

April/May 2012

broadview

Newsletter of the University of East Anglia



**Is green the
new black?**

See page 6



Regulars

- 11 Sustainable campus
- 12 Accommodation
- 13 Media Watch
- 14 Listings

Highlights



- 8 Fukushima visit for MED professor



- 9 New dataset shows 40-year record of ocean carbon dioxide

Cover image: Model wearing a wood chip dress, part of the 'Biomimicry' collection by Stephanie Nieuwehuysen.

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UEA London graduates celebrate after the ceremony



UEA London celebrates success

The first cohort of UEA London students graduated at the end of March.

Graduating students from courses including the MA in Creative Entrepreneurship and the International Diplomacy MA attended the ceremony at the university's London campus.

The year-long Creative Entrepreneurship course is designed to give artists the skills to think creatively about how they can sustain themselves, and gain the necessary skills in IT, finance, marketing, and budgeting to transform their artistic vision into a strong business model.

It is supported by 20 visiting cultural sector leaders, publishers, agents and artists including author Jon Cook, music critic Marcus O'Dair and artist Ian Welsh.

Dean of UEA London, Dr Richard Harvey, said: "This is the first graduation ceremony for UEA London and it is a special privilege to see our first graduates cross the stage. The building now houses over 1,000 students so this ceremony

will soon be a major event in the university's calendar."

The ceremony also saw Kuwait's Ambassador to the UK, His Excellency Mr Khaled Al-Duwaisan, become UEA London's first honorary graduate, receiving a doctorate in Civil Law.

A respected and popular figure on the diplomatic circuit, Mr Al-Duwaisan has received a number of awards over the years, including the Grand Cross of the Royal Victorian Order, presented by Her Majesty the Queen in 1995, and the 'Lifetime contribution to Diplomacy in London' award in 2009.

In addition to being Kuwait's Ambassador to the UK for the past 19 years, he is also the Dean of the Diplomatic Corps, requiring him to proffer a friendly welcome to the UK to diplomats from around the world and representing London's vast diplomatic community to the Foreign Office.

Avoid the tragedy of overfishing

Management of fisheries at the community level can help curb overfishing according to new research from an international scientific team, including academics in DEV.

The positive finding comes from the world's largest field investigation of 42 co-managed coral reef fisheries in five countries spread across the Indian and Pacific oceans.

A team of 17 scientists from eight nations concluded that partnerships between government, conservation groups, and local fishers - known as 'co-management' - were having considerable success in both meeting the livelihood needs of local communities and protecting fish stocks.

"This study is the culmination of a huge field

campaign, which allows us to identify why co-management works in some cases but not others," said Dr Tim Daw (DEV).

"We found that people engaged in co-management see benefits in terms of their own livelihoods. Not only that, but their ecosystems tend to be in better shape too."

The team studied local fisheries arrangements on coral reefs in Kenya, Tanzania, Madagascar, Indonesia, and Papua New Guinea, using a combination of interviews with local fishers and community leaders, and underwater fish counts.

The report's main finding is that co-management has been largely successful in sustaining fisheries and improving people's livelihoods.

Prestigious appointment for UEA professor

Pro-vice-chancellor Prof David Richardson has been appointed to the Council of the Biotechnology and Biological Sciences Research Council (BBSRC).

The appointment was one of only three made by Science Minister David Willetts and will run for four years.

Prof Richardson is pro-vice-chancellor for research, enterprise and engagement, and has previously held numerous senior positions at the university, including dean of the Faculty of Science. He has been a member of UEA's executive team for many years and sits on both the Council and Senate.

Prof Richardson's outstanding contribution to microbiology has been recognised by the award of the Society of Microbiology Fleming Medal and a Royal Society Wolfson Foundation Merit Award.

During the last five years he has been at the heart of the development of the Research and Innovation Vision for the NRP. The outcome of this activity has led to a recent investment of £26m from BBSRC into the NRP to help build infrastructure to support the UK bioeconomy.



UEA Vice-Chancellor Prof Edward Acton said: "I am delighted that David has been invited to join the Council of the BBSRC. This is a resounding affirmation of his scientific authority as well as his reputation for wise and strategic thinking. It is a personal achievement for which I wish David my warmest congratulations."

BBSRC Chair, Prof Sir Tom Blundell FRS, said: "I am delighted with the wealth and breadth of experience that these new council members bring. As world-leading bioscientists they offer skills that will ensure BBSRC remains well-placed to address grand challenges like food security, the aging population and diminishing fuel reserves."

New course to explore environmental thought



A new postgraduate course combining world-class environmental research with the humanities has been launched.

It will combine cutting-edge environmental science with philosophy, history and literature - to encourage students to think critically and creatively about the relationship between humans and the natural world.

The year-long postgraduate programme will explore key areas of environmental thought such as climate change, the loss of bio-diversity, and the risks posed by nuclear power.

The innovative MA/MSc in Environmental Sciences and Humanities will welcome its first cohort of students in September.

They will investigate how nature is valued by different cultures, the different ways people judge environmental risks and opportunities, and how the human imagination can work alongside science to develop future environmental scenarios.

The students will also consider whether the different ways of evaluating nature - from ethical, aesthetic and economic perspectives - are ultimately reconcilable.

The course is the brainchild of leading environmental scientist Prof Mike Hulme (ENV).

He said: "In a world where environmental concerns have become integral to all human concerns, this course will see students bridge the 'two cultures' gap between the sciences and humanities in the context of environmental change."

Learning and Teaching Day

CSED and Dr Adam Longcroft, academic director of taught programmes, will host a Learning and Teaching Day on May 15.

The event will be an opportunity to learn and discuss the practice of teaching in a university context, with a focus on what is happening at UEA. This year, the theme of the day will be broadly that of assessing and engaging students.

Academics from across the university will be taking part. A team of scientists in BIO will discuss the use of printed handouts in lectures, while Richard Jardine from ITCS will present a workshop on the use of videos and podcasts.

These talks are amongst the 12 that will happen on the day, in addition to the keynote speech on 'Internationalisation and the student experience', presented by Duncan Craig (PHA).

For more information, or to participate in the event, email s.payne@uea.ac.uk.

Obituary: Natasha Curson

Natasha Curson, who died last month, was known to many colleagues through her roles in CSED and the UCU, of which she was a former branch president.

Appointed in December 2000 as educational advisor, she became manager, Learning Technology Group, and, in 2005, director of Postgraduate Programmes in HE Practice. She was also, for a time, honorary lecturer in EDU and part of an AHRB-funded British Cinema History Project in EAS.

Paul Levy, head of CSED, said: "Natasha was a fighter and although her illness in the end overwhelmed her, she never lost heart or her positive outlook. After the tremendous changes she had made in her life and work over the last three years, it is tragic to lose her now when she had so much still to offer the university and the community."

Lydia Richards, UCU eastern regional official also paid tribute: "Natasha had strong principles and clear values that carried into every aspect of her trade union work, although one of the things that I will most remember her for was her ability to make me laugh when the going got tough."

Donations can be made in Natasha's memory to Evolve, a group for 11-25-year-olds who describe themselves as transgender or are questioning their gender.

Donate online at www.localgiving.com (search for 'Mancroft Advice Project') or send a cheque payable to 'Mancroft Advice Project' to Clare Franklin, development coordinator, MAP, The Risebrow Centre, Chantry Road, Norwich, NR2 1RF.

Prize-winning policy analysis

Researchers at the Tyndall Centre have been awarded the 2011 Harold D Lasswell Prize for their analysis of the little-studied but politically vital practices of climate policy evaluation in Europe.

The prize, which is awarded to the best article in each volume of the international journal *Policy Sciences*, is named in honour of Harold D Lasswell (1902-1978), who founded the field of policy analysis in the 1950s.

The paper put forward by the UEA researchers offered the first systematic cataloging of the emerging patterns of climate policy evaluation undertaken across the European Union.

Prof Andrew Jordan (ENV) said: "The most striking finding of the paper was just how undeveloped and unsystematic are most current evaluation practices. Great efforts have been made to inform and understand policy making procedures in Europe, but most evaluation of policies already in place remains piecemeal and lacks much input from stakeholders."

This is an academically intriguing finding with potentially important implications for the everyday practices of climate policy evaluation. Prof Jordan and one of the co-authors of the paper, Dr Tim Rayner (ENV), are currently extending their analysis to look at the evaluation of more innovative climate policies.

A monetary award of \$500 is provided by the journal's publisher, Springer, to the awardees.

Employability symposium

AHP will host an employability symposium on campus on June 9.

The event, entitled 'Transitions & Transformations', will be an opportunity for current and future allied health professionals and employers to meet, explore expertise and develop new approaches to health and social care for 2012 and beyond.

