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Prison Architecture
Remembering the Holodomor
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New Life for Old College**



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**GOOD
UNIVERSITY
GUIDE
2018**

**UNIVERSITY
OF THE YEAR
FOR TEACHING
QUALITY**

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WELCOME

Welcome to the latest edition of PROM with our usual mix of news and information from Aber. As the new editor, I hope you enjoy reading the edition and, as ever, I look forward to hearing your feedback and suggestions.

We were sorry to say farewell to colleague and former editor Alumni Relations Manager Louise Perkins in 2017 but delighted to remain in close touch with her as she continues her very active role as Old Students' Association Honorary Secretary. Louise will be a familiar name to many alumni, having worked in the team for nineteen years, helping to grow our alumni community around the world and welcoming many alumni back to Aber for reunions.

Tributes have been paid to Louise by the University, the OSA and wider alumni network who are all very grateful for her contribution and for her careful and entertaining editorship of PROM.

If you would like to contact Louise personally, then please contact the team at development@aber.ac.uk and we will pass the message on.

Editor

Cover photo: Image of a fly's eye by award-winning macro photographer and alumnus Frank Prior

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Keep up to date with regular alumni news from Aberystwyth University by updating your current email address and contact preferences on www.aber.ac.uk/updatedetails, following us on Twitter or our groups on Facebook and LinkedIn. See www.aber.ac.uk/alumni for links.



PROM 26 | The Magazine of Aberystwyth University

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I am delighted to be writing for the first time in PROM as the Vice-Chancellor of Aberystwyth University. Since I took up my post, I have had the opportunity to meet many of our alumni and have been impressed not only by the support shown for Aber but your ambitions for the future success of the institution. Thank you all for the warm welcome – a welcome which is just one of the many wonderful things I have discovered about Aber life since arriving here in April 2017.

Our mission and values as a University will be renewed and refreshed in our 2018-2023 Strategic Plan, which will take us past our 150th anniversary in 2022. These are interesting times for the higher education sector as we face a range of pressures and challenges, and further define Aberystwyth's position in an increasingly competitive environment. The New Year has heralded further changes. After a full ten year term of office, Sir Emyr Jones Parry has stepped down as Chancellor and Chair of Council. We also bid farewell in 2017 to Council Treasurer Dr Tim Brain and to Pro Chancellor Glyn Rowlands, and in April 2018, Elizabeth France's term of office as Pro Chancellor draws to a close. We are extremely grateful to them all for their dedication and commitment to this University, and we wish them well in future. We welcome in Sir Emyr's place Dr Emyr Roberts as Chair of Council and Lord Thomas of Cwmgiedd as Chancellor. Lord Thomas delivers his first lecture as Chancellor of the University in Aberystwyth on 22 March 2018, entitled *Justice in Wales - the task of the Commission*. If you are in Aberystwyth on this date, we would be delighted if you could join us.

In my role as Vice-Chancellor, I want to elevate further the status of Aberystwyth University as an institution which carries out world-class research. I have been impressed by the depth and breadth of the work here – for example, the practical application of plant breeding solutions for the benefit of farmers at home and abroad; the work of our climate change scientists who venture in extreme conditions to the Arctic, Antarctica and the Himalayas; our research on rural health care, or the 'Made in Aber' instruments which will form an

TOWARDS THE NEXT 150 YEARS

integral part of the ExoMars mission in 2020. We will continue to champion innovative and impactful research, which makes a real difference to communities here in Wales and the wider world.

Our ambitious plans to transform Old College will be a showcase for research like this, alongside the University's other treasures. The announcement in July that the Heritage Lottery Fund had earmarked funding of £10.5m for the project was warmly welcomed. We are now involved in the fine detail of the proposals to breathe new life into this much-loved Gothic building on the seafront and scoping ways of raising the additional matching funding of £10.5m. Your ideas would be welcome as we lay the foundations for a public appeal. You can read more about our plans for Old College in Dr Rhodri Llwyd Morgan's article on pages 26-27.

Another of our buildings now earmarked for refurbishment is Pantycelyn Hall of Residence. Some of you reading this column may have fond memories of living in 'Panty', which has been providing student accommodation since the 1950s and a home for Welsh-speaking students since 1973. Our aim is to re-open the hall in September 2019 with ensuite bedrooms as well as contemporary public spaces for students and the local community alike. It will be a real asset to the University, to the local community and to wider Wales.

I was delighted to attend the National Eisteddfod last year and to see our alumni come together for a catch-up on the *maes* at Aber's annual reunion. There was much cause for celebration as former students scooped some of the Eisteddfod's main awards – the Crown, the Drama Medal, the Blue Riband and the Chair. In a joyful coincidence, the Chair won by Aber alumnus Osian Rhys Jones had also been created by one of our Fine Art alumni, Rhodri Owen. Nurturing talent and future success is without doubt our *raison d'être*.

November was a month of reflection and remembrance. In sombre mood on the eleventh, members of our Old Students' Association and current Students' Union gathered in Old College to remember our students, staff and all those who died in conflict. On 23 November 2017, we also marked the 85th anniversary of Ukraine's Great Famine or Holodomor of 1932-33. Beneath the plaque in his memory in the Quad of

Old College, we paid tribute to one of our alumni who became the first to report on the mass starvation among Ukraine's farming communities. As you find out more about the short but impressive life of Gareth Jones in Dr Jenny Mathers' article on page 17, I'm sure you'll agree that his courage, conviction and curiosity are qualities which exemplify all that is good about Aber.

We are fortunate as a University to have such a highly engaged and vibrant alumni network. In congratulating the Old Students' Association on their 125th anniversary, may I also thank them for their continued support and guidance. Particular thanks are due to Steve Lawrence who has led the OSA for the past three years and I am enjoying working with his successor John Frampton as President. I'm also delighted that Lauren Marks, who was President of the Students' Union when I joined the University, has taken on the role of Vice-President of the OSA and will cement further the growing links between our alumni, our current students and recent graduates.

These links will be strengthened again as we bring our alumni together to celebrate the centenaries of the Department of Geography & Earth Sciences and the School of Art in 2018; and the Welsh Plant Breeding Station (now part of IBERS) and Department of International Politics in 2019.

It is in the nature of a forward-thinking institution to embrace change and to harness its energy as a force for good. Along with staff and the local community, the views of alumni have helped shape our plans to further develop the Aber brand for the future and will continue to do so. My aim in the coming months is to complete the work already in progress to place the University on a stronger and more sustainable footing. From there, and working together as a team, we can ensure the continued success of this respected and much-loved institution for the next 150 years.

“ We are fortunate as a University to have such a highly engaged and vibrant alumni network. ”

Professor Elizabeth Treasure, Vice-Chancellor

A DECADE IN THE CHAIR

At the end of December 2017, Sir Emyr Jones Parry stepped down as Chair of Council and Chancellor of Aberystwyth University after a ten-year tenure. Here, the former UK Permanent Representative to the United Nations reflects on his decade at Aber and how he came to take on the dual leadership role.

As a child in the 1950s, I spent my summer holidays in New Quay where 'Nain' (my grandmother) lived. There would be the occasional trip up the coastal road to Aberystwyth too, for a breezy walk along the prom and an ice cream if we were lucky. The family had owned Fferm y Neuadd in Llwyndafydd. My grandmother's sister became the first of our family to go to university, heading to Bangor to study physics and graduating in 1903. It was more than 60 years before the next member of our family went to university, when I set off just after my 17th birthday to read theoretical physics at Cardiff University before going on to do a PhD at Cambridge.

Many years later, in 2001, I was asked to be the Foreign Secretary's representative on the advisory board for the Woodrow Wilson Chair in International Politics at Aberystwyth University. Another couple of years down the line, I chaired a seminar for the University in the Foreign and Commonwealth Office in Whitehall. I then delivered a lecture on the United Nations at the Department of International Politics in Aberystwyth. The Aber bonds were getting stronger.

I was in Aberystwyth again in 2006 for two very special occasions - firstly, to open the new International Politics building with the then First Minister of Wales, the late Rhodri Morgan; and secondly, to be conferred an Honorary Fellow of the University. What I didn't know was that I would also get a tap on the shoulder from Professor Noel Lloyd (then Vice-Chancellor) and University Treasurer Richard Morgan. They invited me out to "see the view" and in the course of our chat, to take on the role of President, an honour with which came

the role of chair of the University Council - and this is where the real work is done and the responsibility lies. It was an offer I couldn't refuse. I understood only too well the importance of Aberystwyth as the first University College in Wales and its immeasurable contribution to the educational, cultural and political life of our nation.

The aim of this University is to equip our graduates with skills for life. That means giving them the ability to think critically, to act independently, to process and analyse information, to debate, question and challenge. It was the American scholar Skinner who said that education is what survives when what has been learned has been forgotten (and that's certainly true for me when it comes to quantum physics). What also comes with an education is a responsibility to give something back and that's why I've always taken my duties here very seriously.

There have been major changes in higher education since I took up my role as Chancellor and Chair of Council. The year in which I started saw the introduction of tuition fees of up to £3,000. That figure is now £9,000 in Wales and higher again in England. At my final graduation ceremony in July 2017, I apologised on behalf of my generation to the students who stood proudly in front of me in their caps and gowns; those who had to pay tuition fees where we had not; who faced the prospect of repaying huge loans, and who had broadly wished the United Kingdom to remain in the European Union. There are other challenges ahead of today's graduates as they seek good jobs in an increasingly competitive marketplace.



As a higher education institution, we operate in a much more challenging environment today than we did ten years ago. There is intense competition for students across the sector; the demographic pool of 18-year-olds is decreasing; costs are rising, and Brexit is taking us into uncharted territory. But despite increasingly tough conditions, I am confident that we have strong foundations for a sustainable, competitive university in Aberystwyth for many years to come. Aber is back where it should be in the league tables. We've been named the UK's University of the Year for Teaching Quality by *The Times / Sunday Times Good University Guide 2018*, and we're among the top universities in the UK for overall student satisfaction. Our employability rates have improved significantly. We know where we're going as an institution and our destination is clear.

My lasting legacy, I hope, is that I have helped Aberystwyth to navigate necessary change in response to substantial challenges, both internal and external. There was a danger that we were becoming too comfortable. Working together, we have transformed the way this institution works. There are no hiding places. We must all contribute equally and we have to invest in the future. My academic colleagues have responded well to a transformation in the demands made of them. The decision at the last Council meeting to agree a funding package for Pantycelyn is further evidence of our commitment to invest in future generations and in the case of this particular hall of residence, to invest in the Welsh language and culture which is core to our mission.

Our civic mission is as integral to our values as a University

as our duty to teach and to undertake research. That means we have a responsibility to make a contribution to the community in which we are located. For those who study here, there are in fact three different communities – the department, the university, and the wider community around them, which includes the town and surrounding areas, and beyond. It is a combination of these communities which helps make Aberystwyth so special and which commands the love and loyalty of generations of alumni.

There is no doubt in my mind that it is the people I met during my time here whom I will miss most and who have made the greatest impression on me – in particular, of course, the students who are the *raison d'être* of the University. I won't miss the long journey from Cambridge to Ceredigion (which I have made more than 160 times since 2007) but I will miss the University and the stunning geography and topography of what I call God's country, with the circling red kites a sure sign of a very special part of the world.

I now embark on another chapter in my life. I will continue as President of the Learned Society of Wales and as a member of the Welsh Government's Brexit Group. I also hope to be able to watch Swansea City more regularly. It hasn't always been easy but I have always strived to perform the dual role of Chair and latterly of Chancellor to the best of my abilities. I wish my successors well in the future as I hand over the reins and bid farewell to an institution that is taking positive steps to ensure that Aberystwyth will remain for generations to come as a beacon of sustainable and internationally competitive educational excellence in Ceredigion.



LEAGUE TABLE CLIMB CONTINUES

Aberystwyth University has been named University of the Year for Teaching Quality in *The Times and Sunday Times Good University Guide 2018*, published in September 2017. It is the first time a university in Wales has been awarded the prestigious accolade. For student experience, the Guide places Aberystwyth University in the top ten in the UK and first in Wales, up 11 places on 2017.

The latest results build on Aberystwyth's continued league table success over the past year.

In August 2017, Aberystwyth celebrated being rated the best in Wales and one of the top five higher education institutions in the UK for overall student satisfaction in the *National Student Survey (NSS)*. The results show that overall satisfaction amongst students at Aberystwyth University stands at 91% - seven percentage points higher than the average UK figure of 84%.

In the 2018 edition of *The Guardian University Guide*, Aberystwyth climbs 27 places and is the top climber in Wales

and second highest climber in the UK. Across the UK overall, Aberystwyth is third for satisfaction with courses, seventh for satisfaction with feedback and eleventh for satisfaction with teaching.

Aber was highest climber in Wales and third biggest climber in the UK according to *The Complete University Guide* published in April 2017.

At the 2017 *WhatUni Student Choice Awards*, Aber was voted one of the top ten universities in the UK and also picked up a Silver Award for best International University. Aberystwyth was also shortlisted in Accommodation, Courses & Lecturers, and Postgraduate categories.

Aberystwyth is also one of the top 100 universities in the world for the study of Agriculture and Geography according to the latest *QS World University Rankings by Subject* published in March 2017. Four subject areas at Aberystwyth are described as being amongst the "World Elite".

EDUCATION SECRETARY ATTENDS SUMMER UNIVERSITY GRADUATION CEREMONY

Kirsty Williams AM, Welsh Government Cabinet Secretary for Education, was guest of honour at the Aberystwyth Summer University Graduation Ceremony on 25 August 2017.

Aberystwyth's flagship Summer University programme is aimed at widening access to higher education.

The 2017 cohort comprised 91 young people from all over Wales and the ceremony was an opportunity to congratulate and celebrate their hard work and achievements.

Dr Debra Croft, Director of Equality and Manager of Aberystwyth University's Centre for Widening Participation, Equality and Social Inclusion which organises the Summer University, explains: "The strength of the Aberystwyth Summer University is that it mirrors university life as realistically as possible. The students have a full six weeks in which to immerse themselves in university life, adjusting to being away from home, to the combined pressures of academic work and deadlines, sports and activities. They have a choice of three from 27 academic modules, and complete three core and life skills modules as well. We are immensely proud of everyone who does the course and those who then go on to follow an undergraduate degree programme. This year seven of the students went on to start at Aberystwyth in September."

