

January/February 2013

broadview

Fifty years of the University of East Anglia



**Century-old
animal map
updated**

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Fifty Years of the University of East Anglia

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Cover image: A red slender loris (*Loris tardigradus tardigradus*) (photo: James T. Readon)

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New Year Honours for colleagues

Four key university figures have been recognised in the Queen's New Year Honours list.

Prof Ian Bateman (ENV) has been made an OBE for his services to environmental science and policy since the 1990s.

Emeritus professor David Howe (SWK) was recognised with an OBE for services to vulnerable children and families.

They were joined by former director of partnerships Erica Towner, who was made an MBE for services to higher education for her contribution to widening participation and work with UEA's partner colleges.

Meanwhile Nichola Johnson, a former Sainsbury Centre director, was made an OBE for services to museums and cultural heritage.

Vice-Chancellor Prof Edward Acton said: "I am delighted to hear that the valuable contribution of UEA research to the wider community has been recognised in the New Year's Honours list. Ian and David have led the way in their respective fields of environmental science and social work, and Erica has played a pivotal role in building lasting relationships with our partner colleges. I send each of them my warmest congratulations."

Prof Bateman said he was "incredibly honoured and humbled" to receive his award.

He said: "I have been very fortunate to work with a large number of very talented, generous and patient people who are equal partners in this. Many of them are at UEA."

"I am particularly proud to be a member of the

Prof Ian Bateman



School of Environmental Sciences - in my opinion it is the best institution of its kind in the world. It recognises that to understand the crucial yet complex relationship between humans and the natural environment we need insights from all disciplines.

"This is the only place I know where people from different disciplines genuinely treat each other as equals. This collaboration is the secret behind our international success."

Prof Howe said: "I couldn't have been more surprised and delighted when I heard the news. I have been deeply touched by all those who took the trouble to sponsor the submission - all without my knowledge! Of course, it would never have happened if I hadn't been given the opportunity to work in a great school with the support and stimulus of so many talented colleagues over so many years."

"I do hope the award reflects well on UEA's school of Social Work and all that we have done over many decades," he added.

Learning enhancement film project

In order to improve the range of study skills resources on offer to students, the Learning Enhancement Team has made a series of short films focusing on some of the topics which students come to see their tutors about.

Two members of the team attended the free "Introduction to Film Making" course at the BBC Voices facility in the Forum (organised by CSED) to learn the necessary film making and editing skills.

In the films, six current students talk about the problems they have faced with studying and the strategies they have used to overcome these. The students, both home and international, come from different Schools and are a mixture of undergraduates and postgraduates.

Jeremy Schildt, head of the Learning Enhancement Team, said: "We felt that the message about the value of effective study skills would be more powerful coming from students,

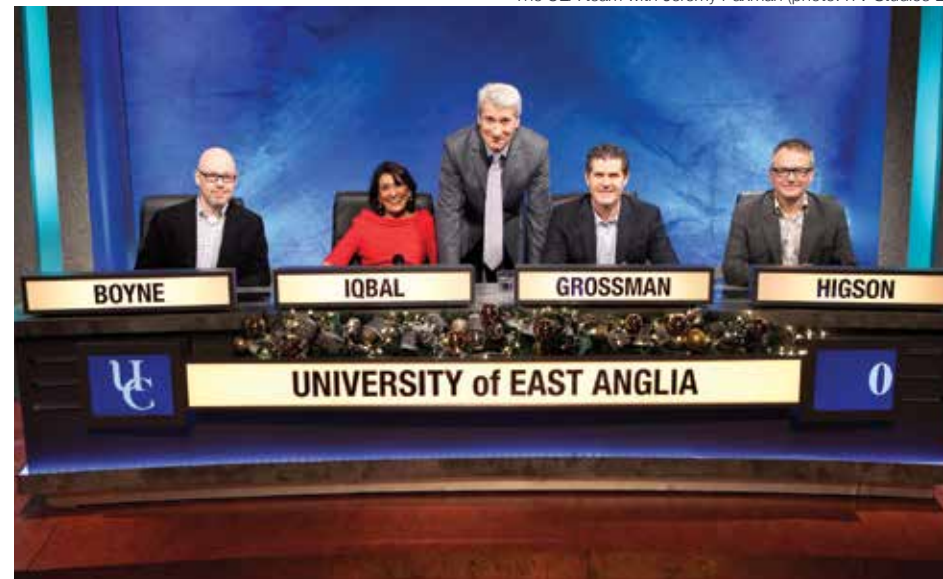
and would also reassure other students that it is normal to face some sort of difficulty during the course of their studies."

Four films have so far been completed: 'Sources of help with your studies'; 'What's different about studying at university?'; 'How to read for your course' and 'Making the most of lectures and seminars'.

The films are all less than four minutes long and are available on the Learning Enhancement Team's website for independent viewing by students and staff. It is hoped that the topics they cover will be particularly useful for those who are just starting their studies at UEA, and to that end the films have been used successfully by Learning Enhancement Tutors in talks and workshops.

To see the Learning Enhancement Team's films and to find out more about what they do, visit www.uea.ac.uk/dos/let.

The UEA team with Jeremy Paxman (photo: ITV Studios Ltd)



Alumni challenged on national television

Four UEA graduates battled over Christmas to reach the final of a festive series of University Challenge.

Newsnight correspondent David Grossman led the team comprising BBC journalist Razia Iqbal, *The Boy in the Striped Pyjamas* author John Boyne and author and comedian Charlie Higson.

The team fought off stiff competition from the universities of Birmingham and Glasgow, before losing out to New College, Oxford in the final.

David Grossman said: "I'm used to answering Jeremy's questions in the Newsnight studio but - without giving away too many secrets - there are ways to dodge the difficult ones. On University Challenge there is no hiding place!"

"I'm delighted to have the chance to take part in the Christmas special. It's such an honour to have a go at the toughest quiz on TV, and captain the UEA team."

David Grossman graduated from UEA in 1987 with a degree in politics. He has gone on to work extensively as a journalist across the country, and is currently a political correspondent for BBC2's Newsnight.

Charlie Higson left UEA in 1980 after studying for a BA in English and American Literature. It

was there he met his future bandmates who later became known as The Higsons. He has gone on to have a varied career as an actor in series such as *The Fast Show*, as well as writing prolifically - both books and for television.

BBC journalist and presenter Razia Iqbal completed an American Studies degree at UEA in 1981. Formerly an arts correspondent for BBC News, she currently presents Newshour on the BBC World Service, along with reporting on big stories for various outlets across the corporation.

Novelist John Boyne is perhaps best known for penning the novel behind the international film *The Boy in the Striped Pyjamas*. Since graduating from UEA with a Masters in Creative Writing in 1994, he has written ten novels for children and adults.

January marks the beginning of UEA's 50th anniversary year, with a programme of events and celebrations scheduled throughout the coming months. Visit www.uea.ac.uk/50years for more information. Anyone can sign up for anniversary update emails by emailing 50years@uea.ac.uk.

Spring Inaugural Lectures

Six newly-appointed professors will present their research in the spring semester in the latest series of Inaugural Lectures.

It will begin on January 15, when Prof Kevin Daniels (NBS) explores how the nature of work can influence people's sense of well-being and health.

On January 29 Prof Ian Renfrew (ENV) will illustrate the challenges of observing and modelling weather and climate processes in the polar regions, and the progress scientists are making in trying to improve polar predictability.

The subject of public health will be addressed

by Prof Richard Holland (MED) on February 12, before Prof Cathie Carmichael (HIS) presents her lecture entitled 'On the borders between peoples in South-East Europe' on February 26.

Prof Mirna Džamonja (MTH) will show the use of infinitary maths in a 'finite' world on March 12, before the series concludes on April 16 with Prof Raphael Markellos (NBS) introducing 'Lies, damn lies and information in financial markets'.

All lectures take place at 6.15pm on TPSC Lecture Theatre. Admission is free. For more information ring 01603 592130.

Low fat diet is key to a slimmer figure

Cutting down on fat, without dieting, will result in a slimmer figure - according to new research from MED.

Findings published in the *British Medical Journal* show that exchanging fatty foods for lower fat alternatives will help people shift around three-and-a-half pounds - without dieting. People taking part in trials also saw their waist-lines become slimmer, and levels of bad cholesterol decrease.

The results prove for the first time that weight loss can happen without trying to lose weight - simply by choosing foods lower in fat.

The report was commissioned by the World Health Organisation (WHO) Nutrition Guidance Expert Advisory Group (NUGAG) Subgroup on Diet and Health following a request to update their guidelines on total fat intake. The results will be crucial in making global recommendations.