Keynote speakers will include Karen Middleton (Department of Health), Andrew Morgan (NHS Norfolk & Waveney) and Kate Moore (CEO Headway Norfolk & Waveney).

The symposium takes place on Saturday, June 9, from 9.30am to 4.30pm at the Thomas Paine Study Centre. Admission is free, with refreshments and lunch provided.

For more information about booking a place, visit <http://bit.ly/Hp4ymy> or contact n.coull@uea.ac.uk.

Magna Carta research project unveiled

A project to bring an 800-year-old document into the 21st century has been launched by HIS.

Magna Carta is known around the world as the cornerstone of British constitutional liberty. Now a £910,000 project to track down lost originals and create an online database of new commentary, images, translations and research findings about the document is underway.

The three-year project will see researchers sift through more than 300 archives in the UK, France and Ireland, in a bid to trace lost originals. An original from the 1297 issue of Magna Carta, sold in New York in 2007, realized \$21 million.

A copy of Magna Carta



New laser can point the way to energy harvesting

New ultrafast laser equipment, capable of generating intense pulses of light as short as a few femtoseconds from the UV to the Infra Red range, will help scientists in CHE measure how energy is transferred from molecule to molecule and point the way to molecular structure for exploiting solar radiation.

Funded by a £466,000 grant from the Engineering and Physical Sciences Research Council (EPSRC), the new laser will be used for 2D electronic spectroscopy experiments that

Dr Ismael Heisler, who designed and built an early version of the ultrafast spectrometer supported by EPSRC



Prof Nick Vincent



The team will also be on the look-out for new evidence about King John – popularised as a cruel villain in the legend of Robin Hood – to see whether he really was a monster.

And they will undertake the first complete commentary on the document – which will be available as part of an online resource for members of the public and historians alike.

Prof Nicholas Vincent (HIS), who is leading the project, said: "This work will transform academic and public understanding of Magna Carta and King John.

"There have been studies devoted to particular aspects of Magna Carta's history, but no attempt since 1914 to bring together all of the strands in our understanding.

"The first clause-by-clause commentary on various reissues of the document will also be created – which will be freely available online in time for the anniversary celebrations in 2015."

Prof Vincent was responsible for uncovering two original Magna Cartas in 2007, alongside three Forest Charters.

look at the very fastest reactions. By studying how energy transfers in natural and artificial systems such as proteins and molecular materials, researchers will in turn be able to help the design of new nanomachines and solar power collectors.

Prof Steve Meech (CHE) said: "With this equipment we will be able to develop experiments which probe in exquisite detail the link between the efficiency of light driven processes in natural and synthetic systems and the underlying molecular architecture."

2D electronic spectroscopy uses ultra fast visible light pulses to reveal coupling between electronic states whereas NMR uses radio frequency pulses to measure couplings between nuclear spins.

Lesley Thompson, EPSRC's director of research base, said "The grant for equipment made by our strategic equipment panel will give UEA the tools they need, but EPSRC has also allocated a further £613,000 for staff and collaborations to drive this research forward."

Unwrapping Egypt in lecture series

Dr Christina Riggs (ART) will present the Evans-Pritchard Lectures at All Souls College, Oxford in April and May.

Established by a benefaction to the college in 1998, the annual lectureship is named in memory of Sir Edward Evans-Pritchard, Professor of Social Anthropology and Fellow

Dr Christina Riggs



of All Souls (1946-70), and is focused on the disciplines (social anthropology, classical studies, archaeology, modern history, oriental studies) and the geographical areas (Africa, the Middle East, the Mediterranean) that most occupied him.

Dr Riggs' lectures are entitled 'Unwrapping Ancient Egypt: The Shroud, the Secret, and the Sacred'. A series of six talks – Desecration, Revelation, Mummification, Linen, Secrecy, and Sanctity – will explore the process of wrapping bodies and objects in textiles, and its significance in ancient Egypt.

The lectures also examine the archaeological and museological practice of the opposite process, namely, the unwrapping of mummies and artefacts, whether in the field, the public theatre, or the hospital scanner. Dr Riggs argues that both customs – ancient wrapping, modern unwrapping – are a nexus for ideas about the human body, the sacred, and the ownership of knowledge in their respective societies.

The Evans-Pritchard lectures will be held in the Old Library at All Souls, Oxford, starting at 5pm each Tuesday and Wednesday from April 24 to May 9; they are open to the public.

Contact with 'rivals' changes male fruit fly behaviour

Males consistently change their mating behaviour depending on whether they have spent time with other males before mating, according to new findings by scientists in BIO.

The researchers studied how male *Drosophila melanogaster* - or fruit flies - change their mating behaviour in response to their social environment.

The team explored whether males could change their behaviour when exposed to a series of different social environments, by repeatedly switching whether males encountered a male rival.

They found that males could accurately match their behaviour to their most recent social environment, but that they were less good at matching their 'investment' in offspring.

Lead author Prof Tracey Chapman (BIO) said: "We found that the behaviour of male fruit flies was remarkably sophisticated, and consistently changed depending on the amount of male competition in their environment."

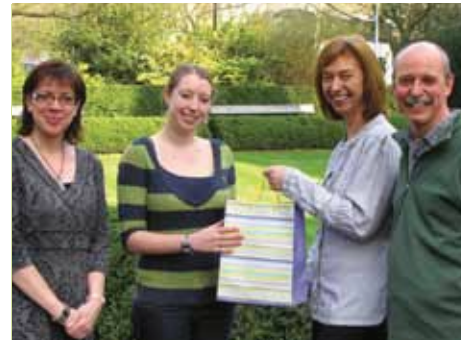
A male fruit fly 'sings' to a female by vibrating his wing at her



"Generally, those males exposed to other males prior to mating reproduced more successfully than those who had not. It is difficult to directly extrapolate from one species to another, but our study provides useful insights into how a male's social environment can affect his success as a father."

The most likely reason for the changes in mating behaviour is that males put more effort into mating when they expect to face competition and when there is a high chance that their mate will mate again with another male. If the male does not expect competition, because he has not detected any other males in his environment, he does not need to invest so much effort and so saves his resources for future matings.

L-R: Michele Pavey, Isabel Johnston, Helen Murdoch, Steve Oldfield



LGBT Heroes quiz winner

A quiz organised by UEA's Staff Pride Group for LGBT History Month, was won by second year BIO student, Isabel Johnston.

The quiz highlighted 12 lesbian, gay, bisexual and transgender heroes, chosen for many different reasons including fighting for LGBT rights, pushing boundaries, defending their country, sporting achievements, writing and music.

The winning entry was drawn by Vice-Chancellor Prof Edward Acton. Helen Murdoch, UEA's equality and diversity manager, presented Isabel with her prize of CDs, a DVD and books by or about some of the heroes.

It is hoped the quiz has helped to raise awareness of LGBT issues during another successful history month.

Entrepreneur to speak at UEA

Founder and director of Zero Emissions Research and Initiatives, Gunter Pauli, will give a talk on campus on May 10.

The Enterprise and Engagement Club in BIO have invited Mr Pauli to speak about his book *The Blue Economy*.

The Blue Economy began as a project to find 100 of the best nature-inspired technologies that could affect the economies of the world, while sustainably providing basic human needs – potable water, food, jobs, and habitable shelter.

The club is a forum to unite and inspire enterprising endeavour and entrepreneurial activity, and was commissioned with a particular focus on enhancing opportunities for students, staff and researchers across all levels of BIO; participation of members from across the Norwich Research Park are also actively encouraged.

The event will take place on May 10, from 3 - 4pm in the Thomas Paine Study Centre Lecture Theatre.

It is open to everyone on the Norwich Research Park. For more details, visit <http://eandclub.co.uk/>, and to register for the event, visit <http://goo.gl/PrZMz>.

Global Voices in Norfolk

UEA Global Voices, organised by the International Student Advisory Team in DOS, is a project that enables international students to visit local schools in Norwich and Norfolk and to share their understanding of what it is to be a global citizen.

In recent months, students from the project have been visiting schools in Hingham and Costessey.

Pupils at Hingham Primary School enjoyed a fantastic 'International Week', with UEA international students from Cameroon, Nigeria, Bangladesh, Japan and China all involved.

For further information about the project, contact Lisa-Rose Moller, international career development adviser at l.moller@uea.ac.uk.

Global Voices in action at a local school



How buds grow into leaves

The first computer model to accurately emulate leaf growth has been developed by researchers at the John Innes Centre and CMP.

By growing a 'virtual leaf', the team of computing and plant scientists were able to discover the simple rules that control leaf shape during growth. Using this 'recipe', they developed a computer model that accurately imitates growth from bud to leaf.

"A bud does not grow in all directions at the same rate," said lead author Samantha Fox, of the John Innes Centre. "Otherwise leaves would be domed like a bud, not flat with a pointed tip."