Kirsty Williams AM, Welsh Government Cabinet Secretary for Education, who gave the opening address and presented the



Kirsty Williams AM, Welsh Government Cabinet Secretary for Education with Aberystwyth Summer University Students

graduating students with their certificates, said: "A large number of bright young people face numerous barriers in obtaining a college degree, whether because of the cost, having a disability or long term illness or even not having the confidence to apply to a University because there is no family experience of higher education. Aberystwyth Summer University helps young people overcome these barriers by preparing them for higher education and student life and exploring their potential through learning new skills and studying new subjects."

POSTHUMOUS DEGREES AWARDED

The University awarded two posthumous degrees at its graduation ceremonies on 20 July 2017.

Caitriona Rós Lucas was awarded a posthumous BSc in Information and Library Studies and Emily Price a posthumous BSc in Mathematics and Physics.

Caitriona Lucas

Caitriona, 41, was from Ballyvaughan in County Clare in Ireland and began her BSc in Information and Library Studies in June 2015.

She studied by distance learning whilst also bringing up a family, working as a librarian for Clare County Council, and volunteering for the Search and Rescue Dog Association. She also completed over 700 hours every year as a volunteer with the Doolin Coastguard in Ireland.

Caitriona died during a search and rescue mission with the coastguard



Left to right: Vice-Chancellor Professor Elizabeth Treasure, Caitriona's husband Bernard and son Ben, and Pro Chancellor Elizabeth France.

service after the lifeboat capsized in rough seas.

Speaking during the morning ceremony, Professor Judy Broady-Preston, Director of the Institute of Professional Development, said: "Caitriona Rós Lucas died on 12 September 2016 whilst on active service as a volunteer with the Irish coastguard during a search for a missing man. Caitriona joined the service in 2006 and served with her husband Bernard who joins us today, together with her son Ben.

"An excellent and popular student, Caitriona was due to complete her degree in 2017. Aber students and staff remember her lively personality, energy, enthusiasm and professional commitment. Today, we celebrate her life and achievements."

Emily Price

Originally from Huntingdon, Cambridgeshire, Emily came to Aberystwyth in 2014 to study Maths and Physics.

In May 2017 aged 22, Emily was elected onto Aberystwyth Town Council as a Liberal Democrat member but died only days after the election following a short illness.

Emily had submitted her dissertation a few days prior to the election and it was her intention to continue with her studies at Masters level.

During her time as a student she was a member of the Physics Society,



Left to right: Emily's father John, sister Katie and mother Natasha with Vice-Chancellor Professor Elizabeth Treasure and Pro Chancellor Glyn Rowlands.

the ultra frisbee team and worked as a student ambassador.

She also undertook outreach work, teaching physics and maths to children in the Aberystwyth area.

Speaking at the afternoon ceremony, Professor Simon Cox, Head of the Department of Mathematics, said: "Staff and fellow students were shocked to hear about Emily's tragic death on 12 May. Emily contributed fully to the life of both the maths and physics departments, sharing her love for the subjects with visitors to the University and with school children."

"She had made Aberystwyth her home, and had recently been elected as a Liberal Democrat town councillor. With her quiet smile and enthusiasm, she will be fondly remembered and greatly missed by us all."

Emily's family is involved in discussions with the University about setting up a bursary in her memory.

LAW PROFESSOR ELECTED VICE PRESIDENT OF EUROPEAN HUMAN RIGHTS BODY

Professor Ryszard Piotrowicz of Aberystwyth Law School has been elected as Vice President of GRETA, the Council of Europe's Group of Experts on Action against Trafficking in Human Beings.

One of the major human rights bodies of the Council of Europe, GRETA monitors how European states meet their obligations to protect the rights of trafficked people and their efforts to prosecute people traffickers.

Professor Piotrowicz was first elected to GRETA in 2012 and served a four-

year term, before being re-elected for a second term in November 2016.

He was elected by his peers to serve as Vice President at the 28th meeting of GRETA held in Strasbourg in March 2017. He will serve for a term of two years.

Professor Piotrowicz took up a chair in law at Aberystwyth in 1999 and has also taught international law at the Universities of Glasgow and Durham. He is an Alexander-von-Humboldt Fellow and has been a visiting professor of international law in several countries.



A specialist in migration law and international humanitarian law, he is currently working mostly on legal issues arising out of trafficking in human beings, and has advised international organisations, national governments and non-governmental organisations on these matters.



TAKING A FLY'S EYE VIEW ON SLEEPING SICKNESS CONTROL

Words by Dr Roger Santer

A tsetse fly with its abdomen swollen after a blood meal. Image credit: Oregon State University [CC BY-SA 2.0 (creativecommons.org/licenses/by-sa/2.0/)], via Flickr.

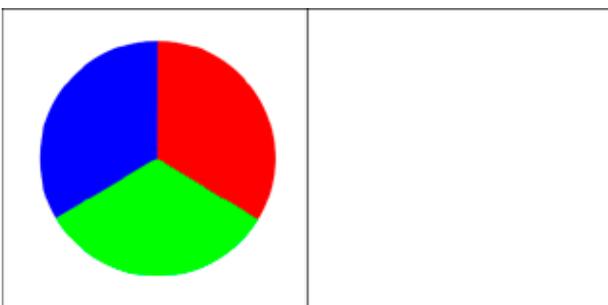
Scientist and Zoology lecturer, Dr Roger Santer, is looking through the eyes of a tsetse fly in order to ascertain how they see colour. The research will inform the effective trapping of these blood-feeding insects and help to control the spread of a deadly tropical disease.

Colours are as much created by nervous systems as they are physical properties of the world. This means that many animals perceive colour differently to humans, making their perception and use of colour a fascinating area for scientific research. But unravelling the mysteries of how animals see colour is of much more than just academic interest - it can be useful in the fight against disease by helping us to create more efficient coloured traps for disease vectors such as tsetse flies.

For humans, the visible wavelengths of light span from a little under 400nm to about 700nm, and these wavelengths correspond to a spectrum of colour sensations ranging from violet to red. To visualise this spectrum, think of a rainbow. But to understand how those colour sensations actually come about, we also need to think about the light-detecting machinery in the human eye.

In the retina are two principal kinds of photoreceptor: the rods and cones. The rods are much more sensitive than the cones and can operate under dim light, but they do not contribute to colour vision – this is why our night vision is essentially greyscale. The cones, meanwhile, only operate under much brighter light conditions and it is their responses that provide the basis for colour sensations. In humans there are three kinds of cone cell, each sensitive to light in a different region of the visible spectrum. These are often called the blue, green, and red cones (though abnormalities in the green or red cones are reasonably common, resulting in red-green colour blindness). Rather than detecting the exact spectrum of wavelengths entering the eye, our nervous systems generate colour sensations simply by comparing the relative responses of our three types of cone cell. We can easily demonstrate this with a little experiment. First, focus your eyes on the centre of the coloured circle below for about 30 seconds. Then focus your eyes on the centre of the blank white square to the right...

Hopefully you saw a ‘phantom’, differently coloured circle that slowly faded with time. What happens here is that as you



“ ...red rags really don’t stand out strongly to a bull’s eye view! ”

stare at the first circle, a different one of your cone cell types is strongly excited in the part of your retina looking at each coloured segment of the circle - the blue cones are excited by the blue segment, the green cones by the green segment, and the red cones by the red segment. Consequently, that cone type gets ‘tired out’ by the constant stimulation, and is briefly unable to respond to light as a result (we call this adaptation). This means that when you move your eyes to look at the blank white square, within the area of your retina that viewed each original coloured segment there are two cone types that have not been excited and are raring to go, and one that is still tired out and cannot be excited. As a result, you perceive a colour that is not really there because of the difference in excitation across those three cone types. For example, viewing the blue segment tires out your blue

cones in that part of your retina, so when you divert your attention to the white area, only the green and red cones are able to become excited. When only those two cone types are excited, our brains interpret that as yellow.

So, colour sensations clearly depend on the light-detecting photoreceptors in our eyes, but what you might not realise is that the light-detecting machinery in the human eye is different to that

possessed by many other animals. If those animals have a different complement of photoreceptor types, they must also have different perceptions of colour. For example, lots of primates have three cone types like we do, but most other mammals only have two because they only have a single type of photoreceptor sensitive to longer wavelengths of light - they do not have separate green and red cone types. So, despite the common saying, red rags really don’t stand out strongly to a bull’s eye view!



Red rags to bulls. Like many mammals, bulls do not have separate green and red-sensitive

photoreceptors. So although red stands out strongly to the human eye (left), it cannot to the bull’s eye view (right). Original image by José Luis Sánchez Mesa (Own work) [CC BY 2.0 (creativecommons.org/licenses/by/2.0)], via Flickr. The image to the right has been modified by averaging the green and red colour channels, simulating the lack of separate green and red cones.

The eyes of insects differ further still from our own. For example, bees have three photoreceptor types, but these are sensitive to UV, blue, and green light; and the humble housefly has five main kinds of photoreceptor spanning UV, blue, and green regions of the spectrum.

But why should we care about the colour vision of flies? Well, the tsetse flies of sub-Saharan Africa are blood-feeding flies that can inflict a nasty bite. These bites also transmit the parasitic micro-organisms that cause sleeping sickness in humans, and a similar disease called nagana in cattle. Sleeping sickness is fatal if not properly treated, and because there are no vaccines or prophylaxes to prevent infection, controlling tsetse is an important part of controlling the disease. For the species of tsetse that transmit the majority of sleeping sickness, colours are the main attractant used to lure them towards control devices.

Tsetse control devices are constructed from coloured fabrics. These include traps and simple insecticide-impregnated targets. In each case, the coloured fabric attracts tsetse to the device,

where they are either caught or dosed with insecticide when they land upon it. Decades of entomological field research identified phthalogen blue-dyed cotton as an extremely attractive fabric to tsetse flies, and therefore the best one from which to make traps and targets. However, modern polyester fabrics are lighter, more robust in the field, and carry insecticide more effectively, so they have superseded cotton as the material of choice for tsetse control devices. Unfortunately, phthalogen blue dye cannot be applied to polyester, so alternative blue dyes have to be used. But here's the catch: field trials comparing the attractiveness of phthalogen blue-dyed cotton and various blue polyesters have shown that the former attracts up to twice as many tsetse as the latter.

The key to understanding this problem is to realise that what appears blue to the

human eye is irrelevant to the tsetse because it perceives colour using a completely different complement of photoreceptors. Luckily, fly photoreceptors have been so extensively studied that it is possible to calculate how they would respond to the spectrum of light reflected from a fabric sample - essentially, we can use mathematics to take the fly's eye view of the fabrics used to attract them.

Applying these methods to extensive measurements of tsetse attraction to differently coloured fabrics from previous field studies has allowed us to model how each of a tsetse's five main types of photoreceptor likely contributes to attraction. Essentially, we have created

...we can use mathematics to take the fly's eye view...

models that explain the visually guided behaviour of tsetse using the visual information that is actually available to the fly's nervous system. This analysis also suggests important differences in the way that some blue polyesters and phthalogen blue cottons appear to tsetse.

Building on this work, we're now going a step further. Because our models tell us which photoreceptor signals increase attraction, and which decrease it, we are now developing polyester fabrics that excite the fly photoreceptors even more effectively. In this way, we hope to create highly attractive polyester fabrics that can increase the attraction of tsetse to control devices, and thus improve the effectiveness of tsetse control.

This work has real potential to improve the health and wellbeing of poor, rural communities in sub-Saharan Africa by providing more efficient devices for the control of tsetse flies and prevention of sleeping sickness. Sometimes intriguing scientific questions can lead to unexpected but important applications! ▣



Farmers in southern Ethiopia set up a trap for tsetse flies. Image credit: Peter Rickwood/International Atomic Energy Agency [CC BY-SA 2.0 (creativecommons.org/licenses/by-sa/2.0/)], via Flickr.



Roger Santer is a lecturer in zoology at IBERS, joining in 2010. Following his PhD in invertebrate neuroethology at Newcastle University, he held research positions at Newcastle University (2003-2006), and the University of Nebraska-Lincoln (2006-2008), and a lectureship in biology at the University of Limerick (2008-2010). Roger's interest is in animal behaviour and the neural mechanisms that underlie it. His current research is on visually-guided behaviour, mainly conducted in insects and arachnids using a range of electrophysiological, behavioural, and computational techniques.

INVENTERPRIZE

A concept driverless delivery vehicle developed by a team of Aberystwyth University students and a former student received a £10,000 boost after winning InvEnterPrize 2017.

InvEnterPrize, the University's student business idea competition, is funded by the Aber Fund and judged by a panel of the University business alumni.

Kar-go, the winning idea in InvEnterPrize 2017, is the brainchild of students Ariel Ladegaard and Aparajit Narayan, and former student Pasi William Sachiti.

Ariel and Pasi were presented with a cheque for £10,000 by *The Apprentice* winner and founder of Ridiculously Rich, Alana Spencer, after InvEnterPrize judges backed their concept on 27 March 2017.

Billed as "perfect for deliveries in residential areas", Kar-go uses a combination of advanced robotics and driverless vehicle technology. Its aim is to significantly reduce "last-mile delivery costs".

Kar-go was one of six finalists to be considered by the 2017 InvEnterPrize panel which consisted of successful Aberystwyth alumni from academia, industry and banking.

Panel chairman Professor Donald Davies, Emeritus Professor in Toxicology at Imperial College London, Founding Director of ML Laboratories plc, and Honorary Fellow of Aber, said: "Congratulations to everyone who has been involved with InvEnterPrize 2107. Enabling students to develop business ideas and concepts during their time at university is so important and InvEnterPrize offers them an excellent vehicle for doing this. Furthermore, all this has been made possible thanks to



The Apprentice winner Alana Spencer with InvEnterPrize winners Ariel Ladegaard and Pasi William Sachiti.

the financial support of our alumni, without whose support InvEnterPrize would not happen."