The research is particularly important because being overweight or obese increases the risk of many cancers, coronary heart disease and stroke. Reductions in total fat were also associated with small but statistically significant reductions in cholesterol and blood pressure.

The systematic review included results from 33 randomised controlled trials, in North America, Europe and New Zealand, involving 73,589 men, women and children.

The results show that eating less fat reduces body weight by 1.6kg, BMI by 0.56kg/m² and waist circumference by 0.5cm. All these effects were in trials in which weight loss was not the intended outcome, suggesting that they occur in people with normal diets. The weight loss happened quickly and was maintained over at least seven years.

The research was led by Dr Lee Hooper (MED). She said: "The weight reduction that we found when people ate less fat was remarkably consistent - we saw it in almost every trial. Those who cut down more on fat lost more weight."

"The effect isn't dramatic, like going on a diet. The research specifically looked at people who were cutting down on fat, but didn't aim to lose weight - so they were continuing to consume a normal amount of food."

"What surprised us was that they did lose weight, their BMI decreased and their waists became slimmer. On top of this, they kept their weight down over at least seven years. There isn't a specific goal, the more fat you cut down, the more your weight falls."

Clockwise: Lee Child (credit: Jonny Ring), Ruth Padel (credit: Mary Tziraki), Tracey Thorn (credit: Edward Bishop)

Environmental performance affected by ethnic and religious diversity

Ethnically or religiously diverse countries under-invest in measures to improve their environmental performance, according to new research by Dr Elissaios Papyrakis (DEV).

He also found that religious diversity has a more detrimental impact on environmental performance than ethnic differences. These social differences, if they cannot be overcome, may lower collective action and reduce public spending on environmental protection and performance.

Dr Papyrakis assembled data on environmental performance, ethnicity, religion, industry, income and population density, as well as conflict and control of corruption, for 127 developed and developing countries. He then analysed what influences a country's environmental performance and investment in protection measures and whether this is associated with social diversity. It is believed to be the first study to explore the link between ethnic and religious diversity and a country's environmental performance.

Dr Papyrakis said: "Social fragmentation has a negative effect on environmental performance. Countries that are either ethnically or religiously diverse tend to underinvest in environmental protection, even when one controls for differences in income and industrial activity, for example.

"This might be because of differences in preferences across the various, and often geographically concentrated, ethnic or religious groups about which environmental measures should be introduced and when and where. For example, public spending for waste treatment facilities or reforestation can become particularly contentious issues when different ethnic or religious groups do not benefit equally.

"Even when preferences over what should be done do not differ much, differences in language and culture may hamper communication and collective action. If these differences cannot be bridged, investment will not be made and positive action will not be taken."

The data analysed related to the period between 1960 and 2006, the most recent available. Environmental performance was measured using data on the monetary damage (as a share of GDP) attributed to a country's carbon dioxide emissions and the dependence of energy consumption on 'clean', or renewable, sources such as hydropower, geothermal, nuclear and solar power.



Literary Festival springs into life

Musician-turned-author Tracey Thorn and Charles Darwin's great-great-granddaughter poet Ruth Padel feature in the diverse line-up for the Spring Literary Festival.

The annual festival, which starts on February 6, is hosted by UEA's Centre for Creative and Performing Arts.

Other speakers during the series include poet Kathleen Jamie, whose most recent work has been shortlisted for the TS Eliot prize, and Posy Simmonds the illustrator and cartoonist whose *Tamara Drewe* comic strip became an international film sensation starring Bond girl Gemma Arterton.

Festival organiser Prof Lavinia Greenlaw (LDC) said: "This year we have a wonderfully varied line-up for the festival – three poets, a thriller writer, a cartoonist and a former pop star.

"We attract the best writers from all over the world and have the best audiences a writer could hope for."

The spring series launches on February 6 and runs until May 28. All events take place at 7pm in Lecture Theatre 1.

Season tickets priced £49 (£42 students and concessions) and individual tickets priced £7 (no concessions), are available from the UEA Box Office on 01603 508050, or online at www.ueaticketbookings.co.uk/events/.

For more information, visit www.uea.ac.uk/litfest.

Record high for global carbon emissions

Global carbon dioxide (CO₂) emissions are set to have risen in 2012, reaching a record high of 35.6 billion tonnes - according to new figures from the Global Carbon Project, co-led by researchers from the Tyndall Centre for Climate Change Research.

The 2.6 per cent rise projected for 2012 means global emissions from burning fossil fuel are 58 per cent above 1990 levels, the baseline year for the Kyoto Protocol.

This latest analysis by the Global Carbon Project is published in the journal *Nature Climate Change* with full data released simultaneously by the journal *Earth System Science Data Discussions*.

It shows the biggest contributors to global emissions in 2011 were China (28 per cent), the United States (16 per cent), the European Union (11 per cent), and India (7 per cent).

Emissions in China and India grew by 9.9 and 7.5 per cent in 2011, while those of the United States and the European Union decreased by 1.8 and 2.8 per cent.

Emissions per person in China of 6.6 tonnes of CO₂ were nearly as high as those of the European

Union (7.3), but still below the 17.2 tonnes of carbon used in the United States. Emissions in India were lower at 1.8 tonnes of carbon per person.

Prof Corinne Le Quéré, director of the Tyndall Centre for Climate Change Research and professor at UEA, led the publication of the data. She said: "These latest figures come amidst climate talks in Doha. But with emissions continuing to grow, it's as if no-one is listening to the entire scientific community."

The 2012 rise further opens the gap between real-world emissions and those required to keep global warming below the international target of two degrees.

"I am worried that the risks of dangerous climate change are too high on our current emissions trajectory. We need a radical plan," added Prof Corinne Le Quéré.

The analysis published in *Nature Climate Change* shows significant emission reductions are needed by 2020 to keep two degrees as a feasible goal.

UK universities embrace the online future of HE

The university is taking part in a major new programme to deliver university-level courses, free of charge, online.

Students from the UK and around the world will have free access to some of the country's top universities thanks to Futurelearn Ltd, a new company being launched by The Open University (OU) which will offer Massive Open Online Courses (MOOCs).

As well as UEA, the universities of Birmingham, Bristol, Cardiff, Exeter, King's College London, Lancaster, Leeds, Southampton, St Andrews and Warwick have signed up to Futurelearn.

There has been a marked surge, led by the United States, in the development of MOOCs, which are designed to provide mass access to an array of both short and more formal university-level courses, nationally and internationally.

Vice-Chancellor Prof Edward Acton described the venture as an exciting opportunity in the development of accessible education. He said: "We are pleased to have the opportunity to collaborate with the Open University on this venture and to be part of a much wider movement to make higher education truly accessible."

Futurelearn will be independent but majority-owned by the OU and will draw on its expertise in delivering distance learning and pioneering open education resources, as well as increasing accessibility to higher education for students across the UK and in the rest of the world.

The initiative has been welcomed by the Minister for Universities and Science responsible for higher education in England, David Willetts, who said: "The UK must be at the forefront of developments in education technology. Massive Open Online Courses present an opportunity for us to widen access to, and meet the global demand for, higher education. This is growing rapidly in emerging economies like Brazil, India and China.

"Futurelearn has the potential to put the UK at the heart of the technology for learning agenda by revolutionising conventional models of formal education. New online delivery tools will also create incredible opportunities for UK entrepreneurs to reach world markets by harnessing technology and innovation in the field of education."

The project is in its early stages of development and further information on the types of courses to be delivered will be announced later this year.

L-R: Luke Wake, Amy Timmins, Samuel Ellis, Rebecca Spanner, Anna King, Prof Dylan Edwards, Raphael Zimmermann, Lukas Harnisch, Kris Sales



BIO prize-giving

Hard-working biology students were recognised at an awards ceremony in the Autumn semester.

The Luke Robinson Puddy Memorial Prize was awarded to Luke Wake for his work in the areas of population biology, conservation and ecology, and for making the most significant progress in his first year of study.

Rebecca Spanner and Samuel Ellis both received John Innes Foundation Prizes for outstanding academic performance. Lukas Harnisch won the Novartis 2nd year prize, for best overall performance in Cell Biology.

The Society for General Microbiology Prize was won by Anna King, for the best performance in microbiology in the 2nd year of study.

This year for the first time, The Biochemical Society awarded a prize for the best 2nd year biochemistry student. The winner was Amy Timmins.

