innovation.

The Low Carbon Innovation Fund was launched last September and will use £18 million of public money from the European Regional Development Fund for investments, alongside £12 million raised from private co-investors. The initiative supports new and growing companies in their low carbon ventures.

The Fund receives applications via its website. These are reviewed by an Investment Committee comprised of UEA staff, members of Turquoise International, the appointed Fund Manager and an independent member.

It is not a grant scheme but an equity investment fund which means the company sells us part of the business.

The University was appointed to manage the fund by the East of England Development Agency through a competitive bidding process.

Climate Change collaboration with Fudan University

The Tyndall Centre has initiated a new partnership with Fudan University, Shanghai, one of the “big three” universities in China.

Tyndall Centre Fudan unites the research and teaching strength of two world-leading institutions to explore potential answers to climate change. Tyndall Centre Fudan and Tyndall Centre UK will together research the reduction of greenhouse gas emissions from all sectors of the economy and how to adapt people and places to the impacts of climate change. The initiative will embrace reciprocal teaching, joint research and knowledge transfer.
Charles Clarke joins University

Former Home Secretary Charles Clarke has been appointed visiting professor in the School of Political, Social and International Studies.

“I am delighted that Charles has agreed to join us,” said Vice-Chancellor Prof Edward Acton. “He is skilled and academically reflective, knows our city, region and mission intimately, has held three great offices of state and been responsible for national Higher Education policy. I feel sure that our students and the University at large will benefit greatly from his insight.”

As part of his new role, Mr Clarke has established a new lecture series featuring leading political figures including Sir Haigdon Phillips, Sir Stephen Wall and Baroness Shirley Williams.

Baroness Williams, who lectured at the University on nuclear disarmament, is pictured below with Charles Clarke.

E-learning degree in oncoplastic breast surgery

The University has launched a new postgraduate e-learning degree in breast reconstruction surgery.

The Masters in Oncoplastic Breast Surgery is the first of its kind in the UK.

Oncoplastic breast surgery combines the surgical removal of breast cancer with reconstruction of the breast.

The two-year course is based on an innovative mix of e-learning and local mentoring and assessment. It has been developed by Prof Sam Lainster of the Norwich Medical School at the University of East Anglia, who helped pioneer oncoplastic breast surgery in the 1970s, and Prof Jerome Paleria of the James Paget University Hospital.

The new course has been developed with support of the Royal College of Surgeons, the Association of Breast Surgery, and the British Association of Plastic, Reconstructive and Aesthetic Surgeons.

Prof Lainster said: “This is a very exciting and innovative course. Its delivery through a mix of e-learning and local mentoring means that we retain capability and capacity in front-line services whilst training, assessing and qualifying the new generation of surgeons in this field to the very highest standards. It means that surgeons will be able to train without compromising working-time directives.”

New foundation degree partnership

The first undergraduate programme to be run in partnership with Norfolk County Council has been launched by the School of Education and Lifelong Learning.

The degree in Social Pedagogy and Integrated Children’s Services is the first foundation degree to be run directly by UEA.

The University worked with the council’s Children’s Services department and regional educational providers to explore how workforce development needs could be more effectively addressed.

Course director Dr Adam Longcroft said: “Local authorities in many other regions are envious of what we have achieved in Norfolk, and this is just as it should be!”

iPad prospectus launched

Prospective students can now find out more about the University via an iPad “app”.

UEA is the first university in the UK to make its prospectus available via the iPad – Apple’s new tablet computer.

The free “application” allows prospective students, their families, and teachers to research courses, facilities, accommodation, and the local area, just as they would using a traditional prospectus.

The new app is available from the Apple iTunes website and there is also an iPhone version.

The University is establishing a new Centre for Japanese Studies in 2011.

Boost for Japanese Studies

The study of Japanese language and culture at the University has been boosted by several new developments.

The Yukit Lectureship for Japanese Language Studies is being established in the School of Language and Communication Studies, and Japanese language will be included in its degree level programmes from September.

The University is establishing a new Centre for Japanese Studies in 2011, which will bring together these and other initiatives fostering Japan-related teaching and research, including new programmes in Japanese Cultural Heritage and Museology and Japanese Art and Archaeology in the School of World Art Studies and Museology.

Vice-Chancellor Prof Edward Acton also travelled to Japan recently to promote UEA and explore new teaching and research initiatives.

The developments build on the University’s long association with Japan, in particular through its affiliation with the Bannaby Institute for the Study of Japanese Arts and Cultures (BISJAC), and a number of Japan-related accolades for staff. Founding director of BISJAC Dr Nicole Cockle Trousmarren was awarded the Pola Cultural Memorial Award for her research, promotion and teaching on Japanese culture.

Assistant director Dr Simon Kaner won the Towarish Jomon Cultural Award for his research in Jomon culture. And professor of environmental sciences Bob Watson won the Blue Planet Prize – Japan’s equivalent of the Nobel Prize.

London Academy of Diplomacy

The changing nature of the diplomatic profession is being explored in a series of courses run from UEA London.

The London Academy of Diplomacy is offering four new degrees designed to meet the needs of members of the London diplomatic corps, staff of various ministries, multinational corporations, non-governmental organisations, the media, and graduates aspiring to an international career.

The courses will be taught by academic staff along with serving or former diplomats. They cover a broad syllabus including security, economic diplomacy, science and technology, and international business.

Library refurbishment project

Vice-Chancellor Prof Edward Acton has formally opened the refurbished entrance floor to the library (see centre image opposite).

The new design by RH Partnership makes best use of Dyanis Laidan’s original vision whilst bringing the building into the 21st century.

The refurbishment includes a feature arched glass wall, a new “one-stop-shop” helpdesk, and more benching for group and laptop work. Additional high-tech group study pods and a silent study room have also been created.

UEA is the first University in the UK to make its prospectus available via the iPad.
New dementia study

Stroke patients who also suffer from an irregular heartbeat are at double the risk of developing dementia, according to a new study by Norwich Medical School.

Published in the journal Neurology, the findings show that stroke survivors with an irregular heartbeat – or atrial fibrillation – are 2.4 times more likely to develop dementia than stroke survivors without the heart condition. The researchers analysed 15 studies with more than 45,000 participants. Around a quarter of patients with both stroke and atrial fibrillation were subsequently found to have developed dementia.

Scientists in the School of Biological Sciences have discovered a rogue gene which – if blocked by the right drugs – could stop cancer in its tracks.

Garlic could protect against osteoarthritis

Researchers in the School of Biological Sciences and King’s College London have discovered that women who consume a diet high in vegetables, such as garlic, onions and leeks, have lower levels of osteoarthritis.