Director of Development and Alumni Relations at Aberystwyth University, Louise Jagger said: "Congratulations to everyone who has made InvEnterPrize 2017 such a success, and in particular to Kar-Go for their concept and winning the backing of the judges. Support of this kind can mean so much to someone with a great idea who needs financial support and guidance to get it off the ground. We are very grateful to the alumni who continue to give so generously towards the Aber Fund which funds the prize money, and to the alumni and supporters for giving time to be on the judging panel."

The InvEnterPrize 2018 competition was launched in November 2017. Entrants will be able to seek expert advice and attend a series of workshops and presentations led by successful entrepreneurs as they develop their final bids, gaining valuable advice on the way. A short list of finalists will be invited to present their business propositions to the panel of judges in a *Dragon's Den* style event on Monday 19 March 2018.

INTERPOL ACADEMIC APPOINTED UK UNESCO VICE-CHAIR

Professor Colin McInnes, a leading expert on global health and international relations, has been appointed Vice-Chair of the United Kingdom National Commission (UKNC) for UNESCO.



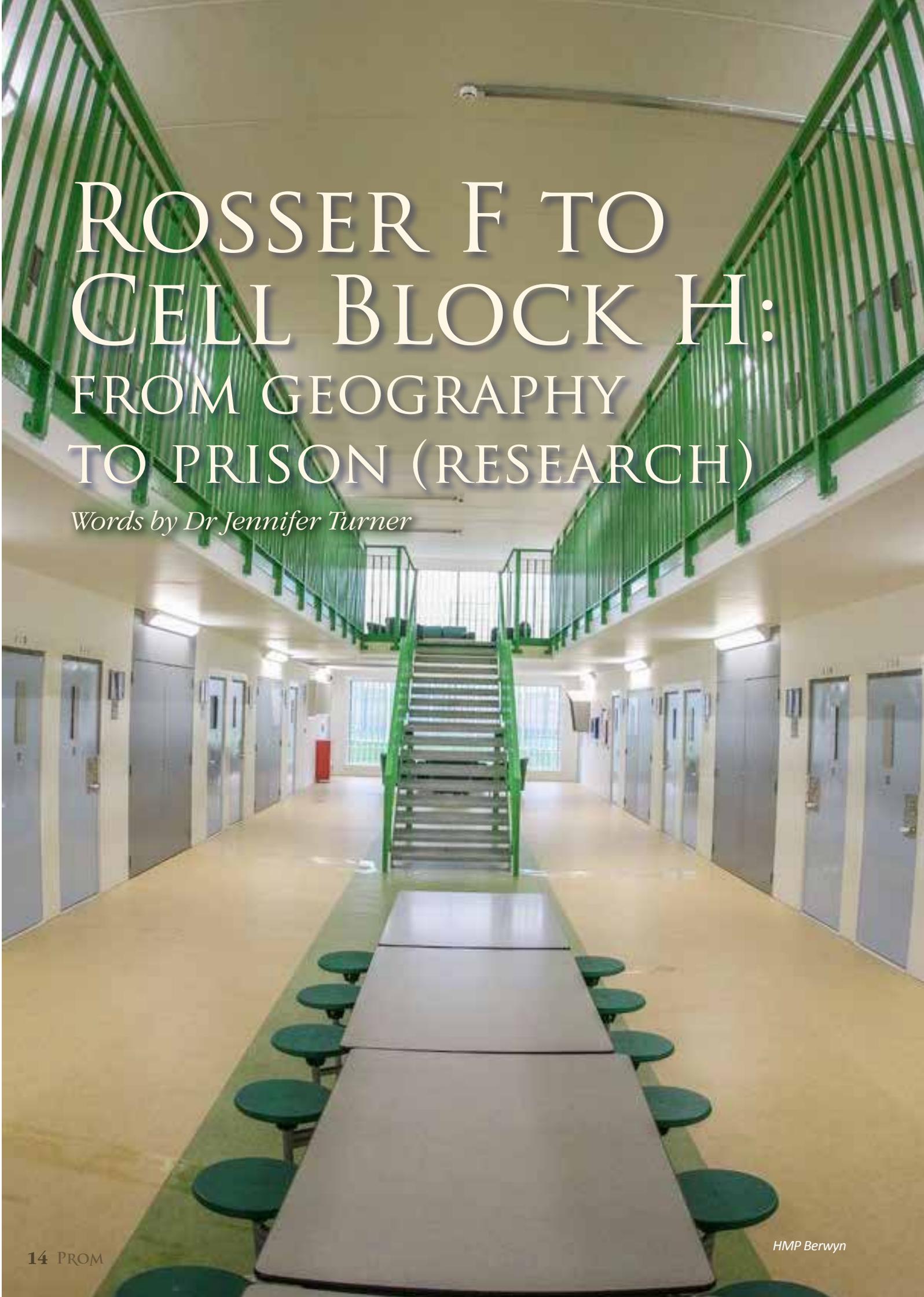
UNESCO is the United Nations' body responsible for standard setting and promotion of education, science, culture and communications.

Professor McInnes said: "It is a great honour and privilege to be appointed to this position. UNESCO does not simply set global standards across education, the sciences, culture and communication, promoting excellence and working to preserve what is best; its key mission is to promote peace in the minds of people everywhere."

The UKNC is an independent civil society organisation, and the focal point in the UK for UNESCO-related policies and activities.

Professor McInnes has served as a Non-Executive Director of the UKNC with special responsibility for the social and human sciences since 2014.

He currently holds the UNESCO Chair in HIV/AIDS, Health Security and Education in Africa at Aberystwyth University's Department of International Politics, where he is also Director of the Centre for Health and International Relations.



ROSSER F TO CELL BLOCK H: FROM GEOGRAPHY TO PRISON (RESEARCH)

Words by Dr Jennifer Turner

On 28 February 2017, just 83 miles away from Aberystwyth University, in Wrexham, North Wales the largest prison in England and Wales opened its doors to its very first prisoners.

I eagerly awaited this news sitting in my office as a Lecturer in the Department of Geography and Planning at the University of Liverpool, almost 12 years after taking my first steps as a Geography undergraduate student at Aberystwyth University.

It was at Aberystwyth where I first gained an interest in these much hidden, yet pervasive institutions that are central to society. My BA degree in Geography introduced me to the processes that shape our spatial experience: the formation of territories, mobility, exclusion, practices of power and resistance (the list could go on). Ultimately, my geography education taught me that the world is full of borders and boundaries ripe for discovery and interrogation. Within a discipline whose name translates as 'earth writing', I found myself a unique space on this earth to write about, which became the core focus for my MA, PhD and continuing research in Geography: the prison boundary.

It is easy to consider prison as somehow distinct and separate from society. We might imagine the prison as a closed-off world that houses a group of individuals that law-abiding society do not see, do not hear from, and have no cause to interact with. After all, prisons are the places that we deliberately send people convicted by the courts to serve their sentences: 'locking them up' and 'away' from the rest of 'law-abiding' society.

Yet, many academics from a variety of different disciplines have considered that the boundary between prison and society is not a hard and fast one.

Prisons have come to be seen as having a central function to the running of society, for example, they are linked to economies (particularly in countries such as the US where jobs are created around facilities located in rural areas with little other industry) or central to the political governance of a state (by helping to maintain law and order).

A multitude of things cross the prison boundary; from contraband, visitors, employees to other everyday items or

practices such as food, clothing, news, friendships or even allegiance to a particular football team.

In this way, the prison boundary could be considered as much more blurred than we might first imagine.

My recent work, published in a book entitled *The Prison Boundary: Between Society and Carceral Space* (Palgrave Macmillan, 2016), notes that although these economic and political facets of the prison boundary have been widely recognised, there is still work to do to interrogate the more cultural components of this border. I discussed this in a recent conversation about the book, which featured on the BBC Radio 4 programme *Thinking Allowed*, opening up discussion about how prisoners are generally positioned as 'outsiders' in contemporary society (through being denied voting rights, for example), but often participate in cross-boundary activities such as working on day-release in charity-shops or Citizens Advice Bureaus; or competing in the Koestler Awards for a chance to exhibit work in gallery spaces such as the Royal Festival Hall.

But where is my work heading next? The design and construction of new prisons is essential to explore when attempting to make sense of contemporary relations between society and prison. Prison design is often bound up with a whole host of complex considerations such as finance and job creation; logistics, town planning and environmental management; as well as public appetite and political manifestos.

Certainly in the UK, the penal estate has been subject to significant changes in recent years as a response to rising prisoner numbers and demands upon the public purse. In the austerity following the 2008 global financial crisis, the UK coalition government embarked on a modernisation of the penal estate in England and Wales through a 'new for old' policy that entailed the closure of 13 prisons. In their place, the Ministry of Justice has since constructed a number of new facilities including HMP Thameside in London, HMP Oakwood in Wolverhampton and – most recently – HMP Berwyn in North



Dr Jennifer Turner is a Lecturer in Human Geography at the University of Liverpool. Her research is concerned with spaces, practices and representations of incarceration, past and present. Prior to her current employment, Jennifer undertook several research- and teaching-related roles following the successful completion of her BA in Geography, MA in Space, Place and Politics and PhD at Aberystwyth University.

Wales. This is where the site of a former tyre factory has put Wrexham on the map in custodial circles, offering the largest number of bed spaces in any institution in the UK.

In an ESRC-funded project conducted with Professor Yvonne Jewkes (University of Brighton) and Dr Dominique Moran (University of Birmingham), we have focused upon recently-built prisons such as Berwyn, to consider how architecture, design and technology impact the lived experience for prisoners and prison staff. The project has employed methods such as spatial mapping, photo elicitation, and – something unprecedented in the carceral environment – walked interviews with prisoners, in a comparative study of custodial facilities in the UK and Scandinavia.

In doing so, I have been able to interrogate experiences of the most ‘innovative’ prisons, which exhibit design features such as horizontal (instead of vertical) bars; domestic rather than ‘unbreakable’ or ‘vandal-proof’ materials; therapeutic green spaces, and in-cell tablet-based technologies.

I have also had the opportunity to visit the world’s most pioneering prisons, from the likes of Halden Prison in Norway, described as the ‘most humane prison in the world’ and HMP/YOI Grampian, Scotland’s first ‘community-facing’ prison designed to house all categories, all ages and both sexes on the same site.

Furthermore, drawing evidence from the extensive project findings, this research has facilitated consultancy contributions to both new-build prison designs (such as at HMP Berwyn and those currently at the blueprint stage) and renovations within existing prisons. As a geographer, these are exciting opportunities and demonstrate how the discipline relates to ‘real world’ issues.

Studying geography has given me a unique position and perspective for examining prison environments and how they relate to wider society, which, together with colleagues in architecture, criminology and sociology, adds much to the changing landscape of custody throughout the world.

My prison research began in Aberystwyth and it has taken me all around the globe, from Norway to New Zealand. Although I might not have predicted it, I am delighted to have travelled full-circle, back to Wales, to continue my geographical education. 📍



HMP Berwyn

REMEMBERING THE HOLODOMOR AND ALUMNUS GARETH JONES

Words by Dr Jenny Mathers

On the fourth Saturday of November each year, Ukrainians around the world solemnly mark the anniversary of a terrible loss: a man-made famine that took the lives of millions of Ukrainian men, women and children. Known as Holodomor (“killing by starvation”), it was the result of Stalin’s policy of the forced collectivisation of agriculture.

The official story put out by the Soviet regime was that large collective farms would be created to make agriculture more productive by joining together tiny plots of land inefficiently farmed by households and introducing tractors and other modern equipment. The resulting increase in the supply of food would be used to feed the rapidly-growing urban workforce that was transforming the country through a crash programme of industrialisation.

But collectivisation also served a political purpose. It was Moscow’s means of gaining a tighter control over the countryside and eliminating what the Communist Party regarded as the last bastion of resistance to its rule: cunning peasant farmers who were concealing excess food production from the Communists and using it to enrich themselves.

The process of breaking up individual farms was carried out with shocking ruthlessness and involved the confiscation of land, livestock and food. This ruthlessness was particularly evident in Ukraine, where there was strong resistance to collectivisation. Ukraine’s combination of fertile agricultural land and people with a fiercely independent attitude shaped by a distinctive culture, history and language, gave Moscow additional reasons for targeting the region, with tragic results.

Aberystwyth University has a special connection with Holodomor: one of the first Western journalists to reveal the truth to the world about what was happening in Ukraine was a young Welshman named Gareth Jones who had studied in Aberystwyth.

Gareth Jones was born in Barry in 1905 and gained a First Class degree in French from Aberystwyth in 1926 before going on to take a further First Class degree in French, German and Russian from Trinity College, Cambridge in 1929. In 1930 he was appointed as a foreign affairs adviser to former British Prime Minister David Lloyd George and in the early 1930s made several trips to the Soviet Union, most notably spending three weeks in March 1933 walking through the areas most devastated by the famine.

The articles Gareth Jones wrote about the starvation in Ukraine were published in *The Western Mail*, *The Manchester Guardian* and *The New York Times*. He was almost unique



Andriy Marchenko, Minister-Counsellor at the Ukrainian Embassy in London (second from right), Professor Elizabeth Treasure, Vice-Chancellor of Aberystwyth (centre) and Gwenda Sippings, Vice-President Old Students’ Association (third from right), at the wreath laying ceremony in memory of former Aberystwyth University student Gareth Jones who exposed the Ukraine famine of 1932-33

among Western journalists, both in having witnessed the human costs of collectivisation and in having the courage to contradict the Soviet government. There was a great deal of enthusiasm at that time in the West for the Soviet experiment with socialism but while his reports were met with scepticism by some, they are also reported to have inspired George Orwell to write *Animal Farm*.

On 23 November 2017, a delegation from the Ukrainian embassy to the UK placed a wreath beneath the plaque that honours Gareth Jones in the Old College. Minister-Counsellor Andriy Marchenko, who led the delegation, spoke movingly to assembled staff and students about the devastation of Holodomor and about the respect that Ukrainians have for Gareth Jones for the part that he played in alerting the world to the extent of suffering inflicted on their countrymen by Stalin’s regime. A nephew of Gareth Jones, Nigel Colley who sadly passed away recently, was present at the ceremony, read extracts from his uncle’s writing and described a project underway to make a feature film based on his life.