The BBSRC-funded researchers filmed a growing Arabidopsis leaf, a relative of oil seed rape, to help create a model which could simulate the growing process. They were able to film individual cells and track them as the plant grew. It was also important to unpick the workings behind the visual changes and to test them in normal and mutant plants.

The resulting computer model built a virtual but realistic leaf which was then used to help identify the genes that control leaf shape and whether different genes are behind different shapes.

Obituary: John Green



John Green, a former colleague in ENV, died in March. John was associated with ENV from 1985; he became a part time lecturer in 1986 and retired as reader in September 1996.

He was a brilliant atmospheric scientist, whose great insights into the dynamical workings of the atmosphere helped to shape our understanding of weather and climate. In particular he advanced the study of the two-way interaction where the day-to-day weather systems ('baroclinic waves') feed off,

but also help shape, the planetary-scale "general circulation" of the atmosphere.

In recognition of his work, he was awarded the biennial Symons Gold Medal by the Royal Meteorological Society in 2004, the premier award that the society makes.

John will also be remembered as one of the truly great inspirational teachers in atmospheric sciences. His eclectic and challenging style of teaching, always going back to first principles and taking nothing for granted, was in the great tradition of genuine academic enquiry and cared little for deliverables.

His interests extended beyond meteorology and climate to any subject that came up in the environmental sciences, and using simple physical principles, he would often ask insightful questions at School seminars at which he was a regular attendee long after retirement.

John was a true individual, and will be sadly missed.

Wood chip dress by Stephanie Nieuwehuysen



explore the theme of 'Sustainable Luxury'. The course was designed to introduce designers to low carbon principles in product manufacture, based on efficient use of natural and renewable products.

Students were tasked with creating designs that show how crop-derived renewable raw materials can be used to create luxury goods that have a low or zero carbon life cycle – from manufacture through to distribution and disposal - and be attractive to consumers.



In fashion, green is the new black

Examples of carbon-friendly couture came under the spotlight in March at a collaborative event organised by InCrops and Kingston University.

Designers, scientists, branding experts and environmentalists met in London to exchange ideas about the future of fashion – and how the industry can reduce its carbon footprint.

The fashion industry has a high environmental footprint and is responsible for a huge amount of waste. According to waste industry reports, more than one million tonnes of textiles are thrown away every year, of which only 25 per cent are recycled.

The 'Sustainable Luxury' event was organised to showcase new 'bio-materials' which can be used for making environmentally-friendly luxury goods - from clothes, shoes and accessories to home and car interiors.

A range of futuristic fabrics, garments, and designs were unveiled at the industry-focused event. These included a pair of stilettos made from pistachio nuts and coffee beans by designer Julia Skergeth (pictured right), and fabrics made from wood, food waste such as orange peel, fungi and mould.

The event featured the results of an InCrops-sponsored MA Fashion project at Kingston University, which encouraged students to

Unique publishing archive revealed

A new archive of personal and business documents belonging to the publisher and literary agent Charles Pick reveals a unique insight into the industry.

Pick's career spanned seven decades, during which time he nurtured, published and sold writers including Wilbur Smith, JB Priestley, Graham Greene and Charles Dickens' great granddaughter Monica Dickens. He died in 2000, aged 82.

Now his memoirs, correspondence, diaries, photographs, taped interviews, and newspaper cuttings have been donated to the university by his son, Martin Pick.

More than 20 boxes of business and personal correspondence provide a colourful insight into the workings and characters of the publishing world from the 30s through to the 90s.

Charles Pick began his glittering publishing career in 1933 as an office boy, when he landed a job addressing envelopes at Victor Gollancz. He became an innovative salesman and publicist



Charles Pick

and went on to work at Michael Joseph before becoming chair of the Heinemann Group, where he remained until his retirement in 1985.

The archive provides a very personal account of Pick's life and career in the changing world of publishing.

The Charles Pick Archive is open to the public and can be viewed by appointment.

Elizabeth Rawitsch (FTV PGR student) discussing the poster illustrating her research project



Humanities Live!

The Consortium for Humanities and the Arts – South-East England (CHASE) was launched in February.

CHASE brings together academics and doctoral students from UEA, Courtauld Institute of Art, Goldsmiths, University of London, the Open University and the Universities of Essex, Kent and Sussex to deliver outstanding postgraduate training in arts and humanities across the south-east of England.

At the launch event in London, entitled 'Humanities Live!', guest speakers included Prof Rebecca Stott (LDC) and Prof Bernhard Klein (Kent).

The event was attended by over 120 academic

staff and research students from across the consortium and external partners.

UEA was particularly well represented. HUM associate dean PGR, Prof Lyndsey Stonebridge, said: "There is genuine intellectual enthusiasm for the Consortium and this, in large part, is thanks to the collective good will of an emerging community of engaged and 'restless' scholars."

CHASE initiatives will include 'Going Digital', an AHRC-funded study skills programme; training programme for postgraduates and early career researchers on the theory and practice of the archive; and submission to the AHRC for postgraduate studentship funding under their Block Grant Partnership scheme.

Updates to CRU global temperature dataset

The global temperature dataset compiled by the Met Office and the Climatic Research Unit has been updated.

Compiled from temperature observations obtained over land and sea, HadCRUT is used as a basis for a global temperature record going back to 1850.

The latest version of the dataset, called HadCRUT4, includes newly available data – notably adding much more information from the sparsely observed northern higher latitude regions.

Differences in the way sea surface temperature observations have been collected have been taken account of and the new version also provides much more detail on uncertainty.

Prof Phil Jones (CRU) said: "For the latest version we have included observations from more than 400 stations across the Arctic, Russia and Canada. This has led to better representation of what's going on in the large geographical region."

One of the key reasons for slight changes to mean temperature for later years in HadCRUT4 is the inclusion of much more data from the Arctic, an area which is warming faster than other parts of the world.

Another change relates to dealing with the different ways sea-surface temperatures have been measured. This has had an effect on some years further back in the record, particularly in the mid 20th century.

Philosophy of Religion lecture

PHI, in collaboration with Norwich Cathedral, will host the first Norwich Public Lecture in Philosophy of Religion at the end of April.

The lecture will take place in the new Hostry lecture room, above the exhibition space at Norwich Cathedral, where Prof Stephen Mulhall from the University of Oxford will speak on 'Wittgenstein, Religious Language and the Realistic Spirit'.

The lecture will be of interest to a wide audience, including students, faculty, interested members of the public and sixth formers studying A level philosophy or theology.

It is sponsored by the British Society for the Philosophy of Religion and the Canterbury Press Norwich, a long-established Norwich printing firm who are celebrating 150 years of their famous hymn book *Hymns Ancient and Modern*.

The lecture takes place on Thursday, April 26, at 7pm. It is open to all and is free to attend. No booking is required, but those intending to bring a group should contact philosophyevents@uea.ac.uk to arrange for reserved seating.

Global jobs fair

More than 300 students attend the 'Global Opportunities - Careers Using Languages Fair' on campus in March.

Organised by Careers and Employability, the fair attracted representatives from a large number of international organisations, including Top Language Jobs, INTO China, Mandarin Consultant and Projects Abroad.

As well as stalls to visit, the students also had the opportunity of accessing the Global Opportunities fair virtually, where additional international employers were available, including the European Commission Translation Service.

The students even had the chance to ask questions to UEA international graduates based all over the world through Skype, and there was the opportunity to hear about living and working overseas from UEA staff.

The event was opened by Dr Richard Harvey, dean of admissions. He said: "It is great to see so many interesting international opportunities available to students."

Students visiting the careers fair



Academy honour

Bridget Penhale (NSC) has recently been elected to the prestigious Academy of Social Sciences.

With a first degree in psychology, she has been qualified as a social worker since 1981. Ms Penhale rejoined the university in 2010, having previously worked in SWP over 20 years ago.

The Academy of Social Sciences is composed of over 700 'Academicians' and 43 learned societies. For someone to become part of the academy, a peer group must have reviewed the standing and impact of the person's work, and found it worthy of the conferment of the award of Academician.

Those elected have significant achievements to their name, and have contributed to social science more broadly than the normal demands of their job.

This honour comes only two years after Ms Penhale received the Rosalie Wolf Memorial Award, an international award that recognised her work and research in abuse of the elderly.



Fukushima visit for UEA professor

The results of the devastating tsunami on the Japanese city of Fukushima have been seen first hand by a researcher from MED.

Prof Paul Hunter (MED) has recently returned from the city, where he was part of a team looking at the impact of the tsunami on waste water treatment (WWT) plants and also the general clean up and recovery.