The findings not only highlight the possible effects of diet in protecting against osteoarthritis, but also show the potential for using compounds found in garlic to develop treatments for the condition.

The team analysed the diet of more than 1,000 healthy female twins alongside x-ray images showing early signs of osteoarthritis. They found less evidence of the disease in those who consumed a healthy diet with a high intake of fruit and vegetables, particularly alliums such as garlic.

Blocking rogue gene could stop the spread of most cancers

Scientists in the School of Biological Sciences have discovered a rogue gene which – if blocked by the right drugs – could stop cancer in its tracks.

Published in the journal Oncogene, the discovery is a breakthrough in our understanding of how cancer spreads.

The culprit gene – known as WWP2 – attacks and breaks down a natural inhibitor in the body which normally prevents cancer cells spreading. The researchers found that by blocking WWP2, levels of the natural inhibitor are boosted and the cancer cells remain dormant.

The discovery could lead to the development of a new generation of drugs within the next decade that could be used to stop the aggressive spread of most forms of the disease.

New tool to detect bowel disease

A team of researchers led by Norwich Medical School has developed a new endoscope to aid the early detection and diagnosis of inflammatory bowel disease.

The Confocal Laser Endomicroscope contains a powerful microscope which allows clinicians to view the bacteria that are thought to trigger diseases such as Crohn’s disease and ulcerative colitis.

“This new technique will allow the rapid identification of patients at risk or in the early stages of this distressing group of diseases,” said Prof Alastair Watson.

Bioactive compounds in berries can reduce blood pressure

Eating blueberries can guard against high blood pressure, according to a new study by health researchers at UEA and Harvard University.

The findings show that compounds in blueberries called anthocyanins offer protection against hypertension. Compared with those who do not eat blueberries, those eating at least one serving a week reduce their risk of developing the condition by ten per cent.

Cutting edge CFC research

A discovery by the School of Environmental Sciences and Frankfurt University could make it possible to identify the source of banned CFCs in the atmosphere.

The researchers analysed air samples collected by balloons belonging to the French space agency. They discovered the largest chlorine isotope enrichment ever found in nature.

CFCs were banned in most countries because of their depletion of the ozone layer. Due to their long lifetimes, their atmospheric concentrations are expected to decline slowly. However, the decline was found to be even slower than predicted – because of the continued use of CFCs and emissions from old refrigerators, air conditioning units and waste disposal.

“This is a totally new observation for atmospheric chlorine,” said Dr Johannes Laube. “The technique could enable us to identify remaining sources of CFCs in the atmosphere and measure human contributions to naturally occurring ozone depleting gases.”

Major investment in Norwich Research Park

A £26 million investment in bioscience in Norwich Research Park was announced in the budget.

Scientists in the School of Biological Sciences and King’s College London have discovered that women who consume a diet high in vegetables, such as garlic, onions and leeks, have lower levels of osteoarthritis.

The findings not only highlight the possible effects of diet in protecting against osteoarthritis, but also show the potential for using compounds found in garlic to develop treatments for the condition.

The team analysed the diet of more than 1,000 healthy female twins alongside x-ray images showing early signs of osteoarthritis. They found less evidence of the disease in those who consumed a healthy diet with a high intake of fruit and vegetables, particularly alliums such as garlic.

Blocking rogue gene could stop the spread of most cancers

Scientists in the School of Biological Sciences have discovered a rogue gene which – if blocked by the right drugs – could stop cancer in its tracks.

Published in the journal Oncogene, the discovery is a breakthrough in our understanding of how cancer spreads.

The culprit gene – known as WWP2 – attacks and breaks down a natural inhibitor in the body which normally prevents cancer cells spreading. The researchers found that by blocking WWP2, levels of the natural inhibitor are boosted and the cancer cells remain dormant.

The discovery could lead to the development of a new generation of drugs within the next decade that could be used to stop the aggressive spread of most forms of the disease.

New tool to detect bowel disease

A team of researchers led by Norwich Medical School has developed a new endoscope to aid the early detection and diagnosis of inflammatory bowel disease.

The Confocal Laser Endomicroscope contains a powerful microscope which allows clinicians to view the bacteria that are thought to trigger diseases such as Crohn’s disease and ulcerative colitis.

“This new technique will allow the rapid identification of patients at risk or in the early stages of this distressing group of diseases,” said Prof Alastair Watson.

Bioactive compounds in berries can reduce blood pressure

Eating blueberries can guard against high blood pressure, according to a new study by health researchers at UEA and Harvard University.

The findings show that compounds in blueberries called anthocyanins offer protection against hypertension. Compared with those who do not eat blueberries, those eating at least one serving a week reduce their risk of developing the condition by ten per cent.

Cutting edge CFC research

A discovery by the School of Environmental Sciences and Frankfurt University could make it possible to identify the source of banned CFCs in the atmosphere.

The researchers analysed air samples collected by balloons belonging to the French space agency. They discovered the largest chlorine isotope enrichment ever found in nature.

CFCs were banned in most countries because of their depletion of the ozone layer. Due to their long lifetimes, their atmospheric concentrations are expected to decline slowly. However, the decline was found to be even slower than predicted – because of the continued use of CFCs and emissions from old refrigerators, air conditioning units and waste disposal.

“This is a totally new observation for atmospheric chlorine,” said Dr Johannes Laube. “The technique could enable us to identify remaining sources of CFCs in the atmosphere and measure human contributions to naturally occurring ozone depleting gases.”

Major investment in Norwich Research Park

A £26 million investment in bioscience in Norwich Research Park was announced in the budget. Minister for Universities and Science, David Willetts MP, visited the NRP to flush out the details.

“This new investment recognises the value of our excellent research base and proves the UK science industry is very much open for business. The extra spending will help drive innovation and growth and reflects our commitment to cutting edge research,” he said.

The funding will be invested in infrastructure, incubator space and provision of facilities for an anchor tenant, expected to be a substantial company employing a significant number of people and committed to remaining on the Park for a number of years. The Park recently opened its new NRIP Innovation Centre (pictured above) which is the first phase of its ambitious plans to create 5,000 jobs in the next 10-15 years.

The Centre, completed last August, is 25 per cent owned by the University with additional funding and support coming from BBSRC, John Innes Centre, Institute of Food Research, East of England Development Agency and Greater Norwich Development Partnership. Norfolk and Norwich University Hospital are anchor tenants. The Centre contains over 30 office and laboratory units in a customised 4,215 square metre building on the NRIP. It provides superb facilities for entrepreneurs and spin-off science businesses to establish a firm base to grow within the NRIP’s world class science cluster.