The notebooks that Gareth Jones used to record the details of what he saw and heard in famine-stricken Ukraine are preserved in the National Library of Wales and can be viewed by appointment.



UCW Literary and Debating Society 1923-24, Gareth Jones is middle far right.

A portrait of Charmian Gooch, a woman with long blonde hair, wearing a blue long-sleeved top. She is sitting at a wooden table with her hands clasped in front of her. To her right is a large, reflective, metallic sphere. The background is a blurred office setting.

CHARMIAN GOOCH

CO-FOUNDER AND
DIRECTOR OF GLOBAL WITNESS

Interviewed by John Gilbey

Charmian Gooch is a co-founder and director of Global Witness, a campaigning non-governmental organisation which has been fighting corruption, human rights abuse and environmental issues worldwide since 1992. In 2014 she won the TED Prize, for herself and Global Witness, and the Skoll Social Entrepreneurship Award alongside the other two co-founders. She has also been named on Bloomberg Markets' 50 Most Influential list and became an Honorary Fellow of Aberystwyth University in 2016.

A glass-walled office block on the eastern fringes of the City of London may seem an unusual place to find an environmental campaign group, but all was not as it seemed. As I sipped strong, fresh coffee and recovered from the vertiginous ride to the seventh floor – the lifts are also glass-walled – the contrast of standard corporate furnishings with old wooden refectory tables and deep sofas struck an oddly Google-like note. This was an organisation working within the system but not part of it, the office space an end-of-lease bargain being subtly altered to match the culture of the organisation.

Charmian Gooch, one of three founders and a director of Global Witness, walked me into a meeting room with a dramatic view of the City skyline. An Aberystwyth history graduate, and since 2016 an Honorary Fellow of the University, I asked what led her to choose Aber.

“I was really interested in doing art history, and it had a really good art department. At that point I was looking to use art history to really inspire people about their history. It became very clear to me though, during that first year, that it was about the history rather than the art for me. My essays tended not to be about the particular painting in question, but about why the artist had painted the picture, what was happening politically in the country – why and how images were being used.

“I was very inspired by John Berger’s book *Ways of Seeing* - but also at Aberystwyth there were some fabulous history professors, and I was lucky enough to find them. I got more and more focused in on the history, so I ended up choosing History going forward.

“The great thing about the Aberystwyth course was that you could explore with it, and the historiography course was just wonderful. Understanding how much the study of history has changed through the centuries, and how it is about where you stood. There were no absolutes. How different people had used history, had manipulated history, why they were writing history... was really inspiring. I’m glad I did history, but I wish I could have done about five other subjects!”

Charmian has some very positive memories of her time as an Aberystwyth student.

“It was a really friendly university, it had a great library – a really great place to work, great resources – and it had the National Library, it was amazing. I just liked to roam the bookshelves, and pick out at random books of interest – and that is where my interest in Cambodia started, which led ultimately all the way through to Global Witness. Francois Ponchaud, a French priest, wrote a book *Cambodia: Year Zero* about the takeover in April 1975 by the Khmer Rouge - and what happened. I was meant to be writing an essay, and I think I just sat on the floor and read that book.”

History can be regarded, Charmian continued, as a series of lessons-learned.

“For me, it was how much the present is informed by the past, and how you can’t really understand the present unless you understand the past – I found that really very powerful. You can go anywhere if the evidence data is there – it is up to you to find it, and look at it really appraisingly and ask ‘what is it really telling me?’ And then using very detailed resources to build a picture. It’s a bit like a magic carpet, you can go anywhere but you have to actually find the information – you have to stand up the assertions or the view you are taking. This is really what Global Witness does, and is

“...you can’t really understand the present unless you understand the past.”

what we have been about here. We use detailed case studies to create long term significant change, and it is about looking at an issue with fresh eyes and really analysing it.”

The sudden death of her mother while Charmian was at Aberystwyth, and the support she received from her lecturers, made a deep impression on her.

“I knew that Aberystwyth wasn’t some enormous widget factory... I spent an awful lot of time staring out of the windows of Cwrt Mawr, at the top of the campus, trying to work out what was the point of everything. In the end I decided that I just wanted to do something useful with my life.”

How did she turn that decision into a practical direction?

“Completely by accident! My plan, and you know the foolhardiness of youth, was that the environmental groups of the time were fine but they were preaching to the converted. So I decided that I was going to work in public relations, learn PR ‘expertise’, and take that into the Green sector.”

It didn’t quite work out that way. She had a job offer from a big PR agency, but took a 50% pay cut to take a short term post with the Environmental Investigation Agency (EIA).

“It went from there. Right place, right time... I was very, very lucky. I was there for five or six years, which is where I met the two other co-founders of Global Witness. As a history graduate, I was asked to look at the international trade in ivory and see what I thought – with seemingly no qualifications for it. I could see that it was absolutely wide open to abuse, there was laundering, it was full of loopholes - and the practice of assessing information, finding information, helped a lot.”

Global Witness emerged out of a desire for the EIA to broaden the scope of campaigning to include more aspects of corrupt practice.

“They very sensibly wanted to stay focused on their area. So in the end we just said right, we’re going to do that. We saw very clearly that the environmental groups were doing great work running on one track, and on the other track were groups doing superb classic human rights work – but what we kept seeing was that bit in the middle, where particularly environmental abuses were funding abuses of human rights. No one seemed to be working on it, we couldn’t really understand why not. Why don’t we stop talking about it and try and do something?”

“...the programme is fantastic in terms of students enhancing their job opportunities.”

“Part of our model has been to get other non-governmental organisations (NGOs) to really adopt and pick up the issues we work on. A lot of what we do has become quite mainstream as a result of that, but that is how you get change. We saw ourselves – Global Witness – as global citizens. Very often it was our government or our companies that were doing some really bad things – and so it was a kind of sense of taking responsibility and that, I suppose, is what our mandate was.

“Where we add value is in not being afraid to ask the questions that other people say are incredibly naive, such as ‘Diamonds are being used to fund war... Isn’t that a really bad thing?’ It was about changing how people thought about and saw issues, and that is a big element of what we do as Global Witness – looking at deep-seated, complex underlying structures of corruption and conflict. It can take years and years to get a result sometimes.”

Global Witness now has a hundred staff and close to twenty concurrent campaigns.

“We started out as three people with a shared vision, but what we are about now is a team of incredible people. It’s not the ‘Charmian, Patrick and Simon Show’, so reports have Global Witness as the author, not individuals. We try and make it all about the organisation and just hire the best people we can. We have fantastic people and just try to give them the room to get out there and do the work.”

Our time was coming to an end, so I asked Charmian if she thought organisations like Global Witness will always be needed or whether improvements in regulation will take over the role.

“Sadly, yes. Because I think those open, transparent regulatory bodies will themselves need to be looked at and investigated given the nature of humanity. What you are supposed to say as an NGO person is ‘we are trying to put ourselves out of business and remove the need for us’. Well, of course we are, but I think the sad reality is that there will be a need for organisations like Global Witness for a really long time to come. I think that history shows us that positive change is possible, but that it is really difficult. That doesn’t mean you shouldn’t do it, and humanity would benefit most from a sense of humility.”

As I left Global Witness, I noticed a wall full of framed pictures in the lobby. Arranged like family portraits, they are the covers of the reports produced by the organisation. A growing legacy of which the founders can be proud. 

WHO'S WHO IN AU?

In the last edition of PROM we shone the spotlight on the work of the Schools & Colleges Liaison Team. Now we once again highlight the work of another busy team, with a vital role to play in the success of the University.

CENTRE FOR WIDENING PARTICIPATION, EQUALITY AND SOCIAL INCLUSION



Left to right: Dr Debra Croft (Director of CWPEI), Sioned Wyn (Centre Administrator), Rachel Rees (Science Workshop Facilitator), Hannah Clarke (Widening Access Project Co-ordinator), Dr Kris Lovell (Project Support Associate), Jack Shaw (Science Workshop Demonstrator)

The Centre for Widening Participation, Equality and Social Inclusion (CWPEI) was established almost twenty years ago, to further the University's long-standing commitment of widening access to groups of people who have traditionally been under-represented in Higher Education.

CWPEI strives to remove barriers to Higher Education, whether physical, social, cultural or financial. It supports people of all ages, from school children to adults.

A highlight of CWPEI's work with schools is the University's Science Fair organised every March to mark British Science Week. The exhibition allows school pupils to experience science through enjoyable and interesting hands-on activities, and is visited by more than 1,750 pupils, teachers and visitors each year.

CWPEI also runs a residential programme for Year 10 pupils from Ceredigion, Powys, Gwynedd, and Carmarthenshire. The Options Explorer programme provides a snapshot of what subjects are like beyond GCSE, offering a taster of university life and helping young people to make clear decisions about their future.

Aberystwyth's flagship Summer University programme is also organised by CWPEI. Having completed its 17th year, this six-week residential programme of lectures, research and presentations as well as sports and social activities mirrors university life as realistically as possible, and culminates in a glittering 'graduation' ceremony held in the Great Hall at Aberystwyth Arts Centre (see page 8). Since 2012, around 83% of students who have successfully completed the Aberystwyth Summer University have gone on to Higher Education.

CWPEI also provides support for students, to increase retention and achievement of those who are vulnerable, such as careleavers, young carers and other unsupported students.

83% of students who have successfully completed the Aberystwyth Summer University have gone on to Higher Education.



Peter Hancock and Pat Pollard

THE ROUND TABLE

In Issue 24 of PROM, we highlighted the immense generosity of Peter Hancock and Pat Pollard (née Trevitt) in setting up the Peter Hancock Scholarship Fund so that final year Aber students in need of additional support to meet their full potential could receive not only financial support but mentoring from experienced professionals and the support of a close-knit peer group. The very first meeting of the Hancock Scholars of 2016/17 was held as a dinner in February 2017 to foster a sense of kinship amongst the scholars, to hear their views and give them an insight into the support available through the generosity of Peter and Pat.



Hancock Scholar Elena Zolotariov has shared her thoughts from that evening here.

Plutarch said in *Parallel Lives* that “The mind is not a vessel to be filled, but a fire to be kindled”. Nothing has stayed with me as strongly as when I arrived to meet the Scholars who I had met before but not in such an intimate environment (such was the restaurant which was chosen for us, situated beautifully above the sea). When I first saw them upon entering, I noticed how they all looked bright, warm, eager and welcoming. They were already agreeably talking about their passions, their future, and immersed in their aspirations with a blissful excitement that boasted of their determination which confidently indicated “I can do it”. They seemed to be so very sure of it, as if nothing else mattered, as if there was nothing else they would like to do more. Then, once they noticed my arrival, they looked at me encouragingly with glances that spoke nothing but comfort and deep-rooted assurance. Then I knew I could do it too.

The Scholars had a great shimmering beauty about them, charming and wonderful in their youth. My mind roamed to all the possibilities, to the first time I met them and how I had felt when it was announced the very first time that we would be part of a Scholarship where we would be mentored and guided. We were shy, silent, not quite as outspoken. I remember thinking: can it really be? Who am I for my opinion to matter? And yet, it was that sense of burning passion that united us that

night as well as the Scholarship founders’, Peter and Pat’s, dedication to make us believe in our own vision, in our own voice. Their voice was a guiding influence; they never stated, they always asked and challenged, even to this day.

We often complain about society. We find it lacking in something, thinking that it is not investing enough in education, that it does not care enough about its people. True enough, society has and will always be flawed – as flawed as its people. What that night taught me, however, was that it does not have to be that way. Society can be as good as its people, as good as the visions the people bear. Aberystwyth, after all, started with the idea of rekindling the light of intellectuality in the hearts of its community. If Aberystwyth University exists, it exists because of its people and their passion for education, spreading knowledge and the fundamental truth that there cannot be true individual happiness without the prosperity of the society in itself.

Thus, by the end of the night, my childlike intimidation had turned into filial intimacy; we were no longer on our own, embarking on the journey of intellectuality; we belonged. This is one of the many things that the Hancock Scholarship stands for; it is a reminder of the capabilities of its students, of the encouragement intellect requires. We all acknowledge that we know little but that does not stop us from pursuing knowledge. If anything, it motivates us to dig deeper into the wonders of the world and, in my case, into the wonders of the human heart.

Elena Zolotariov
2016-17 Hancock Scholar and
English and Creative Writing final year student

ABER ABROAD

The support of our international alumni continues to grow with support focused on a number of crucial activities, from help with student recruitment events, developing relationships with our international partners, raising our profile and reputation and welcoming visiting academics.

We are grateful to our thirty International Representatives (www.aber.ac.uk/en/development/alumniprofiles/internationalalumni/) who give their time to help build and engage with our alumni community in support of our plans. In 2017, we celebrated the first lunch meeting of our newly-formed Nigerian alumni network. The basis for this network is to establish a platform for networking, developing strategic partnerships and collaborative programmes and to support the ambitions and international reach of the University. Individuals interested in joining can contact Echika Ugwuoju (nasescoba@gmail.com) or Dr Akanimo Odon (ako1@aber.ac.uk).

Our students continue to benefit from donations from our international alumni community and we are deeply grateful for the generosity of our alumni donors. Monies raised have contributed to grants for students to attend 'once in a lifetime' trips abroad on projects ranging from visit to Yosano, Japan led by International Politics, to the Department of Theatre Film and Television Studies and the Tribeca Film Festival trip. We plan to grow these grants for such student opportunities with the support of our alumni fundraising and the opportunities that our alumni give us as a result of their work and professional and personal connections.

If you would like to find out how to support our international work or would like to make a donation from abroad, please contact Hayley Goddard (Individual Giving Officer) on 01970 622083 or hvg@aber.ac.uk

HIGHLIGHTS OF THE PAST YEAR ALSO INCLUDE:

NEW YORK & WASHINGTON DC

The Geography and Earth Science centenary was celebrated at our well-attended June annual receptions for alumni and friends in New York and Washington DC. Institute Director Professor Neil Glasser enthused and inspired audiences at both events with an account of his 2017 mission to the East Antarctic Ice Sheet as part of an international study into the effects of climate change. The delegation was joined by 2017 Geography graduate, Kyle Adams, who won an alumni-funded prize competition to meet alumni in both cities, and take part in our programme to speak about the impact the department and the University has had on his life.