Kris Sales was the winner of the Chris Lelliott Memorial Prize for Field Ecology. The award was set up by Lucy Lelliott in memory of her late husband Chris, who had a passion for nature and the environment, hence field ecology being chosen as the topic for this prize. Last year's winner, Raphael Zimmermann was also invited to the event as he was on a year abroad in Canada and unable to attend in 2011.

Internal communications review

Staff from across the university are invited to share their views and ideas about how UEA communicates with them.

The first opportunity to take part will be focus groups taking place in January and/or February 2013

The aim is to learn from a range of academic and non-academic staff about their experience of internal communications at UEA, and to explore improvements and new approaches.

The focus groups will provide an important opportunity for staff from both the Norwich and London campuses in a variety of grades and schools/divisions to have their say; all views expressed will remain anonymous.

Vice-Chancellor Prof Edward Acton said: "I am delighted to announce the launch of our review into the university's internal communications.

"The views of colleagues are extremely important because how we communicate internally affects our working lives in many ways. I would therefore urge everyone to consider taking part, to give their honest opinions about current practice and to be bold in suggesting how things might be improved in the future.

"I would also ask managers to be as flexible as possible in allowing colleagues the time to attend the focus groups."

The focus groups are part of a wider review of communications at both the Norwich and London campuses during 2013. Led by the Communications Office in partnership with the Market Research team, it will include an online survey for all staff to take part in, and consultations with students.

Each focus group will last 90 minutes and refreshments will be provided. The sessions will take place in late January and early February.

To express an interest in taking part, email marketresearch@uea.ac.uk giving a name, department/school and staff category (e.g. ATR, ALC, S&C, TC etc). These details will not be shared and will only be used to ensure that staff are included in appropriate groupings.

PGR students also working as staff will not be included in the staff focus groups, and will instead be involved in the student research taking place later in the year.

Getting the best energy deal

ECO research suggests that consumers should be 'nudged' into action in order to get the best energy deals.

The study also found that simplifying the number of energy products on offer does not necessarily help householders get the best deal.

According to the research, consumers are likely to stick to their existing 'default' tariffs, even though they are not the cheapest, because they do not pay enough attention to the task of finding a better deal.

However, a 'smart nudge' policy of automatically switching default tariffs to the best one at regular intervals would address the problem of consumer inattention and inactivity, and achieve better results for consumers while leaving them free to choose an alternative tariff if they wish to.

Reducing the number of tariffs to as few as four in the market – a more drastic reduction than that proposed by the government – was found to improve the results for consumers, but when the problem of customer inattention was taken into account, even such a severe reduction only partially helped.

Energy Secretary Ed Davey said recently that firms would only be able to offer four core tariffs for both gas and electricity as part of government plans to get customers a better deal on energy.

Customers would also be moved on to their best deals automatically, something Prime Minister David Cameron promised in a surprise announcement last year. Industry watchdog Ofgem had also announced plans to force suppliers to tell customers about the cheapest gas and electricity tariffs they have on offer.

Prof Daniel Zizzo, Dr Stefania Sitzia and Jiwei Zheng (all ECO) suggest that the government should consider the feasibility of a smart nudge where consumers would be switched to the best deal at regular intervals unless they choose otherwise. Their smart nudge solution, while coming closest to David Cameron's, is more radical and is likely to create greater competitive pressure between the companies.

The study found a significant proportion of people get a poor deal either because of sticking to their existing 'default' option or because of switching to a bad option. Even with the presence of a search engine to help them, consumers are likely to stick to defaults and achieve worse deals.

Congenital heart defects may have origin in early pregnancy

Research from BIO suggests that the origins of congenital heart defects could be traced right back to the first stages of embryonic development.

Findings published in the journal *PLOS ONE* show that the beginnings of important parts of the heart can be traced to very early stages of embryo development. The research has been funded by the British Heart Foundation.

Biologists investigated chicken eggs at the gastrulation stage - between 12 and 14 hours after fertilisation.

They found that some cells would go on to create the anterior and secondary heart fields - after the initial formation of a primitive linear heart tube.

This method of understanding the correlation between the embryonic origin of cells and later stages of development is called 'fate mapping'.

The addition of these early cells to the growing heart is crucial as it allows the heart to develop and form other important structures including the outflow tract.

The research is the first to 'fate map' the origin of the cells which contribute to the outflow tract in

early stage embryos.

Many cardiac malformations present in newborns are associated with the outflow tract and it is hoped that understanding some of the underlying causes may be helpful to affected families.

Prof Andrea Münsterberg (BIO) said: "We were researching chick embryos, but the process of development in humans is very similar. However while the gastrulation stage takes place within just a few hours in chicks, it takes a little longer in humans and happens in the third week of pregnancy.

"It is likely that what we learn in chick embryos can be applied to human development. The next step in our research will be to identify the factors, which guide these early cardiac progenitor cells to the right place at the correct time."



Prof Münsterberg

Back row L-R: Sophien Kamoun, Dale Sanders, Prof David Richardson, Anna Dugdale, Prof Edward Acton, Prof Phil Gilmartin
Front row L-R: Cyril Zipfel, Greg Wildgoose, Sarah O'Connor and Silke Robatzek



Scientists' multi-million pound awards

Four Norwich Research Park scientists have won highly prestigious awards from the European Research Council totalling almost €6m.

Silke Robatzek and Cyril Zipfel from the Sainsbury Laboratory (TSL), Greg Wildgoose (CHE) and Sarah O'Connor who is a synergy professor with CHE and the John Innes Centre (JIC) were the recipients.

Their success was celebrated in an event hosted by the Vice-Chancellor and attended by: the directors of the TSL and JIC, Sophien Kamoun and Dale Sanders; chief executive of the Norfolk and Norwich University Hospital, Anna Dugdale; pro-vice-chancellor Prof David Richardson; and

dean of science Prof Phil Gilmartin.

The funded work spans research on plant disease resistance, the production of natural products from plants that can be used in a variety of industrial and pharmaceutical applications, and the development of new green chemistries for producing valuable chemical products.

Prof Richardson said: "The awards reflect that the research being carried in these areas by Silke, Cyril, Gregory and Sarah on the Norwich Research Park is leading the field globally."

Author longlisted for creative writing award

A novel by creative writing tutor Anjali Joseph (LDC) has been longlisted for the 2012 Man Asian Literary Prize.

Another Country is the second novel by Joseph, who graduated from the Prose Fiction strand of UEA's Creative Writing MA in 2008, and is currently completing her PhD in Creative and Critical Writing at the university, where she teaches on the undergraduate Creative Writing programme.

Written for her PhD, *Another Country* was published earlier this year by 4th Estate. Joseph was born in Bombay in 1978 and read English at Trinity College, Cambridge before joining UEA. Her debut novel *Saraswati Park* was published in 2010 and won both a Betty Trask Award and the Desmond Elliott Prize in 2011.

It was the co-winner of the 2011 Vodafone Crossword Book Award and was shortlisted for The Hindu Best Fiction Award, the Commonwealth Writers Prize (South Asia and Europe Best First Book) and the Royal Society of Literature Ondaatje Prize.

Joseph was also included in The Daily Telegraph's list of Britain's best 20 novelists under the age of 40. The shortlist for the Man Asian Literary Prize, which is worth \$30,000 will be announced in January, with the winner revealed on March 14.

The announcement follows recent acclaim for fellow UEA graduates Anna Selby and Christie Watson. Selby was named as one of the top 100 most innovative and influential people in the British creative industries, having been listed in the Publishing and Writing category of the h.Club100, jointly sponsored by Time Out magazine and the Hospital Club, alongside



Anjali Joseph

novelist Zadie Smith, Granta editor Ellah Alfrej and Guardian editor Alan Rusbridger.

Selby graduated from the UEA Creative Writing (Poetry) MA in 2005, and last year organised the UK's biggest poetry festival, Poetry Parnassus, while working as the literature and spoken word co-ordinator at the Southbank Centre in London. Next year Salt will publish her debut pamphlet of poetry and she recently joined Writers' Centre Norwich as a programme manager.

Watson has been announced as winner of the Creative category of Red magazine's Red's Hot Women Awards, which celebrate the achievements of women from a range of careers. She graduated from the Prose Fiction MA in 2008 and published her first novel *Tiny Sunbirds*, *Far Away* with Quercus in 2011.

Before joining UEA, where she was the recipient of the Malcolm Bradbury Memorial Bursary, she worked as a paediatric nurse at Great Ormond Street Hospital, a teacher of nursing and as a senior sister. She lives in London and is currently writing her second novel while continuing to work part-time as a resuscitation nurse.