The University is the largest partner in the Centre and is committed to flesh out the details.

Research Excellence
The Sportspark is now the country’s largest community sports facility and attracts 1.35 million visitors a year.

Projects benefit from CUE East funding

The Community University Engagement project CUE East has given a £57,000 boost to local initiatives. CUE East was set up three years ago to encourage the University to engage with the wider community. The schemes were selected because they will increase the University’s engagement with local communities, utilise Norwich Research Park expertise and promote sustainable living. The projects will benefit local schools, businesses, youth groups, older people, artists and scientists across the region – from Millennium Babies in Norwich to Archaeology in Aylsham, Secret Seaside in Yarmouth and Hurstston, and Poetry on the Rocks in Sheringham.

CUE East projects have also been recognised for their work to improve Norwich and make it a more eco-friendly place to live, work and visit. Norwich ECO Awards were presented to five projects funded via CUE East’s Sustainable Living Partnership Fund, including Goring Gingerlloyd Norfolk for its Sustainable Living Badge, Norfok Museum and Archaeology Service for its Biodiversity Sixth Form Conference, and the University’s Eco Poetry project.

Pictured below is one of the Artists for Archaeology in Aylsham, Secret Seaside in Yarmouth and Hurstston, and Poetry on the Rocks in Sheringham.

Legacy reception at Lambeth Palace

A special reception was held at Lambeth Palace, London, to thank all those who have agreed to leave, or who are considering leaving, a legacy to the University in their Will. The University has been fortunate in the support received from legacy gifts, and it is through this type of generosity that it has been able to develop, and be at the forefront of, teaching and research today.

More than 40 people attended the reception and enjoyed the afternoon tea provided. Guests were also treated to a behind-the-scenes tour of the Palace. The next legacy reception will be held at the Museum of London on 29 November 2011. For information on how to leave a legacy to the University, please contact Joyce Griffin, development manager, on 01603 592114 or by email at j.griffin@uea.ac.uk or visit www.uea.ac.uk/supportus.

Author becomes chancellor at children’s university

Best-selling author Louis de Bernières visited the campus to take up his role as chancellor of Norfolk’s Children’s University. At the launch of the scheme being rolled out countywide, Mr de Bernières was joined by children donning caps and gowns (see below).

The Children’s University is a national scheme, run locally by Norfolk County Council and aimed at children aged seven to 14. The programme is supported by UEA and encourages children to take part in educational activities outside school and aspire to develop a lifelong love of learning.

Thai science initiative

The University and its Norwich Research Park (NRP) partners are forging links between scientists in Norwich and Thailand. Pro-vice-chancellor Prof Trevor Davis and Dean of the Faculty of Science Prof David Richardson visited the Thailand Science Park in Bangkok to sign a memorandum of understanding with the Thai government’s National Science and Technology Development Agency (pictured below). The initiative has the support of UK chief scientific adviser Sir John Beddington and Thai minister of science and technology Dr Vrachira Vramtateuk. It will provide a platform for a range of new science activities and collaborations.

Prof Richardson said: “This is an exciting development for UEA and the NRP. We envisage a number of opportunities for cooperative research through newly funded PhD studentships in areas such as climate change, energy and nanotechnology.”

Breckland is biodiversity hotspot

UEA Environmental Scientists are calling for radical new approaches to conservation following the first biodiversity audit of its kind. With partner Natural England, the Forestry Commission, Norfolk and Suffolk Biodiversity Partnerships and County Councils, the Brecks Partnership, and Plantlife, the study pooled information on every plant and animal species recorded in Breckland – a special landscape of heathland, forest and farmland stretching across the Norfolk and Suffolk border.

The UEA team, led by Dr Paul Dolman, collated records for a huge variety of species from the smallest gnat and tiniest beetle, through to birds, plants and mammals. The researchers discovered that 28 per cent of the UK’s rare species were found in Breckland – an area covering only 0.4 per cent of land in the UK. With the help of 200 naturalists, UEA researchers collated nearly a million records, showing that 12,500 species can be found in the region. Of these, more than 2,000 are of national conservation concern.

This study is believed to be the first of its kind to consider every single species found in an entire region.
Statement of Governance

Understanding the governance and legal structure of the University.

1. The following statement is provided to enable readers of the Annual Report and Financial Statements of the University to obtain a better understanding of the governance and legal structure of the University.

2. The University endeavours to conduct its business in accordance with the seven principles identified by the Nolan Committee on Standards in Public Life (integrity; objectivity; accountability; openness; honesty; leadership) and with the guidance to universities which has been provided by the Committee of University Chairmen in its ‘Guideline for Members of Governing Bodies of Universities in England and Wales’.

3. The University is an independent corporation, whose legal status derives from a Royal Charter originally granted in 1963. Its objects, powers and framework of governance are set out in the Charter and Statutes, which are subject to periodic review. The Charter and Statutes are published annually in the Calendar, available from the University.

4. The Charter and Statutes require the University to have three separate bodies, each with clearly defined functions and responsibilities, to oversee and manage its activities.

4.1. The Senate is the academic authority of the University and draws its membership entirely from the academic and academic-related staff and the students of the institution and its partner institutions. Its role is to direct and regulate the teaching and research work of the University.

4.2. The Court is a large body with representatives from business, the not for profit sectors and the wider community in the region. It normally meets once a year to receive an account of the University’s activities over the past year. The Chancellor, as the titular head of the University, presides at meetings of the Court and at Congregation for the award of degrees and other qualifications.

4.3. The principal academic and administrative officer of the University is the Vice-Chancellor who is responsible to the Council for the development of strategy and for the day to day direction of the institution. He is also the Chair of Senate. Under the terms of the formal Financial Memorandum between the University and the Higher Education Funding Council for England, the Vice-Chancellor is the designated Accountable Officer of the University and in that capacity can be summoned to appear before the Public Accounts Committee of the House of Commons.

5. The Statutes of the University specify that the Registrar and Secretary should act as Secretary of the Council and any enquiries about the constitution and governance of the University should be addressed to the Registrar and Secretary at the University.

6. The University maintains a Register of Interests of members of the Council. It may be consulted by persons having adequate reasons to do so by arrangement with the Registrar and Secretary.

7. The University is committed to ensuring fair treatment for the students for which it is responsible, both to provide an appropriate environment for work and study and to meet its legal obligations. This commitment and the actions to put it into practice are published in statements of policy and codes of practice relating to areas including equal opportunities, promotion of racial equality and guidelines for dealing with harassment.