The University is grateful to alumnus Andy MacDonald for hosting our New York reception at his Wells Fargo offices, and to the National Geographic Society Museum in Washington DC for generously providing their private and historic Boardroom as the venue for Neil's lecture in honour of the department's centenary.

MALAYSIA

The University was honoured to have attended an audience with HRH Tuanku Muhriz, Honorary Fellow at his palace in Kuala Lumpur in November 2017. HRH Tuanku Muhriz is the Royal Patron of the Aberystwyth University Alumni Club of Malaysia. The audience was held to celebrate the



Alumni and friends reception in New York



Alumni and friends reception in Washington DC



HRH Malaysia visit



Malaysia alumni open evening



Justice Belinda Ang Saw Ean is a judge of the Supreme Court of Singapore and received her Bachelor of Laws from University of Wales, Aberystwyth in 1976.

deep bonds between the University and the Club, and the longstanding support of the Old Students' Association to this relationship. The event also provided an opportunity to thank outgoing Club President and 2017 Honorary Fellow Dato' Sharil Bin Mohamed Tarmizi for his support and to thank incoming President Nasharuddin bin Hussin for taking the office for a second time.

The University is grateful to Club members for their continued and invaluable support with our student recruitment, including at an Open Evening for prospective students and their families at the TPC Kuala Lumpur with colleagues from the Institute of Business and Law.

SINGAPORE

An alumni reunion was held in November as we continue to develop our relationships with alumni here and with their networks. A particular highlight of the trip was the opportunity to meet with Justice Belinda Ang (at the Supreme Court).

It is with much sadness that we report the death of Gareth Howell in January 2018, pictured in the Washington DC photograph and also in the feature on our Honorary Fellow conferment. Gareth was an inspirational man, a passionate champion of Aberystwyth University and a good friend to the Development and Alumni Relations team and the Old Students' Association. He gave generously of his time and connections in support of our work and will be very much missed. Our thoughts are with his wife Amy and sons Rhys and Llewelyn at this sad time and as we look ahead to celebrating Gareth's life, distinguished career and contribution to Aberystwyth with them and with friends and alumni at the North American Festival of Wales in August 2018.

Louise Jagger
Director of Development and Alumni Relations

NEW LIFE FOR OLD COLLEGE

This year we have reached a significant milestone in delivering the vision of a renovated and re-invigorated Old College in time for our 150th anniversary in 2022.



With the Heritage Lottery Fund (HLF) announcement of Development Funding for the project in the summer we have now moved into a new phase. Thanks to a HLF Development Grant of £850,000 a new Design Team, including architects and other specialists, are now in place and they will be working alongside the University's team and the Project Board to create more detailed plans and proposals over the next twelve to eighteen months. There is also a good deal of further consultation and engagement to be undertaken during this next period as well as the critical task of finding a further £10m through grants and fundraising to match the full contribution of £10.5m from the HLF.

Our plans can be found at www.aber.ac.uk/en/oldcollege/future-plans

We are now being supported in this work by Jim O'Rourke, a highly experienced consultant in project management, who is an Aberystwyth University alumnus and former Students' Union President (1977-78). His experience in major projects is in addition to the valuable time being dedicated by colleagues across the University's professional and academic departments.

The news of the HLF's announcement to support the restoration of Old College has been warmly received and the University has received many kind messages of support from alumni across the world together with a number of generous donations. We have been meeting with alumni in Cardiff, London, Malaysia and Singapore as we start to reach out to alumni and supporters that

may be inspired to support the scheme. We are also grateful for the help of our alumni in approaching major grant giving trusts and foundations.

Involving the community along with the University and alumni in activities and in developing the plans is a high priority. For example, colleagues from the University's Robotics Club led a 'Pumpkin Hack' workshop for local youngsters at Old College over the Halloween period and the activity combined creativity as well as developing computer programming skills. Following on from the popular Jurassic Heritage Exhibition earlier last year, we are staging another exhibition in partnership with National Museum Wales based on the work of Alfred Russell Wallace, the Victorian naturalist recognised for conceiving the theory of evolution



through natural selection independently of his contemporary Charles Darwin. As with 'Jurassic Heritage', the exhibition programme features a variety of activities and talks by leading academics from the University. We are also discussing ideas for joint activities with the National Library of Wales and the Hay Festival.

I'm proud to say that alumni remain at the forefront of the project. Steve Lawrence, former President of the OSA, continues to represent the OSA as a member of the Old College Project Board and is a passionate advocate for the scheme. The Cardiff and Aberystwyth Branches of the OSA are highly active in a number of projects including digitising the University's earliest records and establishing a Digital Heritage Station. The Old College Appeal has also benefited from generous donations by alumni based

internationally. These are but a few of the valuable fundraising and volunteering contributions by alumni in Wales and across the world.

While we're excited by the opportunity to develop the plans and to reach out to an ever increasing number of people, we are very conscious that the fundraising aim is an ambitious one. We need to have secured commitments to the £10m target before the HLF considers our next submission in early 2019. Having said that, we can't fail to be inspired by the achievements of our Founders and by the generous support the University has been privileged to receive not only in those difficult early years but throughout its proud history. If we can once again call on that support to realise the aspiration of a restored and repurposed Old College then we will all have helped safeguard

that unique legacy for the generations to come.

If you would like to donate to our Appeal at this crucial stage of our plans, please go to www.aber.ac.uk/oldcollegeappeal. If you would like to discuss opportunities for philanthropic support through a major gift or pledge, please contact Louise Jagger on lmj23@aber.ac.uk or 01970 62 1884.

Dr Rhodri Llwyd Morgan
Pro Vice-Chancellor and Project Director



**Funding raised by
The National Lottery**
and awarded by the Heritage Lottery Fund

MAJOR BEQUESTS FOR ABER RESEARCH

The lives of three very special supporters of the University were celebrated in 2017 following their generous bequests.

The University revealed that two major legacies were received in Autumn 2017, Eleanor and David James had donated £2m to the institution, while Margaret Woolloff had bequeathed £400,000.

Aberystwyth alumna Eleanor and her husband David James made a bequest to the University of £2 million for a permanent endowment to fund a research scholarship for postgraduate students with links to Aberystwyth or Wales. Both were also former members of staff who met and married while working at the University. Eleanor and David James worked in Mathematics and Agricultural Botany departments respectively for more than 35 years from the 1950s until their retirement in the 1990s. David was also Deputy Warden at Pantycelyn.

Margaret Woolloff, who died in October 2016, bequeathed £400,000 in her will for the furtherance of postgraduate research at the University. Margaret graduated from Aberystwyth University with a degree in French in 1943 and stayed on to follow a postgraduate course in teacher training certificate and spent her early career teaching in post-war Paris. After returning to Wales, she became Headteacher of the Queen Elizabeth Grammar School for Girl in Carmarthen where she stayed for 20 years. Margaret never lost touch with Aberystwyth and was an active member of the University's Old Students' Association.

The legacies were announced as part of the University's now annual Founders' event, which echoes the celebrations held in



Postgraduate students Ben Hulme and Keziah Garratt-Smithson, pictured 3rd and 4th from left, are the first beneficiaries of the endowment fund established from the bequest of the late Eleanor and David James.

the town back in October 1872 when the first students arrived at Old College.

The Vice-Chancellor of Aberystwyth University, Professor Elizabeth Treasure, paid tribute to Eleanor and David and Margaret Woolloff: "It is extremely fitting that these very special bequests have been the focal point of this year's Founders' Day event. They remind us how the University has been supported since its early beginnings by the generosity of the people of Wales and the wider world.

As long-standing members of staff, David and Eleanor James made an outstanding contribution to university life through their research, teaching and scholarship. Their legacy lives on in this extremely generous bequest which will enable PhD students for generations to come to pursue excellence in their field and further enhance the academic strengths of this special University. As a teacher and headteacher, Margaret Woolloff dedicated her life to furthering the education of generations of young people. We will ensure that her lifelong work lives on as her generous gift will support early career researchers at Aberystwyth University as they strive to make an impact on Wales and the world. All three were active members of the Old Students' Association and we thank them for their support during their lifetime and for their contribution through their legacies to the ongoing success of Aberystwyth University'

The University is grateful to all those alumni and friends who have let us know that they have pledged a bequest to the University in their wills. Each and every legacy enables the University to build on its strengths and enhance its global reputation through teaching, learning and research opportunities - from supporting ground-breaking research, providing student bursaries and scholarships, to supporting our historic buildings. If you would like information about how to support the University through a bequest, please contact Dylan Jones, Alumni Engagement & Individual Giving Manager 01970 62 1652 or dej20@aber.ac.uk.



Family and friends of the late Margaret Woolloff join students, staff and alumni at Aberystwyth University to mark her generous bequest to her former university.

REUNIONS

Come and join the Old Students' Association for their annual reunion at Aber on 29 June – 1 July 2018, when we will also host the Department of Geography and Earth Sciences centenary celebration weekend on Penglais Campus – see www.aber.ac.uk/en/development/newsandevents/ for details



PANTYCELYN (1969-72)

In January a group of alumni from Pantycelyn A Block 1969-72 held an Aber reunion in London, with an original jacket from the University outfitters making an appearance!

Left to right: Geraint Thomas (Geography), John Evans (Law), Chris Newton (Geology), Jonathan Arter (Law), Billy Bhasin (Agriculture).

COLLEGE OF LIBRARIANSHIP WALES, ABERYSTWYTH (1986-87)

Nine CLW alumni met in Singapore for a 30 year reunion on 18 August 2017 to visit local landmarks and national libraries, and culminated with a dinner at the venerable Singapore Cricket Club. T-shirts worn say "Librarians Don't Retire, They just get Re-shelved"!

Left to right: Ng Chay Tuan, Susanna S Y Tsang, Samantha Ang, Ang Hwee Suan, John Price Jenkins (Visual Arts, 1984), John Kennedy, Ivan Man Tak Wong, Yeoh Seok Kwan, Chung Lee Gok, and Lee Kim Char.



60'S ALUMNI REUNION

Over 50 alumni from a variety of subjects in the mid-sixties came together for a reunion at Park Lodge Hotel, Aberystwyth on 23 September 2017 to socialise, reminisce and share memories of Aber – some had not seen each other for nearly 50 years!



PHYSICS 1964

For the fourth year in a row, members of the Physics Class of '64 gathered for a reunion in Aber. In June 2017, the group visited the Centre of Alternative Technology near Machynlleth, the Dyfi Osprey Project, and enjoyed a dinner together at a hotel on the seafront.

If anyone from the Physics Class of '64 who would like to be put in touch with the group, please contact the development office on development@aber.ac.uk or 01970 62 1568.



ABER *Fund*

BE PART OF OUR FUTURE
HELP MAKE A DIFFERENCE

The Aber Fund is the giving programme for alumni, parents, staff and friends of the University to support projects that directly enrich student experience and attainment and help advance the ambitions of the University.

Working with our supporters and students, its aim is to ensure that every student has every opportunity to succeed at Aber and in the years ahead. Your support has funded a record number of students this year, in partnership with our academic and service departments, The Sports Centre, Arts Centre, and the Students Union Clubs and Societies – Thank you.

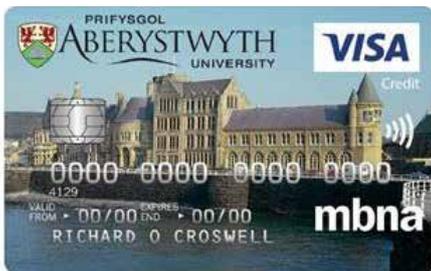


Dylan Jones
*Alumni Engagement
& Individual Giving
Manager*

KEY AREAS FOR SUPPORT...

alleviate **Student Hardship** | support **Student Well-being** | provide **Student Opportunity**

AU CREDIT CARD HOLDERS (MBNA LIMITED)



Since 1994, Aberystwyth University Credit Card holders have raised over £140,000 towards our student projects. As our relationship with MBNA ended on 7 November 2017, we wanted to thank you for your incredible loyal support. The payments received from MBNA through this scheme have provided a valuable contribution towards our Aber Fund.

RECORD-BREAKING TELEPHONE CAMPAIGN

Over £85,000 was donated towards the Aber Fund from around the world during our Telephone Campaign in Spring 2017 - surpassing previous campaigns! Over 1,000 alumni shared their memories of Aber with our fanastic team of student callers, with almost half of our donors also setting up regular giving through Direct Debit, enabling us to plan future projects in advance for maximum impact – Thank You!



MAKE A GIFT...

Giving is easy, and flexible to your wishes. You can give...

- regularly by Direct Debit, Standing Order, or Payroll giving
- Through a single gift online (Credit/Debit Card);
By post (cheque)
- Internationally in conjunction with our partners
(e.g. SWIFT System, American Fund for Charities)

To donate and for further details visit: www.aber.ac.uk/aberrfund or contact Dylan Jones, 01970 62 1652, dej20@aber.ac.uk

“Aberystwyth was the best place for me and gave me so much – to receive my departmental award on Graduation day was a huge confidence boost, knowing that alumni had funded the award made me feel part of a big family. I’m proud that I can now give regularly to provide future graduates the chance of receiving such an award and recognition”

Miss Katie Hope
(graduated 2016)
The David Trevena prize recipient

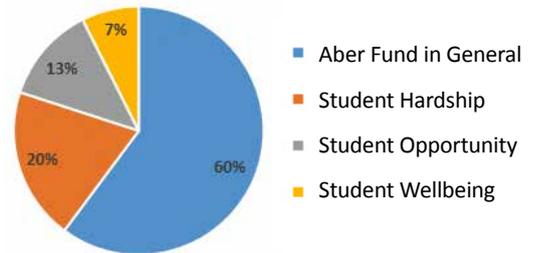
THANK YOU!

Annual Giving Report 2016/17 Facts and Figures

YOU gave **£94,831**

to the Aber Fund in 2016/2017 (up 10% from previous year)

Donations received by key support areas



Supported over **1,200 students**

827 Individual donors

£114 average annual gift (£10 a month)

323 made their first-ever gift

26 new student projects funded

YOUR IMPACT...