Open Forum sessions

Vice-Chancellor Prof Edward Acton invites all colleagues to one of two Open Forum sessions on current issues from across the university and the sector.

Prof Acton will give a short presentation before inviting questions for further discussion. He will be joined on stage by pro-vice-chancellor (academic) Prof Nigel Norris.

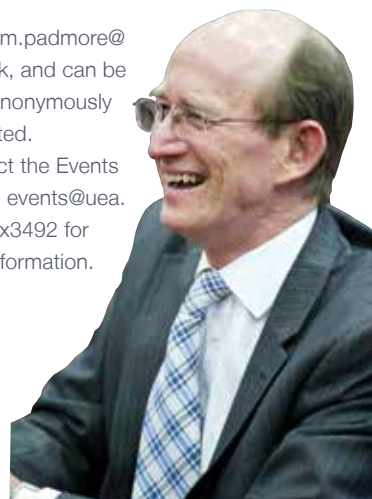
Managers are asked to be as flexible as possible in allowing colleagues the time to attend one of the sessions.

The Open Forum sessions will be held on January 29 at 10am, and January 31 at 4pm, both in LT1.

Questions can be submitted in advance by

emailing m.padmore@uea.ac.uk, and can be treated anonymously if requested.

Contact the Events Office on events@uea.ac.uk or x3492 for further information.



UEA alumni feature in Future50

Several UEA alumni were among the entrepreneurs whose companies have been selected for the 2012 Eastern Daily Press (EDP) Future50 list.

Lambda Films, Fountain Partnership, FXhome, Gnaw Chocolate and Validus IVC have all been named on the list which celebrates local entrepreneurs and their contribution to the local economy, and is now in its fourth year.

Lambda Films was started by FTM graduates Alex Morris and Ryan Stone in 2008. The business, an independent media production company, specialises in video marketing.

Norwich-based SEO, PPC, internet marketing and copywriting agency Fountain Partnership was set up in 2009 by alumni Rebecca Lewis Smith and Marcus Hemsley, who studied drama and philosophy respectively.

Also selected were technology company FXhome, based in Norwich and founded by former student Josh Davies; Gnaw Chocolate, run by graduate Matt Legon; and insurance services provider Validus IVC, whose chief executive Michael Srokowski also studied at UEA.

Former UEA Business Plan competition winner Ben Farrin's free national student magazine The Student Pocket Guide also featured on the list; as did UEA spin-out company Intelligent Fingerprinting, led by UEA Professor of Chemistry David Russell.

Intelligent Fingerprinting has already celebrated success this month after being named the EDP's One to Watch at the EDP's annual Business Awards in November.

Matthew Draycott, enterprise and employability officer, said: "These highly innovative ventures from UEA alumni are evidence not only of the potential of our graduates to create exciting businesses but also of the opportunities offered by the local ecosystem to help businesses start, grow and thrive."

UEA students interested in starting their own enterprise can contact the Student Enterprise and Employability Development (SEED) team to access specialist business knowledge, a network of committed supporters and excellent resources. Funding of between £500 and £3,000 is available. For more information email info.enterprise@uea.ac.uk.

Director has grand plans

Phil Steele joined the Sportspark as director of sport in May 2012.

"On arriving at Sportspark I was keen to take stock of our operations before proposing any changes, as there were a number of areas that needed attending to immediately before I made any long-term decisions.

"I have looked at the systems and methods by which we organise the operations of the building, discovering both systems that may be in need of updating and also elements of excellent practice that we will strive to continue.

"I am also keen to look at the way in which we communicate with our current and prospective users, which come from two main groups: the general public and the wider UEA team (i.e. students and staff). Working hard to be more transparent in our relationships with all users has been a key focus.

"We were guilty in the past of having departments working in isolation from others and lacking a full understanding of the impact decisions might have. With my initial assessments complete we have a list of priorities forming and are beginning to embark on some changes that will, hopefully, have a positive impact on participation overall.

"Early examples include tweaks to the pool programme and new family swim activities (including an inflatable) for the weekends.

"The fitness programme has received a larger degree of attention due to its sparsely populated programme; a doubling of the group exercise programme and full review of our fitness centre programmes will develop over the next few months.

"Many other programme elements are being looked at and further changes will be implemented once we are happy we are making the right decisions.

"I can only reaffirm that the reviews completed so far will look at continuous improvement. If we get things wrong, or need to tweak some of the new approaches, then further changes will be made to ensure we appeal to the widest audience possible – which is, after all, one of the original Sportspark objectives that led to it securing lottery funding almost 15 years ago."



Get fit and have fun in the New Year at the Sportspark



Get involved

The Sportspark is owned and run by the university – but is open to everyone almost every day of the year and prides itself on world-class facilities at affordable prices – with no joining fees.

All user fees are fed back into the centre. This has led to extensive development since it opened in 2000, adding a gymnastics centre, sports halls and many more sports to the original facilities.

Its location on campus means it proves extremely popular with staff and students alike – the convenience of a large sports centre accessible before, during and after work is a big draw.

The Sportspark is now one of the largest sports complexes in Britain and receives around 1.5 million visits a year.



Get signed up

There are three levels of membership available to UEA staff at the Sportspark.

For £2 a month, staff can become Bronze members, giving them unlimited access to the Sportspark, discounts on the charges for activities and advance telephone booking for courts.

Silver membership, for £24 a month, gives unlimited access to the pool and off peak gym access and a free induction, along with all Bronze benefits.

Colleagues opting for the £30 a month Gold membership will benefit from unlimited use of the pool and gym – including extended early morning access, as well as all Silver benefits.

There is no joining fee and no fixed contract for any level of membership.

For more information, and for full details of the options available to both staff and students, visit www.sportspark.co.uk/uea-students-staff-3.

Get active

The Sportspark offers a wide range of courses and classes every day that staff are encouraged to take part in.

Phil Steele said: "Over the past few months we've been working tirelessly to grow and improve our group exercise programme, and we're all set to launch the updated schedule in January.

"Our group exercise offering has doubled in size, and we're now able to offer over 50 different classes. There should be something for everyone to enjoy!"

Classes this year include: aerobics, ante-natal and post-natal aqua, aquafit, body balance, body combat, body toning, pilates, yoga and zumba.

Everyone can also enjoy the benefits of trying out a new sport – or improving their current skills – at a six week course beginning in spring.

Starting on February 25, courses are available throughout the week in areas including archery,

climbing, swimming and trampolining.

And for those over 50, a series of Fitness in Later Life (FILL) classes run at the Sportspark – a programme designed to help people develop a positive healthy and active lifestyle amongst others with a similar interest.



Get competitive



Staff are able to join in two annual competitions at the Sportspark.

The Ziggurat Challenge is designed to promote enjoyable participation in sport – with a side of friendly competition.

Teams of staff and students compete for their school or department in a variety of events including rounders, archery and even orienteering.

Anyone from across Norwich Research Park can join in for free. Sports representatives for each school are listed online at www.sportspark.co.uk, and up-to-date information about the latest challenges can be found at www.sportspark.co.uk/uea-students-staff-3.

A new competition also began this academic year – the Intramural Football Team Challenge. Staff and students from all over the university have come together to form teams that compete in the football challenge for seven weeks.

They are also hoping to extend this into more sports this year so keep an eye out for updates on the Sportspark website.

Each sport will run for a seven-week program and will allow friends and colleagues to band together to try their hand at new sports in a friendly environment.

To get an up to date activity schedule and full details of competition rules and regulations contact Rachel Tomes at r.tomes@uea.ac.uk

History of the Sportspark

In 1971, a number of initial sports facilities were built on campus, including a sports centre on campus and playing fields at Colney Lane.

Demand for the indoor facilities was high, and on his appointment as Director of PE & Sport in 1990 Keith Nicholls prepared a sports development plan to create a new single site sports base off campus on land surrounding the recently built Norfolk County Athletics Track.

Land next to the existing sports centre that was reserved for its expansion was released as a site for the Drama Studio, a hard surface floodlit area to the rear was released as the site for Nelson Court.

Norfolk County Council leased additional land next to the track to provide two artificial turf pitches funded by the university, Sport England and local councils. The university formally leased the track enabling plans for a major new indoor complex, called the Sportspark, to be developed.

An application for funding was made to the Lottery Sports Fund and with the aid of a group of local business and community leaders additional funds were raised to add to the £14.6m Lottery grant awarded in 1997. This was, and still is, the largest grant by the Lottery to any university. The Sportspark was to be available to both the university and the community with user rights enshrined in a Community Use Agreement.