One of the major problems with rebuilding in some areas has been the sediment removed from the land when the tsunami waters receded. This has resulted in the height of the land dropping 40–60cm in some places, which makes much of the land below the level of high tide.

Prof Hunter said: "The Japanese have put a lot of effort into rebuilding the main roads through the affected areas and clearing away the rubble. There are mountains of rubble waiting to be sorted and then sent to landfill, as the rubble contains many valuable metals such as iron that they will not want to waste.

"The main WWT plant that we visited is now able to do primary treatment and chlorination but will not be back to full effectiveness for about four years, though when complete will be a state of the art plant much improved on the old one."

Playing with marbles to resolve water conflicts

A game created by Prof Bruce Lankford (DEV) to help solve water shortages is garnering international acclaim.

The River Basin Game uses marbles to simulate water competition and water sharing within a river catchment. It aims to encourage players and participants to develop their own answers to water competition rather than to rely on donor agendas and aid money.

It was independently trialled by the United States Agency for International Development (USAID) in Afghanistan's war-torn Helmand Province in March in a bid to improve water sharing between communities.

The game has also been used to resolve water shortages on the slopes of Kilimanjaro, Tanzania, in Northern Nigeria and in the transboundary basin of the Limpopo River. The game has been used elsewhere for training purposes in Mozambique, Laos and Rwanda.

Prof Lankford said: "The game is a simple yet robust metaphor for water management in river basins under conditions of scarcity.

"The river 'flows' when marbles are released

Helmand/Nimroz water summit. Photo: Leslie Shively



down the channel. Then wooden sticks, representing weirs, are placed across the channel to capture marbles and scoop them into the irrigation systems.

"The aim is to show how marbles may be captured easily by the upstream irrigation systems, allowing top-enders to deprive downstream players – for example a wetland - of water."

After the game has been completed, players are encouraged to discuss who 'won' water, who lost out, how they feel about not getting water, and about the differences in upstream and downstream water distribution.

Successful second field season for archaeological project

UEA members of the archaeological research project 'Crossroads of empires: archaeology, material culture and socio-political relationships in West Africa', have recently returned from a successful six-week field project in Bénin in West Africa.

Crossroads is a European Research Council-funded project led by Dr Anne Haour, an archaeologist from the Sainsbury Research Unit (SRU). The project was set up to shed light on the Niger River valley in the period c. AD 1200-1850, focusing on skilled craftspeople (potters, weavers, etc.) and the impact on them of the empires and other polities that occupied this landscape.

Set to run until 2015, Crossroads involves archaeologists, anthropologists, art historians and historians from Bénin, Niger, Scotland and

Belgium.

During the 2012 field season the team conducted a wide-ranging series of investigations delving further into the past of this important area. Following up from a 2011 visit, the team had selected an extensive and promising archaeological site for further investigation, Birni Lafia.

A series of investigations across this site generated fascinating evidence of past occupation, including remains of elaborate buildings with pavements made of pottery mosaic, a feature unprecedented in African archaeology; these date so far to c.13-14th centuries.

The Crossroads team will be returning to Bénin next year.

A worker in a field in China



China's irrigation carbon footprint

China's groundwater irrigation system is responsible for polluting the atmosphere with more than 30 million tonnes of CO2 per year - according to research by academics at UEA.

Groundwater used for crop irrigation in China has grown from 10 billion cubic metres in 1950 to more than 100 billion today.

A research paper, published in *Environmental Research Letters*, estimates that the pumping systems which support this immense irrigation network annually produce 33.1 MtCO2e (33.1 mega tonnes of carbon dioxide equivalent).

China is the largest greenhouse gas emitter in the world, with around 17 per cent of emissions coming from agriculture. Irrigated agriculture in China produces 70 per cent of the country's grain. But it takes some 500 litres of water to grow the wheat for one small loaf of bread.

Greenhouse gas pollution is caused by the huge amount of energy needed to pump water from underground – in some areas from an average depth of 70 metres. This research is

the first to calculate how much pollution is being created.

It is the result of a collaboration between DEV, the Water Security Research Centre and the Tyndall Centre, with the Centre for Chinese Agricultural Policy, the Chinese Academy of Agricultural Sciences and Cranfield University.

The research team used extensive survey data collected from 366 villages in 11 provinces. They up-scaled these results to calculate the emissions created by groundwater pumping across China's remaining 20 provinces.

New dataset shows 40-year record of ocean carbon dioxide

The most comprehensive dataset of surface water carbon dioxide measurements for the world's oceans and coastal seas was launched in March by an international team of scientists led by ENV.

The Surface Ocean CO2 Atlas (SOCAT) comprises 6.3 million global observations made from research vessels, commercial ships and moorings around the world since 1968. The dataset documents the changes in ocean carbon similar to the Mauna Loa record – or 'Keeling

curve' - showing the rise in atmospheric CO2 over time.

This new dataset was assembled by a team of more than 100 scientific experts from around the world. Dr Dorothee Bakker, Dr Ute Schuster and Prof Andy Watson (all ENV) believe the dataset will become a cornerstone of climate change research.

The entire dataset is freely available to scientists and members of the public via the SOCAT website at www.socat.info.

More Books for the library

Staff and students are encouraged to keep recommending books to the UEA library as part of the 'More Books' campaign.

Since the launch of the initiative in the autumn of 2011, library staff have received over 700 reading lists and numerous individual book requests.

The campaign was launched in response to a survey conducted by ISD last year, which showed that some respondents had encountered problems finding books - either because the library did not own a copy or there weren't enough copies to meet demand.

Andrew Barker, head of library academic services, said: "To improve this situation we want people to let us know if they're having problems finding the right reading material, and we want to be in a position to anticipate demand for books. This means getting module reading lists from the schools well before the start of semester so we can have the books in place when the students need them."

Readers who would like to help build the library collection can use the online and postcard request forms, tweet @UEAlibrary, or contact their faculty librarian. EBooks can also be directly selected from the 'EBook Library' (EBL) database. Academic staff are encouraged to contact their faculty librarian with any queries about library provisions for their students.

Access to water debate

The lack of accessible water in the developing world was discussed at an event hosted by UEA and the Norfolk Federation of Women's Institutes (NFWI) in March.

The 'Women Reaching Water, Water Reaching Women' event saw 140 people attend to listen to representatives of leading water charities and organisations in an evening of debate about the accessibility of water, with a focus on the challenges facing women.

It consisted of a number of short talks, a question and answer session and the opportunity to informally discuss the issues raised on the night in groups. Organisations such as Anglian Water, the Carbon Trust and Mother's Union had stalls available for attendees to browse and obtain information.

Speakers on the night included Prof Declan Conway, director of the Water Security Research Centre at UEA; Louisa Gosling, from WaterAid; and Adrian Ramsey, deputy leader of the Green Party.

LDC campaign promotes translated fiction

Lecturer Dr BJ Epstein (LDC) has launched a national campaign to highlight the work of translated authors including Stieg Larsson, Anne Frank and Tolstoy.

She set up the UK's first book group to focus solely on translated works two years ago, and now hopes to spread the word further afield by rolling out her idea to other towns, cities and countries.

Dr Epstein has also developed a series of documents with tips and advice for other people wanting to start their own translated book clubs.

She said: "I want to help and inspire as many people as possible to read more translated literature.

"Some of the world's most famous works are translated – such as Tolstoy's *War and Peace*, Camus' *The Stranger*, Dostoevsky's *Crime and Punishment*, and Kafka's *Metamorphosis*. Stieg Larsson's *Girl with the Dragon Tattoo* has been a hugely popular translated series.

"Without translated literature we would be distinctly poorer. Can you imagine our understanding of the second world war without Anne Frank? Or Western culture without the Bible? And can you imagine how Chaucer or Shakespeare would have written if they didn't have the Bible to read and be inspired by?"

To find out more about Dr Epstein's book group in Norwich, and how to set one up, email b.epstein@uea.ac.uk.

The angels are coming... back!

New or existing companies looking to exploit their ideas with business angel funding are being offered an exciting opportunity to present to potential investors at an event on April 26.

The Venta Programme has been established by the Norwich Research Park to create a diverse network of funding opportunities and support for early stage companies. It is supported by investment and financing organisations such as Adapt, Cambridge Capital Partners, Foundation East, Icení and others.

The event will feature a number of investment-ready organisations presenting to the assembled 'business angels' – people looking to invest in new businesses and help them grow. There will also be the opportunity for networking with other local businesses and entrepreneurs.

It takes place on April 26, from 10.30am – 4pm at The Genome Centre Seminar Room, Norwich Research Park. For more information, email venta@nrpic.com.

Chemistry outreach in South Africa

Dr Stephen Ashworth (CHE) has recently returned from taking the award winning 'Kitchen Chemistry' workshop to schools in South Africa.