Every gift makes a difference, whatever the amount, and all monies donated fund key student projects - without it, the projects below would be limited or not receive funding at all:



Student Hardship Fund received nearly £50,000 to provide immediate support to students who may be at risk of leaving University due to financial difficulties.

An online **E-mentoring** platform that pairs Aber alumni with current students and young graduates in offering career mentoring and guidance to help achieve their full potential in the workplace.



Creative Opportunity project gave 18 students bursaries to access **Work Placement and Workshops** within the creative industries to identify and find work opportunities and networks, but also critically raise aspirations and confidence.

World Fair, One World Week 2017 brought international and home students together to celebrate our global diversity. Over 40 students were involved in running the World Fair, showcasing their culture, faith and food to fellow students, staff and members of the community.



InvEnterPrize 2017 is a student business idea competition to inspire next-generation entrepreneurs. Out of 24 entries across campus, a concept driverless delivery vehicle developed by a team of Computer Science students and a former student received the £10,000 cash boost prize by a panel of alumni judges.

Student Well-being with on-going support of Nightline, Exam Stress-busters, Sports Referral Programme and a Mental Health awareness workshop for students with Gwyneth Lewis, the inaugural National Poet of Wales and an Honorary Fellow of Aberystwyth University (2013).



THE 2016/17 DONORS LIST

Aberystwyth University would like to record our grateful thanks to the following individuals who gave during the year and have donated over £2,500 in the last 5 years.

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Dr Michael France (1971) &
Mrs Elizabeth France (née Salem) (1971)
Mr Peter Hancock (1962)
Mr Colin Harrington (1961),
Dr Graham Harrington (1961) &
Mrs Gillian Harrington
Dr Stan Hughes CM (1941)
Mr David James (1962)* & Dr Eleanor
James (née Jones) (1957)*
Dr Alfred Keys (1955)
Miss Kay Powell (1969)
Mr Matthew Riley (1996)
Mr Matthew Spratt (1996)
Miss Margaret Wooloff (1942)*
Mr Huw Wynne-Griffith (1966)

Aberystwyth University Alumni - donors are listed by graduation decade (first degree where applicable)

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Mr William George (1946)
Mr Sandy Griffiths (1949)
Mrs Olwen Pearson (née Lloyd) (1946)
Mrs Joan Preston (née Owen) (1949)
Mrs Lorna Riley (née Farmer) (1946)

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Mr Aylmer Clark (1951)
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Mrs Margaret James (1952)
Mr David Jenkin (1952)
Mrs Anna Johnes (née Rogers) (1950)
Dr Graham Loveluck (1955)
Mr Tom Morgan (1955)
Mr Ron Newman (1953)
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Southern) (1968)
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Dr Claude Evans (1964)
Dr John Evans (1963)
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Mrs Liz Foley (née Harris) (1969)
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Mrs Marianne Gifford (née Hughes) (1969)
Mrs Kath Hardy (née Maylott) (1966)
Mr Richard Hartnup (1969)
Mr Jeff Hawtin (1963)
Mr Kevin Hogarth (né Hogg) (1968)
Dr Jen Horgan (née Davies) (1964)
Mr John Howells (1969)
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Mr Lynton Jones (1967)
Mrs Janet Keefe (née Hughes) (1963)
Mr Roy Kift (1965)
Mr Harvey Linehan (1967)
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Ms Mary Morgan (1967)
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Mr David Davies (1972)
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Mr Nick Dugdale (1979)
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Mr Alfred Evans (1975)
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Mr Martin Gash (1976)
Mr Terry Glaysher (1975)
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Mr Ian Griffiths (1973)
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 Mr David Mathias (2002)
 Dr Sabina Michnowicz (née Kokowczuk) (2005)
 Mr Jonathan Minta (2006)
 Mr Elliot Mitcham (2007)
 Mr Gary Moore (2008)
 Mr Eiddig Morgan (2005)
 Mrs Priscilla Morley (2003)
 Mr Andrew Murray (2007)
 Mr Matthew Needham (2004)
 Miss Louise Northey (2000)
 Mr Colin Osborne (2008)
 Miss Kate Owen (2002)
 Ms Ruth Owen Lewis (2008)
 Miss Elizabeth Padmore (2004)
 Mr Daniel Parkes (2000)
 Mr Dorian Pascoe (2004)
 Mr Joe Paxton (2009)
 Mr Brian Peters (2007)
 Mrs Catherine Pierse (2008)

Dr Eleri Price (2009)
 Ms Piera Priolo (2001)
 Mr Geraint Pugh (2005)
 Miss Emma Raistrick (2001)
 Dr Sarah Ralph (2002)
 Miss Kady Reeves (2007)
 Mr Matthew Revitt (2006)
 Dr Helen Roberts (2008)
 Mrs Anwen Roberts-Jones (née Roberts) (2004)
 Mr Eurig Salisbury (2004)
 Mr Jobo Samba (2008)
 Dr Angharad Saunders (2002)
 Dr Alexandra Savage (2000)
 Mrs Anita Saycell (née Vautier) (2001)
 Mr George Shaw (2006)
 Miss Catherine Shaw (2000)
 Mr Matthew Shobbrook (2006)
 Ms Anoush Simon (2007)
 Mrs Rebecca Simpson (née Webster) (2004)
 Mrs Isobel Smith (née Bartlett) (2000)
 Mrs Penny Snelling (2009)
 Mr James Spicer (2006)
 Mr Alex Still (2006)
 Mrs Helen Stockley-Jones (née Stockley) (2005)
 Dr Ian Synge (2002)
 Mr Craig Thomas (2005)
 Miss Kathryn Thomas (2004)
 Mr Gregory Thornley (2003)
 Mr Neil Turfrey (2000)
 Miss Kate Turnbull (2005)
 Mrs Susan Ward (née Royall) (2000)
 Miss Becky Waring (2006)
 Mr Matthew Warren (2005)
 Mr William Watkins (2002)
 Mr Christopher Watters (2006)
 Dr Christopher Webster (2006)
 Mr David Wherton (2000)
 Miss Anneka Williams (2006)
 Mr Duncan Williams (2002)
 Mr Benedict Wilson (2009)
 Mr James Woolley (2009)

2010-2017

Mr Gabriel Aldam (2011)
 Dr Natasha Alden (2011)
 Miss Hannah Austin (2012)
 Mr Sebastian Balcombe (2014)
 Mr Jack Barton (2013)
 Mrs Catherine Beckham (2016)
 Mr Declan Beynon (2016)
 Mr Matthew Bostock (2014)
 Mr Michael Buchanan (2012)
 Mr Eric Bunyan (2012)
 Miss Hannah Burns (2014)
 Mr Timothy Casey (2010)
 Mr Jim Clarke (2011)
 Mr Michael Collins (2011)
 Miss Jennifer Cottam (2012)
 Miss Emily Daley (2015)
 Mr Peter Davies (2014)
 Mr Steffan Davies (2012)
 Miss Delor Davies (2012)
 Miss Eleanor Davies (2012)
 Mr Owen Davies (2010)
 Mr Oliver Davies-Scourfield (2013)

Mr Adam Edgerley (2011)
 Dr Carina Fearnley (2013)
 Mr Piotr Gajdus (2013)
 Mr Ziang Gao (2012)
 Miss Charley Genever (2014)
 Mrs Pamela Gray (2014)
 Miss Lucy Haines (2010)
 Miss Elen Hall (2013)
 Mr Martin Harries (2011)
 Mr Michael Harrison (2015)
 Miss Georgia Hayward (2016)
 Mrs Dawn Hazlehurst (née Brady) (2012)
 Miss Jane Hill (2015)
 Mr Darryl Hillman (2012)
 Mr Finlay Hind (2014)
 Miss Katie Hope (2016)
 Miss Kate Howlett (2010)
 Mr David Ingles (2013)
 Ms Louise Jagger (2013)
 Mr Matthew Jevon (2016)
 Miss Rachel Johnson (2012)
 Mr Arran Jones (2013)
 Miss Rebecca Jones (2012)
 Mr Edward Jones (2010)
 Mr Jasper Kenter (2010)
 Mr Ismael Khan (2012)
 Mr Lars Kretschmer (2011)
 Ms Lisa Lawrence (née Tromann) (2011)
 Mr Alex Layton (2014)
 Mr Matthew Lees (2011)
 Mr Damian Longree (2012)
 Ms Orla McAllister (2013)
 Dr Jon McCalmont (2010)
 Mr Samuel Middleton (2012)
 Mr Alun Minifey (2010)
 Miss Rachel Mulholland (2015)
 Mr Jens Muller (2013)
 Mr Shaun Munsey (2016)
 Dr Jan Nerenberg (2016)

Miss Iona Nixon (2013)
 Ms Lucy O'Donnell (2012)
 Mr Robert O'Hagan (2012)
 Mr Nikolai Ovesen (2012)
 Miss Catherine Owen (2015)
 Miss Emily Owen (2012)
 Mr Ravi Parmar (2010)
 Mr Thomas Past (2010)
 Mrs Deborah Peach (2012)
 Mr Ben Preston-Marriott (né Marriott) (2012)
 Mr Ashley Price (2011)
 Mr Jonathan Roberts (2013)
 Dr Beth Rodgers (2014)
 Mr Matthew Sargeant (2010)
 Mr Tomos Smith (2016)
 Mr Lloyd Spence (2012)
 Miss Laura Stevenson (2013)
 Mr Dev Sundram (2011)
 Mr Hoting Tang (2015)
 Mr James Tasker (2014)
 Mr Matthew Taylor (2013)
 Mr Paul Tebbs (2013)
 Miss Charlotte Tomkins (2012)
 Mr Chris Topping (2013)
 Mr David Trethewey (2014)
 Miss Rachel Truman (2011)
 Mr Andrew Twiggs (2012)
 Miss Sonia Urbaniak (2016)
 Ms Gini Wade (née Barris) (2010)
 Miss Claire Watts (2013)
 Mrs Linda Welsh (née Spence) (2010)
 Mr Alexander Whitford (2015)
 Mrs Cheryl Williams (2015)
 Mr Peter Williams (2012)
 Mr Marc Williams (2011)
 Mr David Wilson (2011)
 The Physics Team (2014-17)

** indicates the donor is now sadly deceased.*

Trusts and Organisations which made gifts to particular causes during the past year

Alun Thomas & John
 British Society For Geomorphology (BSG)
 Cynnal y Cardi
 Elan Valley Trust
 Harper Adams Agricultural College
 Heritage Lottery Fund
 Jane Hodge Foundation
 Joy Welch Charitable Trust
 Marc Fitch Fund
 Microbiology Society
 Old Students' Association
 Old Students' Association (Aberystwyth Branch)
 Old Students' Association (Cardiff Branch)
 Old Students' Association (North Wales Branch)
 Pearson Education Limited
 Pitney Bowes
 Royal Geographical Society
 RSPB
 Stapledon Memorial Trust
 The Big Lottery Fund
 The Genetics Society
 The Leverhulme Trust
 The Royal Society
 The Society of Legal Scholars
 Welsh Crucible
 Willis Towers Watson

Friends, parents and staff of Aberystwyth University

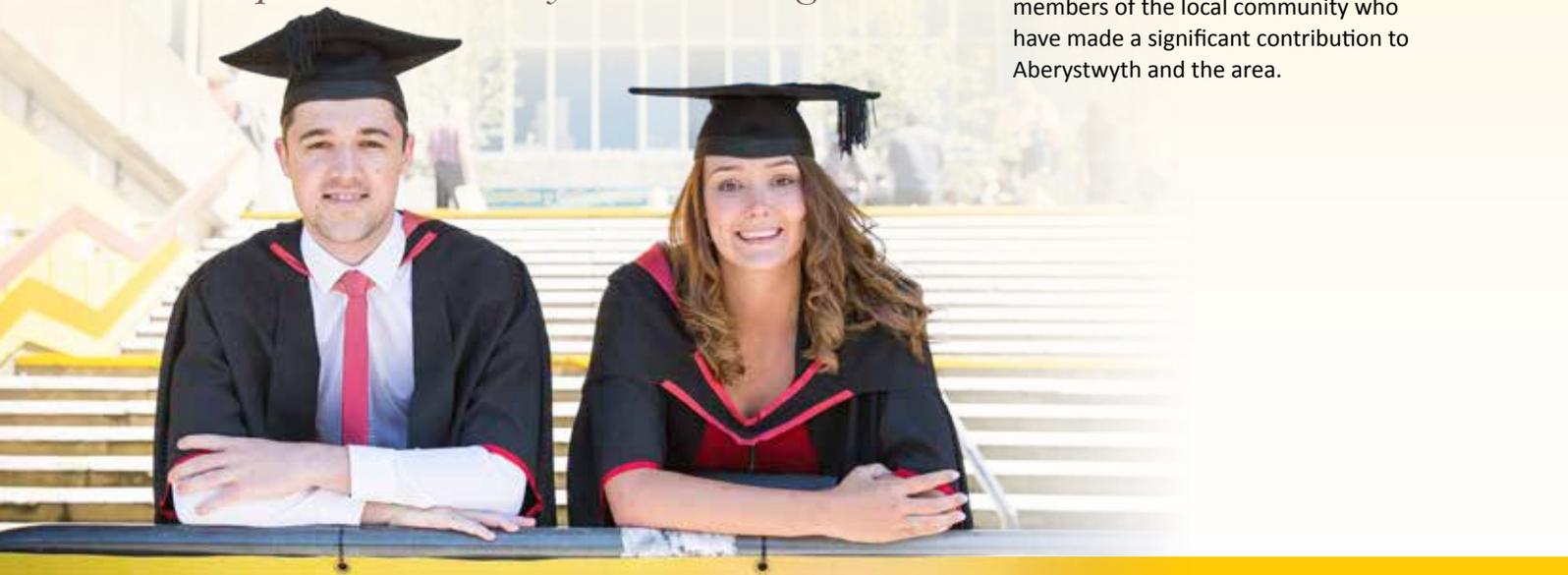
Dr Neil Alexander	Mr Simon French	Dr Dominika Komaniecka	Mrs Nerys Roberts
Mr Richard Allison	Ms Laura George	Mrs Jan Lawler	Ms Maggie Robertson
Ms Eleanor Barger	Mr Ralph Gifford	Mrs Dilys Lewis	Mr Mitch Rose
Mr Thomas Bates	Professor John Grattan	Mr Phil Maddison	Mr David Salisbury
Miss Catherine Bean	Mr John Harrington	Dr Richard Marggraf Turley	Dr Ian Scott
Dr Roger Boyle	Mr Peter Heading	Dr Jenny Mathers	Dr Yuan Shen
Dr Marie Busfield	Mr Michael Hinxman	Mrs Julie McKeown	Dr Edel Sherratt
Dr David Cairns	Mrs Ffion Hoare	Ms Laura McSweeney	Sir Paul Silk KCB
Mrs Caroline Clark	Ms Elen Howells	Mr Matthaios Melas	Ms Jacqueline Smith
Mrs Susan Clarke	Mr Philip Hughes	Dr Peter Merriman	Mr Stephen Smith
Cllr Steve Davies	Mr Steve Ithell	Mr Richard Miller	Miss Sian Spence
Mr David Davies	Cllr Paul James	Mrs Marion Mirow	Dr Amy Staniforth
Mrs Rhiannon Davies	Ms Hannah Jones	Mrs Manjinder Nagra	Mrs Nicola Taylor
Miss Helen Davies	Mr Aled Jones	Ms Lisa Newberry	Ms Marianne Taylor
Mr Wayne Dawes	Ms Elin Jones	Dr Gareth Norris	Ms Karen Thomas
Dr Natasha De Vere	Mrs Delma Jones	Dr Joan O' Mahony	Dr Andrew Thomas
Dr Eva De Visscher	Mrs Sarah Jones	Professor Nick Perdikis	Mr John and Mrs Jane Tisdale
Dr Hannah Dee	Mrs Victoria Jones	Dr Matthew Phillips	Professor Elizabeth Treasure
Mrs Carol Dery	Professor Tony Jones	Dr Paul Poon	Ms Christa Wagner
Mr Chris Drew	Sir Emyr Jones Parry GCMG &	Mr David Price	Ms Leanne Wagner
Mrs Fiona Eaton	Lady Lynn Jones Parry	Professor Gary Rawnsley	Mrs Vanessa Westbury
Mr Keith Evans	Mr Sindre Kaspersen	Mr Gary Reed	Ms Kath Williams
Mr Julian Evitts	Ms Liza Kellett	Mr Emyr Reynolds	Ms Emma Williams
Ms Tamzen Flanders	Mr Dan Keyworth	Mr Alan Roberts	Professor Michael Woods