The Sportspark, incorporating a 50m pool, 12 badminton court sports hall, squash courts, climbing wall and specialist activity areas, fitness centre and studios opened in August 2000. On completion this released the old sports centre for conversion to Congregation Hall and its current use for lectures, offices and major university events.

A stipulation of the Lottery funding was that the Sportspark would be run as a separate not-for-profit organisation operating without any university, council or Lottery subsidies and it would reinvest any operating surpluses in extending facilities and services.

Since opening it has invested over £8 million in new facilities. Developments include a five-a-side SoccerPark in September 2007; the Haydn Morris Arena and the Kiff Matheson conference and teaching suite both in 2009; three additional seven-a-side 3G pitches in February 2011; and SPRING gymnastics and trampolining centre in August 2011.



Group exercise studio

Eight-lane athletics track

Badminton and squash courts

11 conference rooms

10m high climbing wall

Floodlit courts

Tennis and netball courts

85-station fitness centre

Martial arts room

Soccerpark

50m Olympic-size pool

Two indoor arenas

Major project to study human language and perception

Psychologists at UEA are part of a major European research programme that aims to help people with dementia, deafness, reading disabilities and other cognitive disorders.

The EU has invested more than €4 million (Euro) in LanPercept, a new four-year Marie Curie Initial Training Network that will develop cutting-edge techniques to study human abilities to map visual information and language.

Prof Kenny Coventry (PSY) will lead two research projects examining how language and perception change during ageing, and how language plays a role in visually attending to everyday events and remembering those events.

Prof Coventry said: “Language and perception are two fundamental human brain systems that furnish us with an understanding of where we are in the world and an ability to communicate about our location. We currently know very little about how these brain systems work together across the lifespan. Early evidence suggests that an ability to express location may be a possible marker of abnormal ageing. This is something we will be exploring in more depth.”

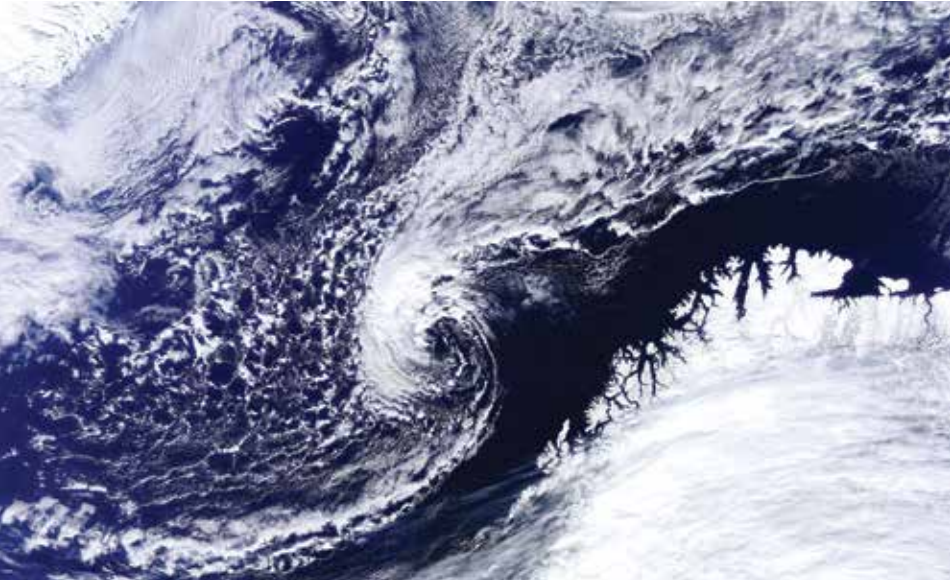
The university is one of eight European universities, and only two UK institutions, involved in the project. The programme will support basic and clinical research and bring together professionals from psychology, neuroscience and linguistics.

The network is to identify key behavioural and brain mechanisms explaining how actions in everyday situations shape language understanding and how language conditions the way the visual environment is perceived.

Knowledge gained will be used to develop testing and training tools and software for clinical work with elderly people suffering from dementia and people with autism spectrum disorders, deafness and reading disabilities.

Funded through the Seventh EU Framework Programme, LanPercept will also train 11 PhD researchers - two of them at UEA - and four postdoctoral researchers across the eight leading academic and seven industrial and private sector partners in Europe. The researchers will do internships with the participating eye-tracking and brain research companies that offer technical tools for vision-language research, and receive training on identifying applications for research outputs, as well as preparation for a professional career outside academia.

Storm (photo: NEODAAS / University of Dundee)



‘Missing’ polar weather systems could impact climate predictions

Intense but small-scale polar storms could make a big difference to climate predictions according to new research from UEA and the University of Massachusetts.

Difficult-to-forecast polar mesoscale storms occur frequently over the polar seas, however they are missing in most climate models.

Research published in *Nature Geoscience* shows that their inclusion could paint a different picture of climate change in years to come.

Polar mesoscale storms are capable of producing hurricane-strength winds which cool the ocean and lead to changes in its circulation.

Prof Ian Renfrew (ENV) said: “These polar lows are typically under 500 km in diameter and over within 24-36 hours. They’re difficult to predict, but we have shown they play an important role in driving large-scale ocean circulation.

“There are hundreds of them a year in the North Atlantic, and dozens of strong ones. They create a lot of stormy weather, strong winds and snowfall – particularly over Norway, Iceland, and Canada, and occasionally over Britain, such as in 2003 when a massive dump of snow brought the M11 to a standstill for 24 hours.

“We have shown that adding polar storms into computer-generated models of the ocean results in significant changes in ocean circulation - including an increase in heat travelling north in the Atlantic Ocean and more overturning in the Sub-polar seas.

“At present, climate models don’t have a high enough resolution to account for these small-scale polar lows.

“As Arctic Sea ice continues to retreat, polar lows are likely to migrate further north, which could have consequences for the ‘thermohaline’ or northward ocean circulation – potentially leading to it weakening.”

He added: “Climate models are always improving, and there is a trade-off between the resolution of the model, the complexity of the model, and the number of simulations you can carry out. Our work suggests we should put some more effort into resolving such storms.”

Honorary graduate nominations

Staff are invited to submit nominations for the award of honorary degrees in July 2014. Everyone is welcome to submit names to the honorary degrees and appointments committee for consideration.

The name of the candidate, brief biographical details and a brief statement in support of the candidate should be submitted, in confidence, to Claire Kreetzer at c.kreetzer@uea.ac.uk by February 8.

Nomination forms are available at www.uea.ac.uk/vco/publications/hondegs.

The nomination process is strictly confidential, and nominees should not be approached or nominations discussed with other people.

Any individual with an outstanding record of achievement, links with the university in general, a school of study or the region may be nominated and the committee will also consider organisations.

Examples of previous honorary graduates can be found at www.uea.ac.uk/mac/comm/media/press/2012/May/honorary-graduates-2012.

Public engagement ambassador appointed

An academic in LDC has been made a public engagement ambassador for engaging the wider community in her work.

Dr BJ Epstein, who was also recently awarded the title of engagement director for LDC, works hard to bring academic work to the general public and show them how research conducted at UEA can impact their lives.

The National Co-ordinating Centre for Public Engagement in Bristol, which runs the ambassador scheme, aims to encourage and support researchers in their engagement work.

Public engagement ambassadors are supported to develop their own understanding and experience of public engagement, act as change agents within their own organisation, and share their expertise and enthusiasm for public

engagement nationally.

Dr Epstein said: “Some of my regular workload when I started at UEA was engagement-related and I found that I enjoyed it tremendously, because I felt I was making a difference and helping to show why what we do in academia is relevant to people outside the university setting.

“I am thrilled that they accepted me as an ambassador, and I’m very grateful to Prof Peter Womack and Prof Lyndsey Stonebridge who supported my application. For me, it means that the work I am doing is being recognised and also that I have a network of people across the UK with whom I can share ideas and get advice from.”

For more information about the scheme, visit www.publicengagement.ac.uk.

Malagasy Rainbow frog (photo: George Sunter)



Century-old map of natural world updated

A zoological world map showing all known mammals, birds and amphibians has been updated for the first time in more than a century - thanks to a University of East Anglia researcher.

Alfred Russel Wallace, considered the “father of biogeography”, published the original version of the map back in 1876. It revolutionised the way people thought about the distribution of life on Earth and became the backbone for our understanding of global biodiversity.

Now Dr Ben Holt, from BIO and the University of Copenhagen, has produced a ‘next generation’ version of Wallace’s pioneering map.

It is the first study to combine evolutionary and geographical information for all known mammals, birds and amphibians - a total of more than 20,000 species.