In early March he visited a number of schools in the Western Cape as part of the Systemic Education and Extra-mural Development Support (SEEDS) initiative of the Embassy of the Kingdom of the Netherlands.

Each day the 'Kitchen Chemistry' science show was attended by between 400-700 learners, and was followed by a workshop called 'Toys from Trash', given by Ashok Rupner from Pune, India.

During Scifest Africa, which ran in late March, Dr Ashworth ran more 'Kitchen Chemistry' workshops, which won the 'Best workshop: curriculum' award: judged by both educators and learners.

'Kitchen Chemistry' uses unsophisticated equipment and materials that can be found in supermarkets, hardware stores and



pharmacies to illustrate chemical principles. With the assistance of Scifest, Dr Ashworth is continuing to develop educator workshops which complement the science show together with a resource booklet which gives details of all the demonstrations and suggestions for how they can be turned into classroom investigations.

Photo: Scifest Africa / Jason Hudson 2012

Support for language learning from international author

Award-winning novelist Victoria Hislop visited UEA in March as part of the annual 'Voices from Greece' festival, organised by Dr Helen Anagnostopoulou-Banaka (LCS).

Mrs Hislop started the proceedings by introducing her latest novel, *The Thread*. Set in Thessaloniki, it has been published in both English and Greek, and brings Greece's second city to life for audiences all over the world.

She was joined by Prof David Connolly (Aristotle University Thessaloniki) and Dr Cathie Carmichael (HIS) who gave talks on Thessaloniki's poetry and its early 20th century history.

The event was completed by a performance of music from Thessaloniki by Arhai, a band featuring UEA student Jovana Backovic and

musician Adrian Lever.

UEA is one of only a few universities to offer courses in Modern Greek. When asked about the importance of learning the language, Mrs Hislop said: "Greek is an incredible language. My son studied Ancient Greek at school and only recently realised that if only for a little extra tuition he would have been able to speak a living language and not just a dead one, because there is really not a huge divide between Ancient and Modern Greek."

'Voices from Greece', an annual event at UEA, has been bringing a flavour of Greece and its culture to hundreds of people in Norfolk since 1995. This year's event commemorated 100 years since Thessaloniki was incorporated into the Greek state.

Family and friends of people with depression needed

Researchers in NSC are looking for close friends and family of people suffering from depression for a study investigating how people with the illness make treatment choices.

Patients' preferences for treatment have a strong influence on their adherence to treatment but it is not yet known what those are based on. The study aims to find out what factors patients consider when selecting a therapy for depression.

Volunteers must be over 18, and be a close

family member or friend to a person who has received or been recommended to receive treatment for depression within the past year.

Participants will be invited to join in two small group sessions (with about four other volunteers) on campus, taking about two hours each.

To find out more about the research or to volunteer, please contact Ada Mackovova by emailing a.mackovova@uea.ac.uk or calling 07707 298277.

Our sustainable campus

A regular slot focusing on environmental and sustainability news from around the campus

University goes gold

The university has achieved a prestigious gold award from the National EcoCampus Scheme for Higher Education.

The award acknowledges the strength of the university's environmental practices, procedures and management systems and its compliance with them, and was awarded following a comprehensive audit of its policies and processes by an independent auditor.

Launched by the Higher Education Funding Council for England (HEFCE) in 2005, EcoCampus is a national award scheme for Environmental Management Systems in the higher and further education sectors. The

scheme enables institutions to identify, evaluate, manage and improve their environmental performance and processes by providing a framework for best practice.

To successfully complete the Gold Award the university had to demonstrate best practice and compliance in areas such as roles and responsibilities, environmental training, communication, documentation, operational control and emergency preparedness and response.

The Risk and Sustainability Team will now begin work on implementing the requirements of the fourth and final stage, the Platinum Award.



Second annual environmental report published

The Common Darter. Photo: Dr Iain Barr (BIO)



The university has published its second Annual Environmental Report 'Encouraging People to do More' which highlights the many key performance indicators which have shown significant improvements since last year's inaugural report.

Elaine Colk, an environmental consultant and author of the report, was keen to demonstrate how the university's environmental champions, the Carbon Crew, are instilling behaviour change across campus and celebrates this through 'CarbonCrew Corner', which features

volunteer's stories and achievements.

Elaine said: "The Carbon Crew volunteer programme shows how ordinary people can make extraordinary things happen and make a real difference. For example, a CarbonCrew initiative to recycle milk bottle tops has provided real benefit to the university and the local community."

The report, which also sets out the key objectives for the coming year and current or new targets, is available on line at www.uea.ac.uk/estates/environmentalpolicy.

Commuter travel survey

Each year the university is required to submit performance data to HEFCE; this year as part of the submission, staff and students must be surveyed to obtain commuter travel information including the number of kilometres travelled to the university.

The survey will be available to staff and students via the internet on Wednesday, May 2;

a link to the survey will be provided via www.uea.ac.uk/transport/latestnews and will also be sent via the e-bulletin.

The survey will take just a few moments and asks only the mode of transport, distance travelled to the university on May 2 and whether a person is a member of staff or a student.

Bus service 40 extended

The operating period of First Bus Service 40, introduced earlier this year to replace First Bus Service 21/22, has been extended.

Bus service 40 serves those living in the areas of Bowthorpe, West Earlham and parts of Dereham Road. Introduced as a term time-only service, the university and in particular members of the UEA/First Bus Focus group had lobbied to have Service 40 extended (even with a limited timetable) to provide a service during vacation periods. First Buses have now confirmed there will be a vacation period timetable in place from June 11.

Further details and a timetable can be found at: www.uea.ac.uk/estates/transport/publictransport.

Paper cup reduction

The introduction of the 'keep cup' scheme at UEA has resulted in a dramatic reduction in paper cup use on campus.

In August 2011 to February 2012, the university used 21,600 paper cups – compared to 51,000 in the same period the previous year.

A new 'keep cup' scheme was launched by Catering Services and the Carbon Crew to help reduce the amount of waste created by the university.

The keep cups can be bought for just £5 in Catering outlets across campus, and the initial purchase price includes a free cup of coffee.

They can then be re-used again and again, to cut down the use of disposable cups. As well as doing their bit for the environment, the keep cups also entitle users to discounted coffee.

£2.6m bus grant

Norfolk County Council with the support of the university has secured £2.6m of Government funding for a series of major public transport improvements that will make bus travel faster for passengers, visitors and commuters in Norwich.

The package of improvements will also cut pollution, boost the number of people travelling by bus and park and ride by more than three million over the next few years and improve bus punctuality. It will deliver around 30 projects and brings benefits to bus users, cyclists, pedestrians, coach, taxi and car users.

For the university, the funding will provide in particular improved information systems including "real time displays" at bus stops which allows passengers to see when their bus will arrive based on data retrieved via GPS systems on board vehicles rather than timetable information.

Accommodation

TO LET: Studio flat in the Barbican, balcony, original interior. Short lets / overnight stays, sleeps one or a couple. Now letting for the Olympics. Contact Nick Caistor on 07905 599241.

TO LET: Two bedroom bungalow, with gas central heating, garage and garden. Part furnished, kitchen fully equipped with white goods. Rent £560 pcm. Contact Samantha Jones at samrjones@yahoo.co.uk or 07933 435718.

TO RENT: Exclusive use of bedroom and study in a house in Bowthorpe. Available immediately. Shared with owner (owner only in house Mon – Fri). WIFI, dishwasher, washing machine, tumble dryer, CH, garden. £300 pcm including bills. Contact Antony on 07808 582442.

TO LET: Two bedroom flat in Clifton Street, within walking distance to city centre. Available May 1, rent £500pcm (includes GCH). Furnished/unfurnished by negotiation. Contact Dr Ferdinand de Jong at f.jong@uea.ac.uk or 07503 591400.

TO LET: Large room and bathroom, on top floor in grade two listed building. In city centre, close to the Forum. Kitchen available for breakfast food (included). £20 per night. Contact Josephine on 01603 623585.

TO LET: Lovely three-bed Georgian house with huge garden in the Golden Triangle available for summer let from July 12-30 (or part of); possibly also mid-end June. Tenants would need to feed an amiable cat - and harvest (for themselves/ the freezer) from the orchard. Call Nick on 07905 599241 or Amanda on 07941 316146.

TO RENT: Two double rooms in a shared house, sharing kitchen, bathroom and large sitting/dining room in Barnham Broom. Off street parking, CH, phone, internet, washing machine, fully equipped kitchen. Rent £100 per room per week inc. bills. Contact Richard on 01603 759517 or louise.richard@hotmail.co.uk.

FOR SALE: Large detached 1974 house in Swainsthorpe. Four beds, lounge /dining room, family kitchen and bathroom, gardens, workshop and garage. £315,000. Contact Sue on susanvirginia11@yahoo.co.uk or 07912 664066.