8. The Executive Team is led by the Vice-Chancellor, the remaining membership being the Pro-Vice-Chancellor (Academic), the Pro-Vice-Chancellor (Research, Enterprise and Engagement), the four Deans of Faculty and the Registrar and Secretary. The Vice-Chancellor holds ultimate authority for its decisions.

9. The Executive Team is a broadly-based group of senior staff whose breadth of experience, responsibilities and understanding of the University provide a sound basis for the development and implementation of the strategies and policies of the University, and for taking the significant decisions related to the operation of the University, where they have material implications for, or impact widely, across the University. The Executive Team is led by the Vice-Chancellor, who is responsible to the Council for the development and implementation of the strategies and policies of the University, and for taking the significant decisions related to the operation of the University, where they have material implications for, or impact widely, across the University.

10. The University endeavours to conduct its business in accordance with the seven principles identified by the Nolan Committee on Standards in Public Life (integrity; objectivity; accountability; openness; honesty; leadership) and with the guidance to universities which has been provided by the Committee of University Chairmen in its ‘Guideline for Members of Governing Bodies of Universities in England and Wales’.

Members of UEA Council

1  August 2009 – 31 July 2010

EX-OFFICIO MEMBERS

Mr Stuart Holmes
Chairman of Council
Formerly Senior Partner, PricewaterhouseCoopers, Norwich
Chairman, The Forum Trust

Professor Edward Acton
The Vice-Chancellor

Mr Jonathan Sisson
The Treasurer
Chairman, Octagon Healthcare Group
Former Partner, PricewaterhouseCoopers

Professor Tom Ward
Pro-Vice-Chancellor (Academic) Professor of Mathematics

Professor Trevor Davies
Pro-Vice-Chancellor (Research and Knowledge Transfer) Professor of Environmental Sciences

INDEPENDENT MEMBERS

Sir Richard Davies
Formerly HM Diplomatic Service; Director, Nordik and Norwich Festival
Chair, Jarrold & Sons Ltd; Head of School of Environmental Sciences

Mr David Edwards OBE
Formerly Chief Executive of Cardiff and Vale NHS Trust
Chairman, Jamo & Sons Ltd; Member of the House of Commons

Mr David Hill
Vice-Chair of Council
Chairman, Jamo & Sons Ltd; Chairman, PricewaterhouseCoopers

Ms Laura McGillivray
Chief Executive, Norwich City Council

Mrs June de Moller
Non Executive Director, London Merchant Securities plc; Temple Bar Investment Trust plc; Adbilgh Productions and Archant Ltd

Mrs Sue Thurston
Self-employed Management Consultant; Senior Associate, Cambridge Policy Consultants; Director, Pupil Parent Partnership Ltd

Mr David White
Chief Executive, Norfolk County Council

MEMBERS APPOINTED BY THE SENATE

Professor Jacquelin Burgess
Professor of Environmental Sciences and Head of School of Environmental Sciences

Professor Catherine Waddams
Director, ESRC Centre for Competition Policy

MEMBER APPOINTED BY SUPPORT STAFF

Mr Stewart Thompson
Estate & Buildings Division (Maintenance)

STUDENT MEMBERS

Ms Natasha Barnes
A Sabbatical Officer of the Union of Students

Mr Martin Jopp
A Sabbatical Officer of the Union of Students

SECRETARY

Mr Brian Summers
Registrar and Secretary
## Research Grants

New research grants and contracts of £100,000 or more commencing during the year 1 August 2009 to 31 July 2010 presented by lead School of Study or Research Institute and lead investigator.

### ALLIED HEALTH PROFESSIONS

- **Dr Nicola Spalding**
  - Preoperative education for colorectal surgery patients
  - National Institute for Health Research
  - £128K

### BIOLOGICAL SCIENCES

- **Dr Andrew Chantry**
  - A new approach to target abnormal chondrocyte growth in osteoarthritis and the ageing joint
  - The Queen’s Medical Trust
  - £125K

- **Professor Tracey Chapman**
  - Geronimic responses to mating signals
  - Biotechnology and Biological Sciences Research Council
  - £489K

- **Professor Tracey Chapman**
  - How males respond to rivals: an integrated study of molecular mechanisms and fitness consequences
  - Biotechnology and Biological Sciences Research Council
  - £365K

- **Professor Tracey Chapman**
  - Male and female sex role in the winners of the game
  - Biotechnology and Biological Sciences Research Council
  - £250K

- **Professor Stuart Clark**
  - Sulfopeptide aprotinin: a novel approach to reduce blood loss in surgery
  - Arthritis Research UK
  - £130K

- **Professor Ian Clark**
  - The function of microRNAs in cartilage metabolism and osteoarthritis
  - Arthritis Research UK
  - £111K

- **Professor Tom Clarke**
  - How do multihome cytochromes form transmembrane wires and conduct electrons between the cell and environment?
  - Biotechnology and Biological Sciences Research Council
  - £384K

- **Professor Dylan Edwards**
  - The influence of AODA-15 variants on FGF receptor signalling in cancer
  - Cancer Research UK
  - £121K

- **Professor Jenny Gill**
  - Ecological and behavioural constraints on range expansion in migratory birds
  - Natural Environment Research Council
  - £37K

- **Professor Mohammad Hajesamini**
  - Characterization of stem cells and the dynamics of neurogenesis in the adult hypothalamus
  - Wellcome Trust
  - £211K

- **Professor Andy Johnston**
  - Biochemical and genetic diversity of a critical step in the sulphur cycle – molecular studies of bacterial dimethyl sulphide production
  - Biotechnology and Biological Sciences Research Council
  - £359K

- **Professor Andy Johnston**
  - Making and breaking CMS by salt marsh microbes – populations and pathways, revealed by stable isotope probing and molecular techniques
  - Natural Environment Research Council
  - £143K

- **Professor Uri Mayer**
  - The stem cell fate of pteryce in tissue regeneration
  - Medical Research Council
  - £223K

- **Professor Andrea Munsterberg**
  - Investigating microRNA-target gene interactions in myogenesis
  - Biotechnology and Biological Sciences Research Council
  - £31K

- **Professor David Richardson**
  - Understanding nitrous oxide emission from denitrifying bacteria: integrating chemostat and soil studies
  - Biotechnology and Biological Sciences Research Council
  - £382K

- **Professor Sarah Snelling**
  - Determining the role of Dickkopf-3 (Dkk3) in osteoarthritis
  - Arthritis Research UK
  - £202K

### CHEMISTRY

- **Dr Andy Cammidge**
  - Fungal footprints – first steps towards new molecular machines
  - The Leverhulme Trust
  - £112K