The map, published in *Science*, reveals the diversity of life on the planet, and will inform conservation work.

Dr Holt, who led the research project, said:

“Our study is a long overdue update of one of the most fundamental maps in natural sciences.

“For the first time since Wallace’s attempt we are finally able to provide a broad description of the natural world based on incredibly detailed information for thousands of vertebrate species.”

The new map is the result of 20 years of data compilation involving 15 international researchers, hundreds of thousands of distribution records for species across the globe, and modern technology such as DNA sequencing.

It highlights the distinctiveness of three broad areas - the Panamanian, Sino-Japanese and Oceanian realms - and expands the total number of realms from Wallace’s original six.

New residential study option for ART students

Students learning about art history at UEA will have a unique opportunity to stay at one of England’s finest stately homes as part of a new collaboration.

ART is working with the Attingham Trust for the Study of Historic Houses and Collections to offer a new module focusing on English country houses and their collections.

It will include a week of intensive residential study based at Houghton Hall in Norfolk, which was built by Britain’s first Prime Minister Sir Robert Walpole and is now the home of the Marquess of Cholmondeley.

Students will be encouraged to explore the house and its contents, and will visit other country houses in the county where they will hear from visiting experts and curators from major London museums such as the V&A.

The module At Close Quarters: The English Country House and its Collections, will be offered to those applying for the History of Art MA, starting in September this year.

As well as the week at Houghton Hall, topics addressed during the semester-long module will include the history of British portraiture, Grand Tour collecting and the taste for Old Master paintings, the history of gardens, and the presentation and display of the country house as a visitor attraction.

The week at Houghton will be led by the Dr Andrew Moore, director of the internationally-renowned Attingham Trust Summer School. The Attingham Trust has been running residential trips to English country houses for people who are already curators around the world since 1952. Now, for the first time, someone who has yet to enter the profession but is keen to do so can not only have this intensive experience, and under expert guidance, but can also use it towards a postgraduate degree qualification.

Prof Bronwen Wilson, head of the School of Art History and World Art Studies, said: “This is a new and exciting collaboration that no other art department in the UK is able to offer its students. It is an unrivalled opportunity for graduates to immerse themselves in studying English country houses and their collections in depth and in situ and will allow them to experience something of ‘the Attingham experience’.”

The School and the Trust have agreed to fund four £1,000 scholarships towards the cost of the fees for students enrolled on At Close Quarters. All accommodation, meals, transport and entry fees for the residential week are included.

Funding available for PhDs

The university is offering a large number of PhD studentships across all four faculties.

These cover full course fees and a maintenance payment of up to £13,590 (2013/14 rate still to be confirmed).

More than 33 scholarships to study in HUM are available including subjects such as creative writing, languages, literature, philosophy and history.

Seven of these are funded by the Arts and Humanities Research Council, while 26 are offered by the university itself.

Meanwhile SFF is offering more than 25 grants covering business and management, economics, law, education and lifelong learning, international development studies, social work and psychology.

Applications are also invited for a number of project-specific PhD studentships in FMH and SCI.

The deadline for HUM and SSF is February 18. SCI and FMH deadlines vary according to the individual project and candidates are advised to check specific closing dates at www.uea.ac.uk/study/postgraduate/finance.

For more information about all postgraduate research courses, email pgr.enquiries.admiss@uea.ac.uk or phone 01603 591709.

NBS careers event

Careers & Employability and NBS staff have organised an 'informal' careers fair at the UEA London campus.

NBS students were bussed down from Norwich and were joined by NBS students already based at UEA London.

The event last semester was managed by Antony Cotterill, NBS careers adviser and Lisa-Rose Moller, careers and business development officer.

Students were given an interactive session on networking, delivered by student enterprise and employability officer Matthew Draycott.

They were also introduced to the employers that were attending, including representatives from Santander, Chartered Institute of Management Accountants and Quartic training.

The event concluded with an alumni panel answering questions about their careers.

Amit Chaudhuri wins £30,000 literary prize



UEA professor and acclaimed author Amit Chaudhuri (LDC) has won the inaugural 2012 Infosys Prize for outstanding contribution to the Humanities in Literary Studies.

The Infosys Science Foundation in India first awarded the prizes in 2008 and this year they recognise literary studies for the first time. Prof Chaudhuri teaches on the MA in Creative Writing at UEA, and will be launching an international creative writing programme in India next spring with an eight-day course for 24 students.

The jury for the £30,000 award includes Nobel Laureate Amartya Sen, Harvard professor Homi Bhabha, Columbia professors Akeel Bilgrami and Sheldon Pollock, and Leila Seth, India's first

female high court chief justice.

Prof Chaudhuri said: "This is a great honour, especially having come from a jury of such unique and incomparable scholars and writers. Could I have hoped for a better jury? I don't think so; and this is what makes the prize so special. The other notable thing is how the prize recognises literary studies in India, where I think it is far less central than it should be, to the cost of our intellectual life. That Infosys is doing this is very important, and that this is its first honour of its kind makes it doubly satisfying."

Prof Chaudhuri is the author of numerous works, including five novels, most recently *The Immortals* (2010), a book of short stories, a book of poems, a critical study of DH Lawrence's poetry, and the collection of essays *Clearing Space: Reflections on India, Literature and Culture* (2008). Among the awards he has won for his fiction are the Commonwealth Writers Prize, a Betty Trask award, the Encore Prize, the Los Angeles Times Book Prize for Fiction, and the Government of India's Sahitya Akademi award.

The Infosys Science Foundation announced the seven winners of the Infosys Prize 2012 for their outstanding research contributions across six categories: Engineering & Computer Science, Humanities, Life Sciences, Mathematics, Physical Sciences, and Social Sciences.

Now in its fourth year, the Infosys Prize ranks among the highest monetary awards in India that recognize excellence in science, mathematics and humanities.

High-profile visitors for SRU art project

The Fijian Prime Minister visited the Sainsbury Research Unit's Fijian Art project last semester.

The AHRC-funded Fijian Art research project is run by the Sainsbury Research Unit in collaboration with Cambridge University's Museum of Archaeology and Anthropology (MAA).

The Fiji High Commissioner to London, Mr Solo Mara, arranged a visit of Fiji Prime Minister Commodore Voreqe Bainimarama to MAA in Cambridge to view the extensive Fiji collections there.

This followed a visit earlier by Fiji President Ratu Epeli Nailatikau to MAA, who returned the compliment to the Fijian Art project team during a visit to Government House in Fiji in September.

Prof Steven Hooper, SRU Director and Principal Investigator on the project, said that strong support was expressed by these prestigious

Fiji High Commissioner Solo Mara with President of Fiji Ratu Epeli Nailatikau



visitors for the work of the Fijian Art project in documenting and researching Fiji's heritage, and in working in partnership with the National Museum of Fiji.

For further information about the Fijian Art project, visit www.fijianart.sru.uea.ac.uk.



First evidence of ocean acidification affecting live marine creatures

The shells of marine snails – known as pteropods – living in the seas around Antarctica are being dissolved by ocean acidification according to ENV researchers.

These tiny animals are a valuable food source for fish and birds and play an important role in the oceanic carbon cycle - the method by which carbon is absorbed and released by the ocean.

Researchers from ENV and the British Antarctic Survey (BAS), in collaboration with colleagues from the US Woods Hole Oceanographic Institution and the National Oceanic and Atmospheric Administration (NOAA), discovered severe dissolution of the shells of living pteropods in Southern Ocean waters during a science cruise in 2008.

The team examined an area of upwelling, where winds cause cold water to be pushed upwards from the deep to the surface of the ocean. Upwelled water is usually more corrosive to a particular type of calcium carbonate (aragonite) that pteropods use to build their shells. The team found that as a result of the additional influence of ocean acidification, this corrosive water severely dissolved the shells of pteropods.

Ocean acidification is caused by the uptake of carbon dioxide from the atmosphere emitted as a result of fossil fuel burning. A number of laboratory experiments have demonstrated the potential effect of ocean acidification on marine organisms.

However, to date, there has been little evidence of such impacts occurring to live specimens in their natural environment. The finding supports predictions that the impact of ocean acidification on marine ecosystems and food webs may be significant.