GRADUATION HONOURS 2017

Graduation week is always a memorable occasion when students, their families and members of University staff come together to celebrate the achievements of our graduates. It is also an opportunity to recognise and honour the successes of individuals who have achieved distinction in their field by presenting Honorary Fellowships and Honorary Bachelor Degrees.

At the Graduation ceremonies in 2017, the University celebrated and honoured six individuals who have made an outstanding contribution to the institution, or to professional and public life in Wales with Honorary Fellowships.

Two Honorary Bachelor Degrees were also presented to individuals who are members of Aberystwyth University staff without an entry-level degree in recognition of long-service, contribution and dedication to the Institution, and members of the local community who have made a significant contribution to Aberystwyth and the area.



HONORARY FELLOWSHIPS

LANCE BATCHELOR



Lance Batchelor is the CEO of Saga plc. He joined Saga in 2014 and helped list the company on the Stock Exchange, having previously been the CEO of Domino's Pizza plc and Tesco Mobile, and Marketing Director at Procter &

Gamble, Amazon.com and Vodafone. Lance's early career was in the Royal Navy, where he served for eight years from 1982-1991, seeing service on minesweepers and submarines. Lance holds a BSc(Econ) from Aber and an MBA from Harvard Business School. He is a Trustee of the National Gallery and Chairman of the National Gallery Company. He is also a Trustee of The White Ensign Association and Vice Patron of The Royal Navy and Royal Marines Charity.

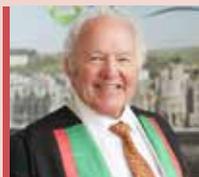
PROFESSOR MARTIN CONWAY



Martin Conway was born and brought up in Aberystwyth, studied History at Wadham College, Oxford, and was awarded his doctorate in 1989. Since 1990, he has been Fellow and Tutor in History at Balliol College and Professor of

Contemporary European History in the History Faculty. He was one of the editors of the *English Historical Review* from 2006 to 2016, and is currently the Chair of the History Faculty. His research has focused on twentieth-century Europe, including fascism, wartime collaboration in Nazi-occupied Europe, political Catholicism and the democratic transformation of western Europe after 1945. He has a particular interest in Belgium, which arose from spending a year in there before university at the suggestion of his teacher in Penglais School.

HEINI GRUFFUDD



A teacher, author, and language campaigner, Heini Gruffudd is chairman of Dyfodol i'r Iaith, the lobbying organisation for the Welsh language, and of Tŷ Tawe Welsh Centre in Swansea. A former lecturer at Swansea University

and the author of several books for Welsh learners, Heini has campaigned for forty years for Welsh education. He has led several research projects on the use of Welsh in education and among young people, focusing on the importance of language use in the home, in the community and among friends. He won Wales Book of the Year in 2013 for *Yr Erid*, which details his family history in Wales and Germany at the time of the Second World War.

GARETH HOWELL



An Aberystwyth law graduate, Gareth Howell led on practical solutions to problems in countries facing extreme transitions in national life. From 1980-1995 he helped to improve higher and technical education in Nepal

and Pakistan through World Bank loans. In 1996 in Bosnia-Herzegovina, he led a World Bank/European Union task force to raise \$130 million to re-employ ex-combatants. At the United Nations in New York (1999-2002) he worked with the Secretary General on post-war reconstruction in Kosovo and East Timor. In El Salvador, Georgia, Morocco and Namibia he supported economic and social development to maximize the impact of grants. He was also a Magistrate in Wales and drafted early proposals for Welsh constitutional development, which was eventually enacted in 1999.

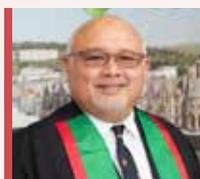
DR LOUISE RICKARD



Louise Rickard is a Welsh Rugby centurion and Aberystwyth alumna (BSc and PhD), and currently Head of Biology at Woodbridge School in Suffolk. She played rugby for the Welsh Universities,

Welsh Students and British Universities teams and captained Wales to the first victory over England at any level in women's rugby. She represented Wales 112 times, was part of the Triple Crown winning team in 2009 and the only touring team from Wales to have won a Test series in South Africa. Beyond rugby, she has made squads at national level in hockey, karate and bobsleigh. Louise was nominated for BBC Wales Sports Personality of the Year 2009.

DATO' MOHAMED SHARIL BIN MOHAMED TARMIZI



An alumnus of Aberystwyth, Sharil Tarmizi is a former telecoms, media and postal regulator and independent consultant. From 2011-14 he was Chairman and Chief Executive of the Malaysian Communications and Multimedia Commission (MCMC),

an independent regulatory body set up to develop, oversee and regulate the communications and multimedia sector in Malaysia. He was also a Board Member of the Internet Corporation for Assigned Names and Numbers (ICANN) and Chairman of ICANN's Governmental Advisory Body from 2004-07. Sharil was called to the Bar at Gray's Inn. He has worked closely with many international organisations, and was also involved in the International Telecommunications Union (ITU) mPowering Development Initiative and Vice Chair of ITU's Child Online Protection initiative.

HONORARY BACHELOR OF SCIENCE DEGREE

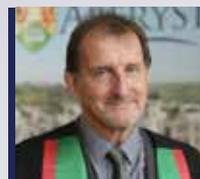
DAVID (DAI) ALUN JONES



Dai Alun Jones is a Vice President of the Football Association of Wales (FAW), President of the Central Wales Football Association, and Chairman of the Ceredigion Ladies Football League. He served as Chairman of the FAW Youth

and Development Committee from 1998-2001 and represented the FAW at the 5th UEFA Youth Conference in Saint Petersburg, Russia, in 1999. He was a Director of the League of Wales from 1995-1998 and 2003-04, and has been Referees Co-ordinator in the Wales International Soccer Tournament (Ian Rush Competition). Dai Alun worked as a librarian at the National Library of Wales for 37 years.

ALAN LOVATT



Alan Lovatt is the Senior Grass Breeder in the Institute of Biological, Environmental and Rural Sciences (IBERS) at Aberystwyth. He has been a grass breeder for all his working life, firstly for the Welsh Plant Breeding

Station, then the Institute for Grassland and Environmental Research, and now for IBERS. He initially worked on Italian ryegrass and later moved to breeding tetraploid perennial ryegrass. He has been the convenor of the British Society of Plant Breeder's forage section. He has, most notably, been highly involved in the multi-award winning high sugar grass breeding programme at IGER/IBERS.

OLD STUDENTS' ASSOCIATION

PRESIDENT'S MESSAGE



I started this article in the third week of my term as President and I did not expect to reflect on news of any moment within this short tenure. However, it was with pride that a day later I read of Aber being named University of the Year for Teaching Quality in *The Times and Sunday Times Good University Guide 2018*. My congratulations to all.

As the OSA President I am interacting with a new Vice-Chancellor and it was a pleasure to welcome Professor Elizabeth Treasure to Aberystwyth and to meet with her regularly. In her response to the above award Professor Treasure stated, "We want to stretch the minds of our students within a supportive environment and our teaching draws on the research strengths of our academic staff, underpinned by a strong personal tutor system." As members of the OSA we have all benefited from having our minds stretched at Aber and it will be an honour for the OSA to support the Vice-Chancellor and all at Aber as the University seeks to continually improve

to the benefit of its students, our future members.

A second major achievement has been the success of the Old College Project Board in being granted development funding by the Heritage Lottery Fund, which will allow it to progress with its plans and ultimately unlock the full £10,581,800 grant. OSA representation on the Board was led by our outgoing President, Steve Lawrence, and our thanks go to him and all who helped. I am pleased to say that Steve has agreed to remain on the Old College Project team so that we will not only have this experience but also continuity for the crucial next stages.

Steve was at the helm of the OSA for three years and I wish to place on record our sincere thanks for his guidance, accomplishments — and staying power!

It was a great pleasure last year to have the Student President, Ms Lauren Marks, play a full part on the Committee and I am pleased to say that she is a Vice-President for this year. It is wonderful to have her successor, Mr Bruce Wight, join our deliberations this year. Finding ways to show current students the work and ambitions of the OSA and interacting with them will enable us to better channel our efforts to enhance both their and future students' Aber experience and broaden our support.

In this era of rapidly changing social media, I wish to find ways to make the

“ I wish to find ways to make the OSA more immediate to its members. ”

OSA more immediate to its members and it is essential that the committee has a full spectrum of ages to progress this need. However, it is not only about disseminating what the committee is planning for the OSA but also to provide a two-way street so that

your comments, recommendations and criticisms may help us in our deliberations. In the meantime, please contact us at osaadmin@aber.ac.uk if you wish.

The Old College Project is a timely reminder for the OSA not only to reflect on its 125 years of existence but to look forward to how best we may rejuvenate ourselves to commit and contribute to a bright future not only for the unique original home of the University but for Aberystwyth, both town and gown.

Dr John Frampton

Join the OSA as a Life Member

— for a small subscription - £20 - you can become a Life Member of the Association and take part in shaping the OSA for the next 125 years! See www.aber.ac.uk/en/media/departamental/devalumnirel/osa/English-OSA.pdf for more information.

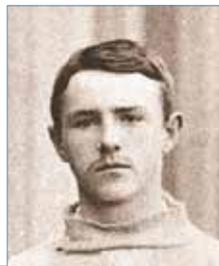
Stay in touch with the OSA via

The Annual at <https://osaannual.wordpress.com>, follow our first small chirpings on [@Aber_OSA](https://twitter.com/Aber_OSA) and keep your contact information up to date through the Development and Alumni Relations Office to be sure that you receive information about our events and activities.



John graduated from Aber with an Honours Geology degree in 1961 and was awarded a PhD in 1965. Whilst at Aber he was the Rag and Union Treasurer. Most of his professional life has been spent working in the oil industry in Trinidad.

COMMEMORATING LEIGH RICHMOND ROOSE (1877-1916)



In 2016 Rhiannon Steeds, President of the Aberystwyth Branch of the OSA, highlighted to the General Committee of the Association that the memorial to former students who fell in the First World War (commissioned by the OSA in 1922 and is now in the Quad in Old College) was missing a name - Leigh Richmond Roose, who was among some 300 officers and men of the 9th Royal Fusiliers who died on 7 October 1916 during the Battle of the Somme. It seems likely that he was missed off the original list because of a misspelling of his name when he enlisted.

Roose is among the most colourful of Aber's alumni, becoming the prince of goalkeeping in the Edwardian era. He came to the College in 1895 to study science, but concentrated on debates, theatrical productions, the ladies, and above all football, playing for College and Town. By the time he left in 1900 his achievements at the College and Town were legendary and he had played his first of 25 games for Wales.

After graduation he was in great demand and played as an amateur for Everton, Stoke, Aston Villa, Huddersfield, Sunderland and Arsenal. By the First World War, Roose was as recognisable as Lloyd George. He fought in France and Gallipoli before joining the Ninth Battalion of the Royal Fusiliers, winning the Military Medal for his bravery at the Somme. And it was there, aged 38, that he was killed, on 7 October 1916. His body was never found.

Roose is just one of the early twentieth century sporting greats portrayed by AU alumnus Mike Rees in his book, *The Men Who Played the Game*, published in 2015. The book features the sportsmen who gave up their lives for their country in the First World War, and the impact on an entire generation, linked by the agonizing thread that most of them didn't return home. It is fitting that the omission of L R Roose's name from the OSA Memorial Plaque in Old College has been put right 100 years after his death.