- **Professor Rebecca Goss**
  - Illustrating the intriguing biosynthesis of pacidamycin
  - The Leverhulme Trust
  - £112K

- **Professor Steve Meech**
  - Photodynamics in second generation fluorescent proteins
  - Engineering and Physical Sciences Research Council
  - £359K

- **Dr Vasily Oganesyan**
  - Bridging the gap between molecular dynamics and EPR spectroscopy: application to liquid crystal systems
  - Engineering and Physical Sciences Research Council
  - £229K

### BIOMEDICAL AND CLINICAL SCIENCES

- **Dr Colin Kay**
  - Effects of fruit juice processing and human metabolism on the functionality of anthocyanins for cardiovascular health
  - Biotechnology and Biological Sciences Research Council
  - £291K

- **Dr Andrew Wilson**
  - Investigation of the outcome of consumption of the probiotic L. Casei Shirota in subjects with seasonal allergic rhinitis
  - Yakult UK Ltd
  - £165K

### EAST ANGLIAN FILM ARCHIVE

- **Mr Richard Taylor**
  - Building the people’s digital film archive for the East of England
  - Heritage Lottery Fund
  - £491K

### EDUCATION IN HEALTH

- **Professor Samuel Leinster**
  - Tander to provide education research support for the multi-professional deanery in the East of England
  - East of England Strategic Health Authority
  - £235K

### ENVIRONMENTAL SCIENCES

- **Dr Alex Baker**
  - Delineation of seismogenic faults and structure in the North Sea basin
  - CEC
  - £101K

- **Dr Kevin Hiscock**
  - Design and implication of a monitoring approach and conceptual model for the Wivenhoe demonstration catchment
  - DEFRA
  - £212K

- **Professor Peter Brimblecombe**
  - Collection demography on dynamic evolution of populations of objects
  - Arts and Humanities Research Council
  - £115K

- **Dr Angela Cassidy**
  - Probing the Earth’s deep mantle with multiscale seismology and geochemistry: an end to the age of the mantle
  - The Leverhulme Trust
  - £140K

- **Professor Andy Johnston**
  - MAKES: quantifying nitrous oxide emission from agricultural systems
  - Natural Environment Research Council
  - £354K

- **Dr Angela Cassidy**
  - Probing the Earth’s deep mantle with multiscale seismology and geochemistry: an end to the age of the mantle
  - The Leverhulme Trust
  - £140K

- **Dr Angela Cassidy**
  - Probing the Earth’s deep mantle with multiscale seismology and geochemistry: an end to the age of the mantle
  - Natural Environment Research Council
  - £354K

### HERITAGE AND CULTURAL SCIENCES

- **Professor Ian Gilmour**
  - Building the people’s digital film archive for the East of England
  - Heritage Lottery Fund
  - £491K

### SCIENCE POLICY AND SOCIAL SCIENCES

- **Dr Angela Cassidy**
  - Probing the Earth’s deep mantle with multiscale seismology and geochemistry: an end to the age of the mantle
  - The Leverhulme Trust
  - £140K
Dr Kevin Hiscock
UMERC2 – proposal for providing work to continue activity of the UK Energy Research Centre 2009–2014
Natural Environment Research Council £347K

Professor Tim Jickells
Earth system science theme leader
Natural Environment Research Council £70K

Professor Philip Jones
EUROMAT – European reassessment and observations for monitoring
CEC £319K

Dr Andrew Jones
Health impacts of the Cambridgeshire guided busway
National Institute for Health Research £133K

Professor Andy Jordan
Governance for climate change: the sources of and obstacles to policy innovation
The Leverhulme Trust £167K

Professor Andy Jordan
LIAISE – linking impact assessment instruments to sustainability expertise
CEC £359K

Professor Andy Jordan
RESPONSE – European responses to climate change – deep emissions reductions and mainstreaming of mitigation and adaptation
CEC £295K

Dr Jan Kaiser
INTRAMP – initial training in mass independent fractionation
CEC £339K

Professor Tim Lenton
GENE–LAMP – long-term access to the GENIE modeling platform
Natural Environment Research Council £114K

Professor Peter Liss
Synthesis and integration of global air sea gas and particle fluxes to improve models and assessments of future climate and pollution
Natural Environment Research Council £159K

Dr Timothy Osborn
Advanced climate research infrastructure for data
Joint Information Systems Committee £120K

Dr Ute Schuster
GREENCYCLES – anticipating climate change and telephonic feedbacks within the Earth systems to 2200
CEC £308K

Dr Gill Seyfang
Community innovation in sustainable energy
Engineering and Physical Sciences Research Council £182K

Dr Congqiao Shang
GASPLAS/GASMASKS – microwave coldplasma cracking of natural gas to valuable carbon products
Norwegian Research Council £177K

Mr Peter Simmons
ModBEAM – monitoring developments for safe repository operation and staged closure
CEC £112K

Professor Bill Surgey
National Centre for Atmospheric Science Peneworth
Natural Environment Research Council £103K

Professor Kerry Turner
KNOWSYS – knowledge-based sustainable management for Europe’s seas
CEC £109K

Dr Richard Holland
Clinical lectureship
Public Health Medicine Research
Wolfson Clinical Lecture Post £160K

Dr Robert McKeown
School of Psychology
Baccalaureate and beyond: the effect of the early years of life on later achievement
CEC £117K

Dr James Desborough
Multi professional clinical medication reviews in care homes for the elderly
National Institute for Health Research £172K

Dr Christopher Hamilton
BasilF一心 and its unique drug resistance pathways in Bacilli
Biotechnology and Biological Sciences Research Council £349K

Dr Andrew Round
Function-based single molecule mapping of glycan monomers and motifs
Biotechnology and Biological Sciences Research Council £310K

Dr David Wright
East of England Strategic Health Authority Community pharmacist work-based development programme
£440K

Dr Jonathan Dickens
Families on the edge of care proceedings: the operation and impact of pre-proceedings processes in children’s social care
Economic and Social Research Council £331K

Gillian Schofield
Looked after children and offending: identifying risk and protective factors
Big Lottery Fund £181K

Dr Steven Hooper
How to promote the public understanding of archaeology
The Gatsby Charitable Foundation £223K

Dr Mark Williams
Supporting the next generation of archaeologists: 2008–2012
Wessex Archaeology £155K

Dr James Desborough
Multi professional clinical medication reviews in care homes for the elderly
National Institute for Health Research £172K

Dr Christopher Hamilton
BasilF一心 and its unique drug resistance pathways in Bacilli
Biotechnology and Biological Sciences Research Council £349K