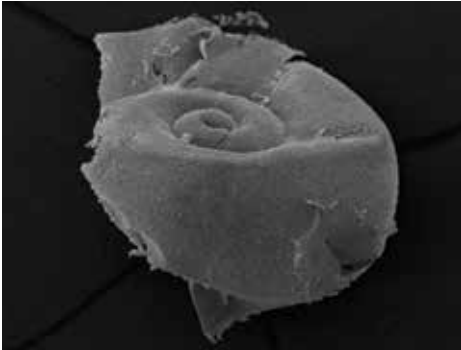
Co-author Dr Dorothee Bakker (ENV) said: "Climate models project a continued intensification in Southern Ocean winds throughout the 21st century if atmospheric carbon dioxide continues to increase. In turn, this will increase wind-driven

upwelling and potentially make instances of deep water – which is under-saturated in aragonite – penetrating into the upper ocean more frequent. Current predictions are for the 'saturation horizon' for aragonite to reach the upper surface layers of the Southern Ocean by 2050 in winter and by 2100 year round."

Lead author, Dr Nina Bednaršek, formerly of BAS and UEA, and now of the National Oceanic and Atmospheric Administration (NOAA) said: "We know that the seawater becomes more corrosive to aragonite shells below a certain depth – called the 'saturation horizon' – which occurs at around 1000m depth.

"However, at one of our sampling sites, we discovered that this point was reached at 200m depth, through a combination of natural upwelling and ocean acidification. Marine snails – pteropods – live in this top layer of the ocean. The corrosive properties of the water caused shells of live animals to be severely dissolved and this demonstrates how vulnerable pteropods are. Ocean acidification, resulting from the addition of human-induced carbon dioxide, contributed to this dissolution."

Sea snail (photo: Nina Bednaršek and Bernard Léze)



Design support for projects

Three UEA projects have successfully applied for the Design Council's Design Leadership Programme.

The programme is designed to support technology projects and spin-out companies, as well as start-ups. It particularly focuses on projects that harness science and technology-based knowledge to achieve impact.

The three UEA projects chosen to participate are: a high throughput device for measuring nitrate, led by Andrew Gates (BIO); an economic evaluation tool developed by Richard Fordham (MED) and Scott Grandison (CMP); and Simon Hammond's (PSY) internet-based life story service.

Participants will receive help from an adviser at the programme, who will show them how to use design-led innovation tools, and explore how valuable new design methods can support the implementation of the projects.

Dr Georgina Pope, commercialisation manager in REN, said: "We are very excited about working with the Design Council. This is a great opportunity for the further development of these projects."

Book of the year

A book on Ealing Studios edited by two FTM academics has been named as one of the best of 2012 by The Independent.

Ealing Revisited offers a new look at the films and history of Ealing studios, one of Britain's most influential studios and best known for producing comedies such as *The Lavender Hill Mob* (1951), *Kind Hearts and Coronets* (1949) and *The Ladykillers* (1955).

Published by BFI/Palgrave Macmillan, the book is edited by Dr Melanie Williams and Dr Keith Johnston, Mark Duguid (BFI) and Lee Freeman (University of Hull).

The book draws together some of the leading experts on Ealing and British cinema to explore its history. The series of essays, including contributions from Dr Williams and Dr Johnston, shows there is more to the studios than the comedies it is most famous for and considers the impact Ealing has had on British cultural life from the 1930s to the present.

Naming *Ealing Revisited* as one of the Books of the Year 2012 in the cinema category, The Independent's Christopher Fowler said the book emphasises the studio's writers, designers, politics and social conscience to "intriguing effect" and described it as an "intriguing and enlightening collection".

Small Ads

TO LET: Period cottage in Suffolk village, c.50 minutes from UEA, 10 minutes from coast at Southwold, Walberswick, near Minsmere. Tastefully refurbished, woodburning stove, rural outlook, garden with summer house, sleeps three, two bedrooms. Available until March, £150 per week. Contact Kate on 01603 508134 (evenings).

TO RENT: One-bedroom maisonette flat in desirable Colgate area. Fully furnished. Recent modern refurbishment. Very quiet and central. Would suit staff or mature student. Available to rent from Jan 2013. Contact Hugo on 07825 048250 or hugo.davison@yahoo.co.uk.

ROOMS TO RENT: Two double rooms available in Cringleford on a flexible short/medium term basis, 20 minutes walk from the university. Would suit visiting academics or postgraduates. £300 each per month including bills. Contact Dr. Julian Wright on 07803 727726 or julian.wright@environment-agency.gov.uk.

FOR SALE: House on Devonshire Street, near to Norwich city centre at £149, 950. Details from <http://www.gilsonbailey.co.uk>: Well-presented modern mid terrace with accommodation including hall, cloakroom, quality fitted kitchen plus 15' 4" x 14' 7" lounge/dining room. There are three bedrooms and well-appointed bathroom off landing. A driveway provides off-road parking to the front and to the rear you will find a low-maintenance secluded partly walled patio garden. Contact Tracey Brown - tracey.j.brown@uea.ac.uk.

TO LET: Three bedroom house in barn conversion at Colney in group of seven properties. Walking distance from university. Newly renovated, with three bedrooms, bathroom, new kitchen, including fridge-freezer, washing machine, large lounge, downstairs cloakroom/toilet, conservatory. Small patio garden to rear plus small garden at front. Large garage, plus additional parking. Unfurnished. £850 pcm. Tel: 01603 456048

The Race2Recovery Team with Debbie (far right)



Dakar Rally challenge for UEA academic

A lecturer from AHP has started the new year by helping a team of injured soldiers compete in a gruelling 8,000 mile race across South America.

Debbie Harrison, an occupational therapist, is providing round-the-clock coverage of the Race2Recovery team's progress in the Dakar Rally which started in early January.

She is collating information and updates about the team's progress throughout the 15-day trek from her Norfolk home, keeping the world up to date via social media.

Race2Recovery's team of veterans are racing with the help of Debbie's husband Dave Reeve, who has joined local injured soldier Andrew Taylor in the support vehicle during to rally.

Debbie said: "This was a great cause for me to get involved in, because it interests me professionally as well as personally.

"As an occupational therapist, I am keen to see people rebuild their lives and gain a new sense of identity through participation in activities that they love.

"During the race I'm involved in a massive

collation task, monitoring social media and providing updates to the team's thousands of loyal followers. I'm working closely with the PR teams for our sponsors including Land Rover and The Royal Foundation.

"This is such a wonderful opportunity to increase awareness and inspire people with disabilities. We also hope to raise as much money as possible for Help for Heroes to be directed to the personnel recovery centre, Tedworth House – we want to reach at least a £1million!"

The Dakar Rally continues until January 20.

The route takes participants across thousands of miles of tough terrain, beginning in Lima, Peru and finishing in Santiago, Chile.

For more information about the team, visit www.race2recovery.com. The team's progress can be followed at www.twitter.com/race2recovery, www.youtube.com/race2recovery, or by searching for 'Race2Recovery' on Facebook.

Research group's prize-winning paper

Academics from ENV's newest research group 3S (Science, Society and Sustainability) have won a prize for their paper on the role of the Transition Towns network in the shift to more sustainable energy systems.

The British Sociological Association's Climate Change Study Group awarded the paper joint-second prize in its 2012 competition for the best article addressing any aspect of the sociology of climate change that had been published in a peer-reviewed journal between 2010 and 2012.

Dr Gill Seyfang and Dr Alex Haxeltine's (both ENV) paper entitled 'Growing Grassroots Innovations: exploring the role of community-based social movements for sustainable energy transitions' was published in *Environment and*

Planning C, where it also received the accolade of 'editor's choice' for the best paper in the issue.

The paper makes two important contributions to understanding how civil society can help to respond to climate change. The first is through presenting results from the first national survey of the UK Transition Towns movement, which aims to galvanise grassroots activism to reduce oil dependency. The second is by applying innovation theory to investigate the movement's potential to diffuse and expand its influence and reach into wider society.

Dr Seyfang said: "Our paper makes important progress towards a better appreciation of the scope of this sector to address climate change."

Books

Women and Turkish cinema

The rise of feminism and its relationship with Turkish cinema following the country's military coup is explored in a new book by an academic in FTM.

In *Women and Turkish Cinema: Gender Politics, Cultural Identity and Representation*, Dr Eylem Atakav - who was born in Turkey a few months before the coup in 1980 - argues that the enforced depoliticisation that followed was actually responsible for the rise of the feminist movement and uniting feminism and film in the subsequent years.

Dr Atakav's parents were heavily involved with leftist political activism until the military intervention of September 12 1980. What followed was a period of immense change during which there were no political parties and democracy was temporarily suspended.

As a result, Turkish cinema went through a period of change in the 1980s, with overtly political or social realist films being censored, banned or destroyed. In their attempt to avoid the 'political', filmmakers chose to focus on women, and this happened in parallel to the emergence of the women's movement.