CLEANER AVAILABLE: Any house cleaning or even some ironing. Have bike, will travel! Hourly rate to be discussed. Excellent references. Contact Jane on 01603 741849.



Going global

A successful Go Global week was enjoyed by staff and students across campus in March.

Go Global was a celebration of the rich cultural mix of staff and students from over 100 different countries at UEA.

The week commenced with a launch in the Square, hosted by Go Global organisers from DOS and the Union of UEA Students, and included a welcome from Prof Tom Ward and music from Tiger MCs.

The International Students’ Advisory Team (ISAT) ran a competition to win a mini break for two in the heart of England and North Wales donated by Rabbie’s Trail Burners. The prize went to Alice Homewood, studying English Literature with Creative Writing, for her ideas about how to promote good relations between home and international students at UEA. Alice suggested providing welcome packs in halls promoting regular group activities such as games and language evenings and meal nights.

ISAT along with the Students’ Union, Catering, Careers, SCVA, SportsPark, schools across campus and many clubs and societies contributed to the success of the week’s activities which included a Global Opportunities Fair, a tug of war, lectures, debates, exhibitions and a Go Global party.

ISAT and SU are looking forward to planning the next Go Global programme and would like to make next year’s celebrations an even bigger success.

German passivhaus architect visits UEA

Christine Reumschüssel, a German architect, visited UEA in February to make presentations on passivhaus architecture as part of a Build with CaRe transnational learning exchange.

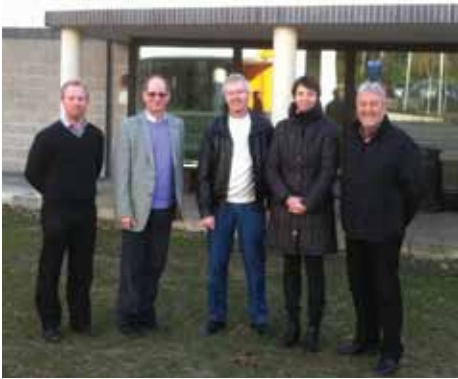
Christine has many years experience of designing buildings to passivhaus standard in Germany and was also architect of the first passivhaus in China, constructed as part of the City of Hamburg display at the Shanghai expo in 2010.

Bruce Tofield and Martin Ingham, associate consultants at Adapt Low Carbon Group, visited Christine in Hamburg in 2011 as part of research into German achievements in low-carbon construction within the Build with CaRe project.

Transnational learning and exchange is an important part of Build with CaRe and, with growing interest in passivhaus methods at UEA and more widely in the UK, it was timely to ask Christine to Norfolk to share her insights and expertise.

During her visit, Christine spoke about

L-R: Simon Brister, Martin Ingham, Bruce Tofield, Christine Reumschüssel, David Frost.



passivhaus methods to estates and also to staff from Broadland Housing Group and companies working with Broadland.

Build with CaRe is a consortium of local authorities and universities from five countries across the North Sea region, funded partly by the European Regional Development Fund. Its aim is to make energy-efficient building design the mainstream.

Media Watch

Making the headlines this month

- 

Prof Aedin Cassidy (MED)
Daily Telegraph, Daily Mail, The Sun, The Scotsman, Scotland Herald, CBC Radio, EDP, Metro, Western Daily Press, Western Mail, Coventry Telegraph, Newcastle Evening Chronicle, Bradford Telegraph, Belfast Telegraph, Huffington Post, Anglia Tonight, Wolverhampton Express & Star, GP, various online (citrus fruits)
- 

Dr BJ Epstein (LDC)
Huffington Post (LGBTQ literature), European Radio Network (glass ceiling for women), Huffington Post (translated literature), EDP, Jewish Chronicle (book group), Huffington post (translation), Future Radio (LGBTQ families), Huffington Post (political correctness)
- 

Dr Bruce Tofield (ADAPT)
EDP, Anglia Tonight, various online (energy targets)
- 

Dr Simon Gerrard (ADAPT)
Holyrood Magazine (biomass plants)
- 

Prof Sarah Churchwell (AMS)
Sunday Times (book review), The Atlantic, Guardian (Eugene O’Neill), BBC Breakfast News, BBC Radio Scotland (US Primary), Psychologies (Great Gatsby), Guardian (Letters of Earnest Hemingway), BBC2 Review Show (panel guest), BBC Radio 4 Front Row (panel guest), New Statesman (review)
- 

Prof Stefan Muthesius (ART)
Radio Norfolk (UEA in the 60s)
- 

Prof Tracey Chapman (BIO)
Online (fruit flies)
- 

Elaine Sherriffs (CCEN)
Future Radio (volunteering)
- 

Prof Catherine Waddams (CCP)
BBC Look East (energy companies), online (wireless industry)
- 

Prof Steve Meech (CHE)
The Engineer, Energy Now, various online (laser)
- 

Dr Richard Harvey (CMP)
EDP (UEA London congregation)
- 

Prof Declan Conway (DEV)
Guardian, online (Chinese irrigation)
- 

Dr Tim Daw (DEV)
Fishing News UK (fishermen)
- 

Dr Yvan Guichaoua (DEV)
China Post, Kuwait Times, online (Mali)
- 

Prof Bruce Lankford (DEV)
BBC1 East News, Radio Norfolk, Evening News, EADT (global water resources)
- 

Dr Dorothee Bakker (ENV)
EADT, Online (surface water CO2 dataset)
- 

Dr Mark Claire (ENV)
Online (Earth’s atmosphere)
- 

Prof Kevin Hiscock (ENV)
Radio Norfolk (drought)
- 

Prof Mike Hulme (ENV)
Online (AAAS conference), THE (new MA/MSc course)
- 

Prof Corinne Le Quere (ENV)
BBC Online (global temperatures), EDP, EADT online (global carbon project)
- 

Prof Phil Jones (ENV)
Telegraph online, BBC online, EADT, various online (HadCRUT4 data release)
- 

Dr Eylem Atakav (FTV)
Huffington Post (women’s sexuality), Guardian (Women and Islam), Radio Norfolk (veil wearing)
- 

Prof John Charnley (HIS)
Evening News (School of Music)
- 

Dr Susannah Lipscomb (HIS)
Radio Norfolk (Tudor England)
- 

Dr Thomas Otte (HIS)
EDP (Iran)
- 

Prof Carole Rawcliffe (HIS)
EDP (Norwich Hospital)
- 

Dr Camilla Schofield (HIS)
Radio Norfolk (UEA in the 60s)
- 

Prof Nick Vincent (HIS)
EDP and various online (magna carta)
- 

Dr Paul Bernal (LAW)
Radio Norfolk (social media)
- 

Dr Daithi Mac Sithigh (LAW)
Computer & Law (Apps), Herald Tribune (tabloids)
- 

Prof Owen Warnock (LAW)
EDP (budget)
- 

Dr Nana Sato-Rossberg (LCS)
Radio Norfolk (Japan tsunami)
- 

Prof Jon Cook (LDC)
EDP (Charles Pick archive)
- 

Andrew Cowan (LDC)
The Times (Queen’s anniversary prize)
- 

Prof Lavinia Greenlaw (LDC)
The Scotsman (poetry)
- 

Dr Valerie Henitiuk (LDC)
Online (Review of WLT article), Translation Studies (book review), online (translation talk)
- 

Dr Chris Fox (MED)
New York Times, The Indian Express (anticholinergic drugs)
- 

Prof Jim Gray (MED)
Radio Suffolk (norovirus)
- 

Dr Yoon Loke (MED)
Daily Mail (heart attacks)
- 

Dr Anna Smajdor (MED)
Look East (stem cell research)
- 

Prof Paul Dobson (NBS)
Radio Suffolk (high street shops), Peterborough Evening Telegraph (shopping centre)
- 

Peter Ellington (NBS)
Radio Norfolk (budget)
- 

Dr Susan Sayce (NBS)
Radio Norfolk (budget)
- 

Dr Katherine Deane (NSC)
EDP, Evening News, Norwich Advertiser, online (coeliac study)
- 

Dr Rupert Read (PHI)
Observer (letter)
- 

Dr Johan Franzen (PSI)
Huffington Post (Arab spring), Huffington Post (Syria)
- 

Prof John Greenaway (PSI)
Radio Norfolk, EDP (budget)
- 

Dr Rebecca Richards (PSI)
Anglia Tonight (hostage release)
- 

Dr Sam Nixon (SRU)
The Muslim Weekly, Bangla Mirror (Haji conference)
- 

Dr Beth Neil (SWP)
Children & Young People Now (adopted children)

ResNet project launched

Women from across campus met for lunch on campus in March to share their stories as part of International Women’s Day 2012, the theme of which was ‘Connecting Girls, Inspiring Futures’.