Dr Andrew Round
Function-based single molecule mapping of glycan monomers and motifs
Biotechnology and Biological Sciences Research Council £310K

Dr David Wright
East of England Strategic Health Authority Community pharmacist work-based development programme
£440K

Dr Jonathan Dickens
Families on the edge of care proceedings: the operation and impact of pre-proceedings processes in children’s social care
Economic and Social Research Council £331K

Gillian Schofield
Looked after children and offending: identifying risk and protective factors
Big Lottery Fund £181K

Dr Steven Hooper
How to promote the public understanding of archaeology
The Gatsby Charitable Foundation £223K

Dr Mark Williams
Supporting the next generation of archaeologists: 2008–2012
Wessex Archaeology £155K

Dr James Desborough
Multi professional clinical medication reviews in care homes for the elderly
National Institute for Health Research £172K

Dr Christopher Hamilton
BasilF一心 and its unique drug resistance pathways in Bacilli
Biotechnology and Biological Sciences Research Council £349K

Dr Andrew Round
Function-based single molecule mapping of glycan monomers and motifs
Biotechnology and Biological Sciences Research Council £310K

Dr David Wright
East of England Strategic Health Authority Community pharmacist work-based development programme
£440K

Dr Jonathan Dickens
Families on the edge of care proceedings: the operation and impact of pre-proceedings processes in children’s social care
Economic and Social Research Council £331K

Gillian Schofield
Looked after children and offending: identifying risk and protective factors
Big Lottery Fund £181K

Dr Steven Hooper
How to promote the public understanding of archaeology
The Gatsby Charitable Foundation £223K

Dr Mark Williams
Supporting the next generation of archaeologists: 2008–2012
Wessex Archaeology £155K

Research Grants
Funders

Funders who awarded research contracts to the University during the period 1 August 2009 to 31 July 2010.
We are extremely grateful to the following donors who provided funding for scholarships and prizes of £1,000 or more to the University during the year 1 August 2009 to 31 July 2010.

Faculty of Arts and Humanities
The Malcolm Bradbury Memorial Scholarships
Malcolm Bradbury Memorial Trust
The Allan Buch UK Scholarships
The University of California Trust
Frank Caplin Scholarship
David Caplin
Cathedral Organ and Choral Scholarships
Norwich Cathedral
The Seth Donaldson Memorial Trust
Bursary
Seth Donaldson Memorial Trust
The Joe Greenwell Scholarship
Joe Greenwell
The David Higham Award
David Higham Associates Literary Agency
The Will Jordan Memorial Scholarship
Family and friends of former student, Will Jordan
The Lightfoot Marketing Scholarship
In American Studies
Lightfoot Marketing
The Lightfoot Marketing Scholarship
In Modern History
Lightfoot Marketing
The Charles Pick Fellowship
The Charles Pick Consultancy, Pan Macmillan and Wilbur Smith

Faculty of Medicine and Health Sciences
The Association of Physicians of Great Britain and Ireland Prizes
Medical Aspirations Programme
David Tibble

Faculty of Social Sciences
Damien Devine Scholarships
Damien Devine
The Ivy Rose Hood Memorial Scholarships
Ted Hood and the Ivy Rose Hood Memorial Fund

Leaving a Legacy
Leaving a legacy to the University of East Anglia in your Will is one of the most simple and flexible ways of giving. The generosity of past legators has enabled the University to significantly improve facilities and the student experience. Such support has funded specific scholarships or simply allowed the University to fund something it would normally be unable to do from core funding streams.

The University of East Anglia is a tax exempt institution, which means that any sum left to the University in a Will is free of Inheritance Tax. A Will is a clear legal statement of what you would like to do with your estate. Once made, it can be updated from time to time as your circumstances change. A gift of a legacy is deeply appreciated and we are happy to provide confidential support to help you decide the most effective way of giving as well as agreeing the most appropriate way of recognising your gift.

If you would like to speak to someone at the University about leaving a bequest or to receive more information, please contact Joyce Griffin, Development Manager, on 01603 592114 or email j.griffin@uea.ac.uk.
**Summarised Financial Statements**

Consolidated balance sheet  
**as at 31 July 2010**

<table>
<thead>
<tr>
<th>Description</th>
<th>2010 £m</th>
<th>2009 £m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tangible assets</td>
<td>235</td>
<td>233</td>
</tr>
<tr>
<td>Investments in joint ventures</td>
<td>24</td>
<td>20</td>
</tr>
<tr>
<td>Endowment assets</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Net current assets</td>
<td>45</td>
<td>31</td>
</tr>
<tr>
<td>Long term liabilities</td>
<td>(91)</td>
<td>(91)</td>
</tr>
<tr>
<td>Pension liability</td>
<td>(1)</td>
<td>(1)</td>
</tr>
<tr>
<td><strong>Net assets</strong></td>
<td><strong>203</strong></td>
<td><strong>183</strong></td>
</tr>
<tr>
<td>Deferred capital grants</td>
<td>143</td>
<td>129</td>
</tr>
<tr>
<td>Endowments</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>Reserves</td>
<td>56</td>
<td>59</td>
</tr>
<tr>
<td><strong>Total funds</strong></td>
<td><strong>203</strong></td>
<td><strong>183</strong></td>
</tr>
</tbody>
</table>

Consolidated income and expenditure  
**for the year ended 31 July 2010**

<table>
<thead>
<tr>
<th>Description</th>
<th>2010 £m</th>
<th>2009 £m</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Income</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Funding body grants</td>
<td>62</td>
<td>61</td>
</tr>
<tr>
<td>Tuition income</td>
<td>67</td>
<td>58</td>
</tr>
<tr>
<td>Research income</td>
<td>29</td>
<td>29</td>
</tr>
<tr>
<td>Other income</td>
<td>39</td>
<td>37</td>
</tr>
<tr>
<td><strong>Total income</strong></td>
<td><strong>197</strong></td>
<td><strong>185</strong></td>
</tr>
<tr>
<td><strong>Expenditure</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Staff costs</td>
<td>105</td>
<td>98</td>
</tr>
<tr>
<td>Depreciation and interest</td>
<td>25</td>
<td>24</td>
</tr>
<tr>
<td>Other costs</td>
<td>63</td>
<td>56</td>
</tr>
<tr>
<td><strong>Total expenditure</strong></td>
<td><strong>193</strong></td>
<td><strong>180</strong></td>
</tr>
<tr>
<td><strong>Group surplus before exceptional items and tax</strong></td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td><strong>Share of joint ventures and associates</strong></td>
<td>-</td>
<td>(1)</td>
</tr>
<tr>
<td>Taxation</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Transfer to endowment funds</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td><strong>Surplus for the year retained within general reserves</strong></td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>