Dr Atakav said:

"In the repressive and depoliticised atmosphere of the post-coup period, the first social movement that emerged and articulated its demands was the women's movement. It was also the first democratic opposition to the military regime.

"In the 1980s women were, for the first time, raising their own independent voices through campaigns, festivals, demonstrations, publications of journals and the formation of consciousness-raising groups. In the films of the 1980s there was an increased tendency to focus on the individual, on women's issues and lives, in order to avoid the overtly political. The entrance of sophisticated characters and a focus on the individual informed the shift in representations of women in cinema."



Science communication for all

Two academics from MED and BIO have joined forces to produce a book about communicating science.

Science communication is a rapidly expanding area and helps with engaging the public in

scientific matters.

Dr Laura Bowater (MED) and Dr Kay Yeomans (BIO) have written *Science Communication: A Practical Guide for Scientists* for people at all stages of their career, including undergraduates and postgraduates.

The book presents a short history of science communication before offering ideas, inspiration and practical advice for the design and delivery of activities and events that will help communicate scientific ideas.

Sociolinguistic Typology

In a new book, Prof Peter Trudgill (LCS) argues that human societies at different times and places may produce different kinds of language, and considers the influence of different language contact scenarios on linguistic structures.

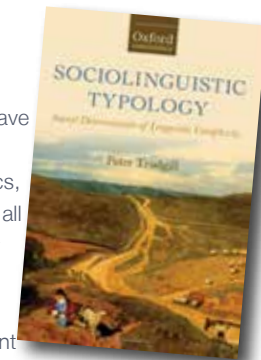
The main theme of *Sociolinguistic Typology: Social Determinants of Linguistic Complexity* is that, while isolation and long-term co-territorial contact can lead to a language being more complex, contact situations involving large numbers of adult second-language learners are likely to lead to increased simplicity.

As a result the typological spread of the world's languages today is probably strikingly unrepresentative of the situation throughout

nearly all of human history.

The book's ideas have implications for long-held views in linguistics, such as the view that all languages are equally complex, and the view that processes operative in the present should be used to explain the past.

It also highlights the urgent need for documentation of endangered languages spoken by shrinking close-knit societies around the world.



Blame, responsibility and demand for change

Concerns about governmental failure to act effectively and fairly in the aftermath of extreme weather events can affect how much residents are willing to protect themselves – according to new research from the Tyndall Centre.

The research, published in the journal *Nature Climate Change*, was led by the University of Exeter in collaboration with the National University of Ireland Maynooth and the Tyndall Centre for Climate Change Research at UEA, which also provided funding for the study.

The findings could prove key to establishing how society should evolve to cope with more turbulent weather and more frequent mega storms.

The team examined attitudes in Cumbria in north west England and Galway in western Ireland, which were both hit by heavy flooding in November 2009. Record rainfall was recorded in both countries, resulting in a number of deaths, properties being severely damaged and economic disruption.

Researchers surveyed 356 residents in both areas eight months after the flooding. They measured perceptions of governments' performances in dealing with the aftermath, as well as perceptions of fairness in that response and the willingness of individuals to take action.

Dr Irene Lorenzoni of the Tyndall Centre and ENV, said: "Residents in Galway were significantly more likely to believe that their property would be flooded again than those in Cumbria. Yet it was Cumbrians who believed they had more personal responsibility to adapt to reduce future incidents.

"Whether people felt responses were fair also diverged. In our survey in Cumbria three quarters of respondents agreed that everyone in their community had received prompt help following the flooding, while in Galway it was less than half."

Economic conference

A mini-conference on 'The conceptual structure of mathematical economics' will be held on campus on February 14-15.

The conference is being held to stimulate a debate around the use of mathematics in economic modelling.

Experts in philosophy of economics including Dr Anna Alexandrova (Cambridge) and Prof Roger Backhouse (Birmingham) will speak over the two days.

For more information, or to attend, email Dr Stefania Sitzia (ECO) at s.sitzia@uea.ac.uk.

Benjamin Britten centenary celebrations

2013 marks the 100th anniversary of the birth of East Anglia's best known composer (and co-founder of MUS) Benjamin Britten. UEA will be celebrating Britten's centenary in the coming months, with a series of concerts and events showcasing his music.

UEA Symphony Orchestra and Choir - with soloists Lisa Cassidy (soprano), Diana Moore (alto) and Andrew O'Brien (tenor) - will perform Britten's magnificent *Spring Symphony* on February 21 at St Andrew's Hall. Programmed alongside the Britten work will be *Mendelssohn's Piano Concerto No 1 in G minor*, performed by pianist and MUS Masters student Simon Ireson.

Holly Maples (LDC) will direct an innovative new production of TH White's novel *The Sword in the Stone*, with accompanying incidental music (which Britten originally wrote for the 1939 BBC radio adaptation of the novel) performed by Chamber Orchestra Anglia. The production will take place in the UEA Drama Studio on March 7 and 8.

MUS will also host a two-day symposium on March 8 and 9. The keynote speaker will be Prof Arnold Whittall and areas covered will include Britten the performer and Britten and his legacy.

Tickets for the *Spring Symphony* concert and *The Sword in the Stone* are available from UEA Box Office 01603 508050, www.ueaticketbookings.co.uk. Registrations forms for the Britten symposium are available at www.uea.ac.uk/mus/musicevents/event-calendar/britten-symposium.

For further information about the UEA Britten centenary events, visit www.uea.ac.uk/mus/musicevents, email musicevents@uea.ac.uk or follow @UEAConcerts on Twitter.

ResNet talks

Members of ResNet were treated to a talk on the seeming cultural contradiction represented by the female soldier in cinema and television in December.

Prof Yvonne Tasker (FTM) explored the representation of military nursing as a key area of women's involvement in the services.

The 2013 programme of talks begins on February 8 with a Mindfulness workshop with Kathleen Madigan, followed on March 8 with a celebration of International Womens' Day

ResNet talks and workshops start at 12.30 and are followed by a networking lunch. Places can be booked by emailing s.payne@uea.ac.uk or ringing 01603 593269.



South Asian focus for new collaboration

In a new collaboration, UEA will work with the South Asian Decorative Arts and Crafts Collection (SADACC) Trust to increase public activities and educational opportunities.

It is expected that the Trust's affiliation with the Sainsbury Institute for Art (SIfA) will lead to the development of a South Asian centre and museum, along similar lines to the Sainsbury Institute for the Study of Japanese Arts and Cultures, which is part of SIfA.

The collection, currently containing approximately 4,000 items, is housed in a restored Victorian skating rink in Norwich. The Trust was established in 2010 by Philip and Jeannie Millward, who set up the retail business Country & Eastern, selling traditional decorative furnishings from countries extending from Turkey to East of Java, more than 30 years ago.

The collection is a result of their many journeys through South Asia since the 1970s, together with purchases from auction houses and other sources in the UK.

The SADACC Trust aims to conserve and promote interest in the arts, crafts and culture of South Asia, and neighbouring regions such as Afghanistan, Burma, Thailand and Indonesia, particularly in light of the decline of many of the traditional crafts of these areas due to rapid globalisation.

Over the last two years the SADACC Trust has developed study and library facilities at the site on Bethel Street, along with a new exhibition gallery adjacent to the main hall area. To date, these developments have been funded by Country & Eastern, and the retail business will continue unchanged.

Under the new collaboration, it is planned to upgrade support facilities for public and academic events held in the building and SIfA and SADACC will join forces to stage rotating exhibitions based on the collection. Associated research and educational activities are also planned.

A recent assessment of the collection by UEA found that its emphasis on furniture and architectural items indigenous to South Asia makes it unique in the UK.

Chairman of SIfA, Prof John Mack, said: "We are delighted at UEA that such generous local patrons have so willingly encouraged an expansion in the range of activities and educational opportunities in the city and to our students at the university. The work we have been doing together over the past years shows what potential a relationship such as this can realise."

Postgraduate open day

UEA will be holding an open day on January 23 to highlight postgraduate study opportunities and the wide range of scholarships available for courses starting in September.

The open day will give potential students the chance to find out more about postgraduate taught and research study opportunities, including professional studies such as teaching, medicine and law.

Other courses on offer are designed to deepen existing subject knowledge or enable

conversion to a different subject area.

The university also offers a number of short-course professional development opportunities, and many courses offer both full-time and part-time options.

The open day takes place on January 23 from 2-5pm and 5-8pm.

To see the programme of events or to register for the open day visit www.uea.ac.uk/pgopenday.