To celebrate the day, ResNet launched a project to collect stories from women at UEA about who and what had inspired them to follow their varied career paths.

ResNet will be collating these stories of inspiration to produce some outreach materials to inspire the next generation of women scientists, historians, doctors and philosophers. If you would like to be part of this project and share your story, please contact Sarah Payne on s.payne@uea.ac.uk, 01603 593269 or visit www.uea.ac.uk/resnet.

Trauma conference

Simulated car crashes, accidents and even a mock nightclub brawl tested the skills of medical students from across the country at UEA in March.

The aim of the two-day conference was to educate the doctors of tomorrow in the area of trauma and emergency medicine, through a programme of varied lectures, seminars and practical sessions.

The highlight of the weekend were the trauma simulation sessions, in which groups of students were taught how to deal with emergencies they could encounter in real life.

Using actors in full make-up as ‘patients’, qualified paramedics talked the students through how to care for the accident victims correctly, employing specialist techniques and equipment including spinal boards and neck collars.

The event was arranged by the UEA Surgical Society’s Caroline Anderson, a fourth year medical student.

Global Carbon Project

An international project giving up-to-date information on carbon emissions has opened its first UK office at the university.

The Global Carbon Project provides objective scientific data to policy-makers and the public on the latest trends in CO2 emissions and ‘sinks’ around the world. It already has offices in Australia, Japan, France, US, China and South Korea. More than 50 scientists around the world contribute their expertise to the project.

The UK Global Carbon Project Office will be located within the Tyndall Centre for Climate Change Research. Funded by the Natural Environment Research Council (NERC), the new office will support the annual publication of the project’s ‘global carbon budget’, which quantifies global CO2 emissions in the previous 12 months and shows how they are divided between the land, ocean and atmosphere.

Students and staff to carry Olympic flame

Three students and staff from the university have been chosen as torchbearers in the London 2012 Olympic torch relay.

The three lucky torchbearers, students Melissa Ilboudo and James Colley, and pro-vice-chancellor Prof Tom Ward, will each carry the Olympic flame through Norwich on July 4, as it travels on its 70 day journey before the start of the London 2012 Olympic Games.

Literary archivists visit campus

UEA Library hosted the annual meeting of Group for Literary Archives and Manuscripts (GLAM) in March.

Eighteen archivists met for a special topic meeting on literary archives and creative writing. Members attended from the National Archives, British Library, National Library of Scotland, Bodleian Library and Cambridge University Library as well as several university and specialist archives including the National Theatre and Chawton House in Hampshire.

UEA has recently built up a number of literary archives collections and Arts and Humanities faculty librarian Sarah Elsegood, who has responsibility for UEA's archives and special collections, gave the meeting's main presentation, entitled 'Building up literary archives to support teaching and research in creative writing'.

GLAM was established in 2005 to bring together archivists, librarians, curators, writers, researchers and anyone else with an interest in the collection, preservation, use and promotion of literary archives and manuscripts in Britain and Ireland.

For more information about the group, visit <http://glam-archives.org.uk>.

Ted Hughes Award for professor

Prof Lavinia Greenlaw (LDC) has been awarded the 2011 Ted Hughes Award for New Work in Poetry for her outstanding sound work *Audio Obscura*.

Taking place at Manchester's Piccadilly station in July 2011 and at London's St Pancras International station in September / October 2011, *Audio Obscura* is a sound work in which the listener enters interior lives and discovers, somewhere between what is heard and what is seen, what cannot be said.

The competition judges said: "Audio Obscura was a groundbreaking work that fully captured the spirit of the Ted Hughes Award for New Work in Poetry. The judges felt this was a particularly outstanding year with six stellar entries on the shortlist."

The Ted Hughes Award for New Work in Poetry is awarded annually to recognise excellence in poetry. It is one of the only awards to acknowledge the wide range of collaborative work being produced by poets - not just in books, but beyond.

Prof Greenlaw was presented with her prize of £5,000 by Carol Ann Duffy at an award ceremony at the Savile Club in March.

Listings

APRIL

Tues 24
Concert: **Chamber Orchestra Anglia with the Allegri Quartet**, St James' Mill, 6.30pm, £15

Thu 26
Philosophy of Religion lecture: **'Wittgenstein, Religious Language and the Realistic Spirit'**, Stephen Mulhall, Norwich Cathedral Hostry, 7pm

Fri 27
CCP seminar: **'Regional competition law agreements'**, Michael Gal, CD annex 0.17, 1pm

Sat 28
Open day: **PGCE Primary Teacher Training**, TPSCLT, 11.30am - 2pm
Sonic Arts concert: **Simon Waters**, Strobe concert room, MUS, 7.30pm, £4-7

MAY

Tue 1
Spring Literary Festival: **Iain Banks**, LT1, 7pm, £6

Fri 4
CCP seminar: **Greg Crawford**, CD annex 0.17, 1pm

Tue 8
Spring Literary Festival: **Robin Dunbar**, LT1, 7pm, £6

Wed 9
Gig: **Alkaline Trio**, Waterfront, £16.50

Thu 10
Talk: **'The Blue Economy'**, Gunter Pauli, TPSCLT, 3pm
Lecture: **'Blue and New Labour - contradiction or synthesis?'**, James Purnell, TPSCLT, 7pm

Fri 11
CCP seminar: **'Media pluralism – time for a reappraisal?'**, Michael Harker, CD annex 0.17, 1pm
Music at One concert: **Piano recital by MA student Denise Wijayaratne**, Assembly House, 1pm, £5

Sun 13
Gig: **Wretch 32**, LCR, £12.50

Mon 14
Gig: **Marina and The Diamonds**, Waterfront, £17.50

Tue 15
Spring Literary Festival: **Jackie Kay**, LT1, 7pm, £6
Inaugural lecture: **'Understanding**

irrigation using metaphors and games: parodies, parrots or portals?', Prof Bruce Lankford, TPSCLT, 6.30pm

Thu 17
SISJAC lecture: **'Images tracing shadows: the claims of photography in early Maiji ge-encyclopedias'**, Dr Gyewon Kim, Norwich Cathedral Hostry, 6pm

Fri 18
CCP seminar: **'Leniency programs, accuracy and strategic Antitrust'**, Panos Agisilaou, CD annex 0.17, 1pm

Sat 19
SCVA: **Museums at Night**, SCVA, 5pm

Sun 20
Reels of History screening: **Munich**, Cinema City, 5pm, £8.50

Thu 24
Comedy club: **Russell Kane**, LCR, £14.50

Fri 25
CCP seminar: **'Prioritising cartel enforcement in developing countries'**, Andreas Stephan, CD annex 0.17, 1pm

All events free unless stated. For Sainsbury Centre events visit www.scva.co.uk. Tickets for LCR and Waterfont gigs are available by calling 01603 508050. All prices are advance only and may be subject to a booking free. Doors open 7.30pm unless stated. All gigs are for over 14's only. www.ueaticketbookings.co.uk.

Sonic Arts concert

Dr Simon Waters (MUS), a key figure in electroacoustic music's gradual transformation and growth into the 'Sonic Arts', will present a concert on campus on April 28.

Simon, who is also director of UEA's music studio, will perform a programme including AfterImage, a baroque flute + tape piece, and the premiere of Folly, a new work for voice flute

and electronics.

The concert takes place on Saturday, April 28, at 7.30pm in Strobe concert room in MUS. Tickets range from £4-7, and are available from the Union Box Office or on the door. More information can be found at www.uea.ac.uk/mus/musicevents.

Campus language classes

A series of six-week beginner language evening classes organised by LCS will begin in May.

These will be one-off beginner's classes designed for people going on holiday or who want to learn a few basics in a short period of time.

Languages on offer are French, German, Italian,

Russian and Spanish, which will be taught in one, two-hour lesson each week on campus.

The deadline for registration is Monday, May 7. The courses cost £80.

For more information, visit www.uea.ac.uk/lcs/eveningclasses or email ulp_ecb.hub@uea.ac.uk.

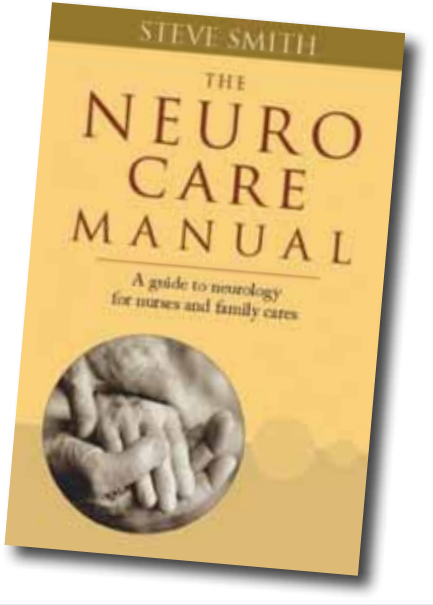
Neuro book by NSC lecturer

Steve Smith (NSC), a lecturer based at the Queen Elizabeth Hospital in King's Lynn, launched his latest book *The Neuro Care Manual* at a special ceremony at the hospital.