Consolidated cash flow  
**for the year ended 31 July 2010**

<table>
<thead>
<tr>
<th>Description</th>
<th>2010 £m</th>
<th>2009 £m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net cashflow from operations</td>
<td>17</td>
<td>15</td>
</tr>
<tr>
<td>Investment returns and finance costs</td>
<td>(4)</td>
<td>(3)</td>
</tr>
<tr>
<td><strong>Capital expenditure</strong></td>
<td>(22)</td>
<td>(31)</td>
</tr>
<tr>
<td>Capital grants and endowments</td>
<td>21</td>
<td>13</td>
</tr>
<tr>
<td>Cash inflow / (outflow)</td>
<td>12</td>
<td>(6)</td>
</tr>
<tr>
<td><strong>Net debit at start of year</strong></td>
<td>(48)</td>
<td>(37)</td>
</tr>
<tr>
<td><strong>Net debt at end of year</strong></td>
<td>(31)</td>
<td>(43)</td>
</tr>
</tbody>
</table>

**Comprising:**

<table>
<thead>
<tr>
<th>Description</th>
<th>2010 £m</th>
<th>2009 £m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash at bank</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Short-term deposits</td>
<td>59</td>
<td>44</td>
</tr>
<tr>
<td>Sub-total cash and deposits</td>
<td>65</td>
<td>50</td>
</tr>
<tr>
<td>Bank loans and finance lease debt</td>
<td>(94)</td>
<td>(99)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>(31)</td>
<td>(43)</td>
</tr>
</tbody>
</table>

**Note**

The statements provided in this report are not the full financial statements of the University and represent a summary of the full financial statements, including information from income and expenditure accounts, balance sheets and cash flow statements contained within those statements.

The full financial statements for 2010 were audited and approved by Council on 29 November 2010. Copies can be obtained along with the independent auditors’ report, which was unqualified, from University of East Anglia, Norwich, NR4 7TJ.

Full financial statements for all years are also available on the University’s website at www.uea.ac.uk/fin/finstats.

**Independent auditors’ statement to the Council of University of East Anglia**

We have examined the summarised financial statements which comprise the summarised consolidated income and expenditure account, summarised consolidated balance sheet, and summarised consolidated cash flow statement included within the annual report.

Respective responsibilities of the Council and auditors

The Council is responsible for preparing the annual report in accordance with the requirements set out in the Statement of Recommended Practice – Accounting for Further and Higher Education.

Our responsibility is to report to you on the consistency of the summarised financial statements within the annual report with the full annual financial statements and their compliance with the relevant requirements of Statement of Recommended Practice – Accounting for Further and Higher Education.

We also read the other information contained in the annual report and consider the implications for our statement if we become aware of any apparent misstatements or material inconsistencies with the summarised financial statements.

This statement, including the opinion, has been prepared for and only for the Council of University of East Anglia in accordance with the Statement of Recommended Practice – Accounting for Further and Higher Education, and for no other purpose. We do not, in giving this opinion, accept or assume responsibility for any other purpose or to any other person to whom this report is shown or in whose hands it may come save where expressly agreed by our prior consent in writing.

Basis of opinion

We conducted our work in accordance with Bulletin 2008/03 “The auditor’s statement on the summary financial statements in England” issued by the Auditing Practices Board. Our report on the Institution’s full annual financial statements describes the basis of our audit opinion on those financial statements.

**Opinion**

In our opinion the summarised financial statements are consistent with the full annual financial statements of University of East Anglia for the year ended 31 July 2010 and comply with the applicable requirements of the Statement of Recommended Practice – Accounting for Further and Higher Education. We have not considered the effects of any events between the date on which we signed our report on the full annual financial statements, 30 November 2010, and the date of this statement.

PricewaterhouseCoopers LLP Chartered Accountants and Registered Auditors Norwich Friday 20th May 2011

---

**Summarised Financial Statements**

**Consolidated balance sheet**  
**2010 £m**  
**2009 £m**

<table>
<thead>
<tr>
<th>Description</th>
<th>2010 £m</th>
<th>2009 £m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tangible assets</td>
<td>235</td>
<td>233</td>
</tr>
<tr>
<td>Investments in joint ventures</td>
<td>24</td>
<td>20</td>
</tr>
<tr>
<td>Endowment assets</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Net current assets</td>
<td>45</td>
<td>31</td>
</tr>
<tr>
<td>Long term liabilities</td>
<td>(91)</td>
<td>(91)</td>
</tr>
<tr>
<td>Pension liability</td>
<td>(1)</td>
<td>(1)</td>
</tr>
<tr>
<td><strong>Net assets</strong></td>
<td><strong>203</strong></td>
<td><strong>183</strong></td>
</tr>
<tr>
<td>Deferred capital grants</td>
<td>143</td>
<td>129</td>
</tr>
<tr>
<td>Endowments</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>Reserves</td>
<td>56</td>
<td>59</td>
</tr>
<tr>
<td><strong>Total funds</strong></td>
<td><strong>203</strong></td>
<td><strong>183</strong></td>
</tr>
</tbody>
</table>

**Consolidated income and expenditure**  
**2010 £m**  
**2009 £m**

<table>
<thead>
<tr>
<th>Description</th>
<th>2010 £m</th>
<th>2009 £m</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Income</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Funding body grants</td>
<td>62</td>
<td>61</td>
</tr>
<tr>
<td>Tuition income</td>
<td>67</td>
<td>58</td>
</tr>
<tr>
<td>Research income</td>
<td>29</td>
<td>29</td>
</tr>
<tr>
<td>Other income</td>
<td>39</td>
<td>37</td>
</tr>
<tr>
<td><strong>Total income</strong></td>
<td><strong>197</strong></td>
<td><strong>185</strong></td>
</tr>
<tr>
<td><strong>Expenditure</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Staff costs</td>
<td>105</td>
<td>98</td>
</tr>
<tr>
<td>Depreciation and interest</td>
<td>25</td>
<td>24</td>
</tr>
<tr>
<td>Other costs</td>
<td>63</td>
<td>56</td>
</tr>
<tr>
<td><strong>Total expenditure</strong></td>
<td><strong>193</strong></td>
<td><strong>180</strong></td>
</tr>
<tr>
<td><strong>Group surplus before exceptional items and tax</strong></td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td><strong>Share of joint ventures and associates</strong></td>
<td>-</td>
<td>(1)</td>
</tr>
<tr>
<td>Taxation</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Transfer to endowment funds</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td><strong>Surplus for the year retained within general reserves</strong></td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>