The book is about the challenge of nursing people with a degenerative brain disease. It is designed to be accessible to both qualified nurses and informal caregivers as both sections have to manage such patients in a team so they can achieve what they want to - taking better care of the sufferer.

He finished the book launch with a performance of two songs that he wrote himself, each relating to real-life incidents involving patients and careers.

The Neuro Care Manual is published by B Jain Publishers Pvt Ltd.



The Vice-Chancellor with participants in the reception at the Sainsbury Centre



Japanese workshops at UEA

A series of Japan-related workshops and visits took place across Norwich in March.

UEA hosted meetings with a delegation from the Research Institute for Humanity and Nature in Kyoto (RIHN) over two days. These meetings explored the potential for future collaboration between RIHN and UEA, especially in the area of environmental science.

Prof Mike Hulme (ENV) gave the keynote address on 'Meeting the Humanities', in which he stressed the importance of an interdisciplinary approach bridging environmental sciences and the humanities. Prof Kevin Hiscock (ENV) and Prof Watanabe Tsugihiko (Deputy Director, RIHN) also gave presentations on their respective projects

about water management.

A reception at the Sainsbury Centre for Visual Arts brought together participants in the UEA-RIHN workshop, along with a group of trainee nurses from Niigata University of Health and Welfare who were visiting NSC, and contributors to a workshop on 'Caring for the Elderly: perspectives from Britain and Japan', organised by Dr Hayashi Mayumi (HIS).

The reception and these events demonstrated the growing interest in Japan-related teaching and research in a wide range of disciplines across the university.

Student poetry to be featured online

Eleanor Stewart, the current student recipient of the Ink Sweat & Tears poetry scholarship, will have her work featured on the front page of the webzine's new site throughout April.

The new-look website was launched on April

1, and is a platform for poetry and short prose, as well as reviews and word and image pieces.

To view Eleanor's work, which will continue to be available after April, visit www.inksweatandtears.co.uk.

Spin-out company wins £2m investment

Intelligent Fingerprinting Ltd, the UEA spin-out that has developed a unique technology for the simultaneous detection of personal identity and contact with illicit substances from fingerprints, has just raised £2m in funding from a consortium of private US-based investors.

The deal follows the recent announcement of the company's prototype fingerprint drug-testing device – the first of its kind in the world. The investment will allow the unique product, which detects illegal drugs from the sweat in fingerprints, to be marketed worldwide.

Highly specific antibodies are used to detect the metabolites of drugs in situ in less than 10 minutes. Heroin, cocaine and cannabis use can be detected, along with other substances such as nicotine.

The innovative technique was developed within CHE under the guidance of Intelligent Fingerprinting founder Prof David Russell (CHE).

Prof Russell said: "This investment comes at a crucial time for the Company as our groundbreaking technology enters the next commercial phase. This is particularly important given the response by potential customers to our technology."

For more information, visit www.intelligentfingerprinting.com.

Olympic film screening

The latest film in the new Olympics-themed HIS series Reels of History will be shown in May.

Stephen Spielberg's *Munich* is inspired by real life events at the 1972 Munich Olympics, where a secret Israeli squad was assigned to track down and kill the Palestinian suspected of having planned the massacre of eleven Israeli athletes at the games.

The film will be shown at Cinema City on May 20 at 5pm, with an introduction by Dr Lee Marsden (PSI).

Crossword answers from March 2012 Broadview

Across: 1 Knickerbocker, 9 Ole, 10 Preface, 11 Ex, 12 St, 14 Bar, 15 Tagliatelle, 21 Lou, 22 IRA, 24 Kindergartens, 28 Abdo, 29 Rio, 30 Forage, 31 PS, 32 Ah, 33 Aura, 36 Muesli, 38 Euro, 40 Ego, 41 Mare, 42 Rani

Down: 1 Kaput, 2 Ire, 3 Khaki, 4 Rue, 5 Ore, 6 KO, 7 Else, 8 Retro, 13 Feta, 14 Beret, 16 Alibi, 17 Gondola, 18 Ludo, 19 Air, 20 Lit, 23 An, 24 Karaoke, 25 Guru, 26 Ragout, 27 Sashimi, 30 Forum, 31 Pal, 34 UE, 35 Ara, 37 Spa, 39 Or

BCLT collaborative work

In partnership with Essex, Goldsmith's, Kent, Sussex and UEA (members of the new CHASE consortium), the British Centre for Literary Translation (housed in LDC) has been able to offer two sponsored places at the Harvard-led Institute for World Literature.

The IWL was created to explore the study of literature in a globalizing world. The successful applicants for IWL 2012, which takes place in Istanbul this summer, are Ersin Münüklü, a PhD student at the University of Kent, and Kopal Gautam, a postdoctoral scholar/tutor at the University of Essex.

BCLT has also recently joined forces with the Nida School of Literary Translation to offer a collaborative bursary for a UK-based literary translation researcher to attend the annual symposium held under the auspices of the San Pellegrino University Foundation in Misano, Italy. The successful applicant for 2012 was Svetlana Skomorokhova, a PhD candidate at the University of Warwick.

Further information on these and other initiatives can be found at www.bclt.org.uk.

Scholarly reading research published

The results of research into the value of scholarly reading for academics and research associates have been published.

UEA was one of six UK universities that took part in the project, the results of which show that journals were the most frequently used source by academics in all disciplines (except humanities) when they were looking for the last substantive piece of information for their work.

The research also asked what academics would do if library resources were not available. The findings suggest that without the library, academics and their departments would not find articles of such quality, that they would find fewer related articles, and that it would be a significantly more costly and time-consuming process. There was also evidence that a well-stocked library may give an institution the competitive edge in terms of attracting and retaining staff.

The aim of this research was to look in depth at one aspect of library value – scholarly reading – as a contribution to the growing body of evidence-based research that will be needed in future to inform library strategy and operational decision-making. The full report is available at <http://bit.ly/xtPA1J>.



CUE East projects scoop four 'Oscars'

The university's public engagement team was invited for the second year in a row to put four of their 2011 funded projects forward for consideration for the 2012 ECO Awards.

The four projects nominated were the Biodiversity and Sustainability: A Level conference, the World on the Street project, The Oil Game and the Mile Cross Children's Water Pollution Solution.

All of the nominees received their awards at the ceremony in March from the Mayor of Norwich, and CUE East was commended for its help and support in linking the university's expertise and knowledge in assisting local community groups and partners to make their communities a better place in which to live,

work and study.

The World on the Street project worked with volunteers at the Forum over the summer, raising the public's awareness of sustainability and global issues. This project also involved pupil volunteers from Wymondham High School, three of whom attended the award ceremony.

Further information on all the CUE East funded projects can be obtained by contacting CUE East on community@uea.ac.uk. There is also further information on CUE East events and activities at www.cueeast.org.

£3m backing for writing centre

A project to develop an International Centre for Writing, in partnership with UEA and Writers Centre Norwich, has been given a £3 million boost.

The scheme to create a world-leading hub for creative writing and the best in world literature has received backing from Arts Council England's Capital Investment Programme funds. The grant is one of the largest ever given to a literature organisation and will bolster Norwich's bid to be England's first UNESCO City of Literature.

The centre will be based in St Giles Street, and blueprints reveal a 120-capacity conference

and events area, cafe, teaching areas and office space. An underground performance space will also be created, as well as two apartments for writers and translators in residence.

In addition to being a physical space, the new centre will broker discussions on key issues facing writers, readers and the literature sector, and will be supported by a major new national digital platform due to be launched in 2014.

Writers' Centre Norwich will open the International Centre for Writing in April 2016. The total campaign target is £7 million and further funds are being sought from a range of public and private sources.

Child care lecture

Noted academic Prof Harry Ferguson will give the Annual Child Care Lecture on May 14.

In this lecture, Prof Ferguson will argue that we need a new way of thinking about the work that social workers and other professionals do to try to keep children safe that he calls 'intimate child protection practice'.

Protecting children requires practitioners to enter into their worlds, their physical spaces and their

emotional lives and the paper seeks to evoke the lived experience of what it is like for practitioners to engage with children and parents and perform child protection in their most intimate spaces.

The session will draw on research findings and some arguments of Prof Ferguson's recent book, *Child Protection Practice*.

The lecture will take place on May 14, at 6pm in room 01.02 EFB.