**Consolidated cash flow**  
**2010 £m**  
**2009 £m**

<table>
<thead>
<tr>
<th>Description</th>
<th>2010 £m</th>
<th>2009 £m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net cashflow from operations</td>
<td>17</td>
<td>15</td>
</tr>
<tr>
<td>Investment returns and finance costs</td>
<td>(4)</td>
<td>(3)</td>
</tr>
<tr>
<td><strong>Capital expenditure</strong></td>
<td>(22)</td>
<td>(31)</td>
</tr>
<tr>
<td>Capital grants and endowments</td>
<td>21</td>
<td>13</td>
</tr>
<tr>
<td>Cash inflow / (outflow)</td>
<td>12</td>
<td>(6)</td>
</tr>
<tr>
<td><strong>Net debit at start of year</strong></td>
<td>(48)</td>
<td>(37)</td>
</tr>
<tr>
<td><strong>Net debt at end of year</strong></td>
<td>(31)</td>
<td>(43)</td>
</tr>
</tbody>
</table>

**Comprising:**

<table>
<thead>
<tr>
<th>Description</th>
<th>2010 £m</th>
<th>2009 £m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash at bank</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Short-term deposits</td>
<td>59</td>
<td>44</td>
</tr>
<tr>
<td>Sub-total cash and deposits</td>
<td>63</td>
<td>50</td>
</tr>
<tr>
<td>Bank loans and finance lease debt</td>
<td>(94)</td>
<td>(99)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>(31)</td>
<td>(43)</td>
</tr>
</tbody>
</table>
### Facts at a Glance

#### Summary of student numbers*

<table>
<thead>
<tr>
<th></th>
<th>Full-time</th>
<th>Part-time</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate</td>
<td>10,230</td>
<td>1,574</td>
<td>11,804</td>
</tr>
<tr>
<td>Postgraduate</td>
<td>1,264</td>
<td>391</td>
<td>1,655</td>
</tr>
<tr>
<td>Total</td>
<td>12,183</td>
<td>2,130</td>
<td>14,313</td>
</tr>
</tbody>
</table>

85.12% Full-time
14.88% Part-time

#### Home/Overseas student numbers*

<table>
<thead>
<tr>
<th></th>
<th>Home/EU</th>
<th>Overseas</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate</td>
<td>12,424</td>
<td>1,891</td>
<td>14,315</td>
</tr>
<tr>
<td>Postgraduate</td>
<td>689</td>
<td>165</td>
<td>854</td>
</tr>
<tr>
<td>Total</td>
<td>13,113</td>
<td>2,056</td>
<td>15,169</td>
</tr>
</tbody>
</table>

86.79% Home/EU
13.21% Overseas

#### Male/Female student numbers*

<table>
<thead>
<tr>
<th></th>
<th>Male</th>
<th>Female</th>
<th>Total</th>
<th>Male %</th>
<th>Female %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate</td>
<td>6,011</td>
<td>8,302</td>
<td>14,313</td>
<td>42%</td>
<td>58%</td>
</tr>
<tr>
<td>Postgraduate</td>
<td>531</td>
<td>724</td>
<td>1,255</td>
<td>42%</td>
<td>58%</td>
</tr>
<tr>
<td>Total</td>
<td>6,542</td>
<td>9,026</td>
<td>15,568</td>
<td>42%</td>
<td>58%</td>
</tr>
</tbody>
</table>

#### Staff numbers*

<table>
<thead>
<tr>
<th></th>
<th>Full-time</th>
<th>Part-time</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic</td>
<td>791</td>
<td></td>
<td>791</td>
</tr>
<tr>
<td>Research and Analogous</td>
<td>520</td>
<td></td>
<td>520</td>
</tr>
<tr>
<td>Secretarial and Clerical</td>
<td>320</td>
<td></td>
<td>320</td>
</tr>
<tr>
<td>Technical</td>
<td>138</td>
<td></td>
<td>138</td>
</tr>
<tr>
<td>Admin, Senior Library and Computing</td>
<td>417</td>
<td></td>
<td>417</td>
</tr>
<tr>
<td>Others</td>
<td>475</td>
<td></td>
<td>475</td>
</tr>
<tr>
<td>Total</td>
<td>2,738</td>
<td></td>
<td>2,738</td>
</tr>
</tbody>
</table>

#### Income for the year ended 31st July 2010

<table>
<thead>
<tr>
<th></th>
<th>£’000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Funding Council grants</td>
<td>61,842</td>
</tr>
<tr>
<td>Student fees</td>
<td>16,316</td>
</tr>
<tr>
<td>Overseas</td>
<td>48,850</td>
</tr>
<tr>
<td>Total</td>
<td>87,166</td>
</tr>
<tr>
<td>Research grants and contracts</td>
<td>50,007</td>
</tr>
<tr>
<td>Research Councils</td>
<td>16,366</td>
</tr>
<tr>
<td>UK charities</td>
<td>4,640</td>
</tr>
<tr>
<td>Other grants</td>
<td>5,217</td>
</tr>
<tr>
<td>Total</td>
<td>26,223</td>
</tr>
<tr>
<td>Residences and catering</td>
<td>16,579</td>
</tr>
<tr>
<td>Other operating income</td>
<td>16,495</td>
</tr>
<tr>
<td>Other services rendered</td>
<td>4,849</td>
</tr>
<tr>
<td>Endowment income and interest</td>
<td>7,424</td>
</tr>
<tr>
<td>Total</td>
<td>196,674</td>
</tr>
</tbody>
</table>

Note: the above figures include joint ventures and associates.

#### Expenditure for the year ended 31st July 2010

<table>
<thead>
<tr>
<th></th>
<th>£’000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic departments</td>
<td>79,276</td>
</tr>
<tr>
<td>Academic services</td>
<td>12,875</td>
</tr>
<tr>
<td>Research grants</td>
<td>22,874</td>
</tr>
<tr>
<td>Residences and catering</td>
<td>10,450</td>
</tr>
<tr>
<td>Other services rendered</td>
<td>5,836</td>
</tr>
<tr>
<td>Premises</td>
<td>19,092</td>
</tr>
<tr>
<td>Administration and central services</td>
<td>37,380</td>
</tr>
<tr>
<td>Other expenses</td>
<td>5,272</td>
</tr>
<tr>
<td>Total</td>
<td>193,035</td>
</tr>
</tbody>
</table>

Note: the above figures include joint ventures and associates.

---

*Head Count