ANNUAL REUNION 2017

BY STEVE LAWRENCE

In August we held the Annual OSA reunion in Aber - it was a memorable weekend and a fitting way to help celebrate the 125th Anniversary of the Association. It also marked the end of three years during which I had the honour of being President. Over that period we have worked hard to ensure that the enduring aims of the OSA - fellowship and support for the University - have been continued and enhanced, and I would like to thank the members of the General Committee for all that they have done to make this possible, and I wish Dr John Frampton all the best in his year as the President of the Association.

Over the two days we enjoyed lectures and talks, including a fascinating presentation on the life and times of Goronwy Rees, former Principal and contemporary of the spies Blake and Philby at Cambridge. We also had the pleasure of Elgan Davies entertaining us at the annual reunion dinner with tales of student activities over the past hundred years - if we thought young people can be rowdy today, we should read the anecdotes of behaviour in the 1920s! All in all it was a most successful and fun weekend and we very much hope that you will be able to join us for Reunion 2018 over the weekend of Friday 29 June to Sunday 1 July, when we join forces with the Geography Centenary Weekend celebrations. Make sure your contact information is up to date with the Development and Alumni Relations Office at www.aber.ac.uk/en/development/alumni/update/ so that you receive the latest information on the programme and how to book your place.



Starting the 'Walk through geological time along the Prom' with Bill Perkins

OSA HIGHLIGHTS FOR 2018

The **Annual Reunion** will be Friday 29 June to Sunday 1 July 2018, with the annual dinner held on Saturday, 30 June 2018. We will be joining forces with the Geography Department to celebrate 100 years of teaching geography in Aber. The final details are being honed for the programme, but you can expect:

Friday evening: welcome reception followed by a geography-themed quiz

Saturday morning: AGM of the OSA and a tour of the grounds of the Llandinam building with experts from the AU Grounds Team and the Welsh Historic Gardens Trust.

Saturday afternoon: Lecture

Saturday evening: Celebratory Dinner

Sunday morning: Geography field trip (waterproofs and good shoes needed!)

Contact development@aber.ac.uk 01970 621568 for more information about booking your place.

The **26 Llandoverly lecture** on Saturday 2 June 2018 at Llandoverly College, where speaker Professor Neil Glasser, Aberystwyth University will share some of his Antarctic adventures.

The **National Eisteddfod, Cardiff** - the OSA will be represented by local members during the week on the maes.

Our annual reception at the **Royal Welsh Agricultural Show 2018** will be held in the Education Pavilion on the Tuesday of Show week.

THE ANNUAL

The OSA Annual was for many years the magazine of the OSA and was printed and distributed to members around the world. Today the OSA Annual is an online publication at osa.annual.wordpress.com which gives news and information on branches and events, and celebrates the achievements of members of the association. Click 'Follow' in the bottom right hand corner of the screen for regular updates. We are always grateful for your feedback.

AWARDS AND ACHIEVEMENTS

FOR ABERYSTWYTH UNIVERSITY



Aberystwyth was named **University of the Year for Teaching Quality** in *The Times and Sunday Times Good University Guide 2018*.



The results of the **National Student Survey (NSS) 2017**, placed Aberystwyth best in Wales and one of the top five higher education institutions in the UK for overall student satisfaction.*



The University has been awarded **EcoCampus Gold Award** following an independent audit of its environmental management system, recognising the University's commitment to improving its environment and sustainability.



Penglais Campus was presented with the **Green Flag Award** for the third consecutive year and Llanbadarn Campus for the second year running. Presented by Keep Britain Tidy, the awards are judged on criteria such as sustainability, conservation, heritage and community involvement.



Aberystwyth Students' Union (AberSU) was named the **Best Higher Education Students' Union in Wales** at the annual National Union of Students Wales awards.

*Aberystwyth University's rankings are compared against the HE institutions listed in *The Times and Sunday Times Good University Guide 2018*.

APPOINTMENTS

SENIOR APPOINTMENTS



Right Honourable Lord Thomas of Cwmgiedd
Chancellor



Dr Emyr Roberts
Chair of Council



Professor Elizabeth Treasure
Vice-Chancellor



Stephen Forster
Director of Finance



Dr Rhian Hayward MBE
Chief Executive of the Aberystwyth Innovation and Enterprise Campus



Andrea Pennock
Director of Estates Development



Nicholas Rogers
Director of Change Strategy

DEPARTMENTAL CHAIRS



Professor Richard Beardsworth
E H Carr Chair in International Politics



Professor Paul O'Leary
Sir John Williams Chair in Welsh History

ALUMNI



Aberystwyth School of Art Fine Art alumna, **Kim Whitby**, reached the final of Sky Arts *Landscape Artist of the Year 2016*.



Artist and printmaker **Gini Wade**, MA in Fine Art at Aberystwyth School of Art, won the Regional Award for Wales in the 2016 National Open Art competition.



Aberystwyth alumna, **Dr Phillippa Pearson**, has been named Environmental Professional of the Year for 2017 by the Society for the Environment.



Aberystwyth University Creative Writing alumni **Richard Georges** and **Maria Apichella** were shortlisted for the 2017 edition of the prestigious Forward Prizes for Poetry.



STUDENTS AND STAFF



Professor Ryszard Piotrowicz of Aberystwyth Law School has been elected as Vice President of GRETA, the Council of Europe's Group of Experts on Action against Trafficking in Human Beings.



Professor Gennady Mishuris, Professor of Mathematical Modelling at the University's Department of Mathematics, has been awarded the Royal Society's Wolfson Research Merit Award.



Professor Colin McInnes of International Politics, a leading expert on global health and international relations, was appointed Vice-Chair of the United Kingdom National Commission (UKNC) for UNESCO.



Professor Peter Midmore, Professor of Economics at Aberystwyth Business School has been elected President of the Agricultural Economics Society.



A volume of poetry by English and Creative Writing lecturer **Dr Gavin Goodwin** was one of four winners of the prestigious Cinnamon Press Poetry Pamphlet Prize for 2017.



Six members of Aberystwyth University were elected Fellows of The Learned Society of Wales: **Professor Elizabeth Treasure**, Vice-Chancellor;



Professor Iwan Morus, Professor of History at the Department of History and Welsh History; **Professor Michael Woods**, Professor of Human Geography and Transformative Social Sciences at the Department of Geography and Earth



Sciences; **Professor Peter Barry**, Emeritus Professor at the Department of English and Creative Writing;



Professor Howard Williams, Emeritus Professor at the Department of International Politics; and **Professor**



Richard Rathbone, Honorary Professor at the Department of History and Welsh History.



PhD student **Siobhan Maderson**, who is studying the environmental knowledge of beekeepers, was a finalist in this year's Economic and Social Research Council (ESRC) writing competition, 'Making Sense of Society'.



Final year Artificial Intelligence and Robotics student **Kieran Stone** won the Computer Science, IT and Physics Undergraduate of the Year award at the annual TARGETjobs Undergraduate of the Year awards.



Law students **Jake Woodcock** and **Jake Moses** were crowned Welsh mooting champions in the Welsh National Mooting Competition 2016.



Congratulations to Physics and Planetary Physics student, **Elliot Vale**, whose GeoRescue concept app was one of twelve winners in the UK Space Agency's SatelliLife Challenge. Designed to help people living or travelling in high risk natural disaster areas, GeoRescue provides real-time information on predicted, at-risk and ongoing disasters.



Second year Business and Management student **James Bryan** won the Future Entrepreneur and Overall Best Business awards at Big Ideas Celebrated, a national competition to find and showcase Wales' best young entrepreneurial talent. James won the awards for his innovative Snapsearch for Snapchat app.



Congratulations to **Iestyn Tyne**, a third year student in the Department of Welsh, on winning the Chair at the 40th Wales YFC Eisteddfod in Swansea.

Mared Llywelyn Williams (Welsh and Theatre Studies, 2014 and Masters in Creative Writing, 2016) scooped the Drama Medal in the 2017 National Urdd Eisteddfod in Bridgend.

Aberystwyth University graduate, **Rhodri Siôn** (Professional Welsh, 2016), was awarded the first Gwobr Goffa yr Athro Gwyn Thomas by the Coleg Cymraeg Cenedlaethol, for the best essay presented in Welsh by an undergraduate university student in Wales.

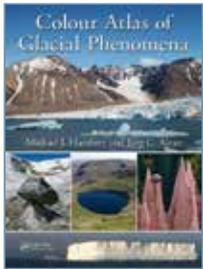
Four of the main prizes at the 2017 Ynys Môn National Eisteddfod – the Crown, the Drama Medal, the Blue Ribbon and the Chair – were won by alumni **Gwion Hallam** (Creative Writing, Welsh and Celtic Studies), **Heiddwen Tomos** (Welsh), **Steffan Prys Roberts** (Countryside Management, 2009) and **Osian Rhys Jones** (Welsh and Welsh History), respectively. The Eisteddfod Chair was made by alumnus **Rhodri Owen** (Fine Art).



L to R: Steffan, Heiddwen, Osian, Rhodri, Gwion.

BOOKSHELF

The following are brief outlines of some of the many books produced by Aber academics over the last year:

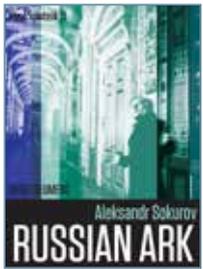


Colour Atlas of Glacial Phenomena

Michael Hambrey (Geography and Earth Sciences) and Jürg C Alean

Considering that glaciers and ice sheets cover about 10% of the Earth's land surface in a world where human civilization is increasingly impacted by the effects of changing glacial activity, *Colour*

Atlas of Glacial Phenomena presents itself as an indispensable guide for students, professionals and researchers who want to be better informed while studying and tracking the future influences of glaciers and ice sheets on the global environment.

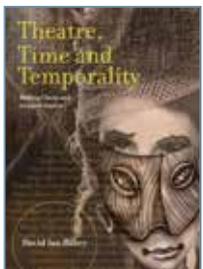


Aleksandr Sokurov: Russian Ark (KinoSputniks companion guides series)

Birgit Beumers (Theatre, Film and Television Studies)

Russian Ark (2002) drew astonished praise for its technique: shot with a steadicam in one 96 minute take, following the

Marquis de Custine as he wandered through the vast Winter Palace – and through 300 years of Russian history. Providing a comprehensive synopsis, in-depth analysis and an account of the production history, in this companion guide, Beumers offers an insight into the now-legendary work of Aleksandr Sokurov.

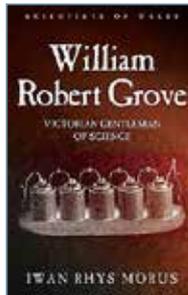


Theatre, Time and Temporality: Melting Clocks and Snapped Elastics

David Ian Rabey (Theatre, Film and Television Studies)

In this first book-length exploration of the subject of temporality within theatre and performance, Rabey brings in sources ranging from medieval and

Renaissance theatre to contemporary performances in addition to recent writings from physics, philosophy, and psychology to analyze ways that time can be presented, communicated, and transformed in the theatre. How do we experience time in theatre, and how can that experience be altered or manipulated? Rabey's analysis and exploration will spark discussion among students and scholars of drama, as well as among practicing performers and dramatic writers.



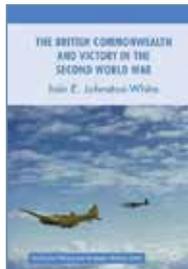
William Robert Grove: Victorian Gentleman of Science

Iwan Rhys Morus (History and Welsh History)

An accessible and authoritative biography of the Welsh man of science, William Robert Grove - an important and highly influential figure in Victorian science.

His career as both man of science and leading barrister and judge spanned the

Victorian age, and he also played a vital role in the movement to reform the Royal Society. This biography will set Grove's career and contributions in context, paying particular attention to the important role of Welsh industrial culture in forming his scientific outlook.

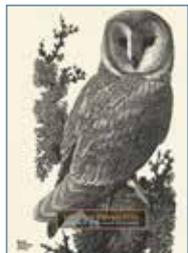


The British Commonwealth and Victory in the Second World War

Iain Johnston-White (International Politics)

The first comprehensive study of the British Commonwealth in the Second World War. Britain and its Dominions, Canada, Australia, New Zealand and South Africa, formed the most durable, cooperative and

interchangeable alliance of the war. A third of the 'British' effort originated in the Dominions, a contribution that was only possible through the symbiotic relationship that Britain maintained with its former settler-colonies. Johnston-White offers a fundamental reorientation in our understanding of British grand strategy in the Second World War.

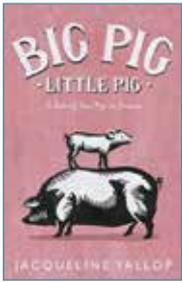


C F Tunnicliffe Prints: A Catalogue Raisonné

Robert Meyrick and Harry Heuser (School of Art)

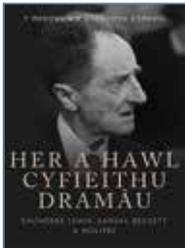
This beautifully detailed Royal Academy of Arts *catalogue raisonné* presents the exceptional etchings, wood engravings and woodcuts of Charles Frederick Tunnicliffe

RA, one of the best-known wildlife illustrators of the 20th century. It includes 400 colour images across 336 pages, along with in-depth and illuminating text from printmaking experts Meyrick and Heuser.



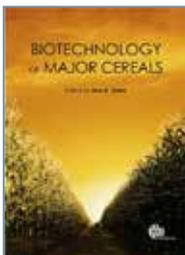
**Big Pig, Little Pig:
A Tale of Two Pigs in France**
**Jacqueline Yallop (English and
Creative Writing)**

When Jacqueline moves to south-west France with her husband, she embraces rural village life and buys two pigs to rear for slaughter. But as she gets to know the animals better, her English sentimentality threatens to get in the way and she begins to wonder if she can actually bring herself to kill them. This is a memoir about that fateful decision, but it's also about the ethics of meat eating in the modern age, and whether we should know, respect and even love the animals we eat.



**Her a Hawl Cyfieithu
Dramâu: Saunders Lewis,
Samuel Beckett a Molière**
**Rhianedd Jewell (Welsh and Celtic
Studies)**

This is the first study made of the translations of one of the giants of drama, Saunders Lewis. His translations of the works of French playwrights Samuel Beckett and Molière uncover a new and revealing side to the author who was not known as a translator but as a playwright, a novelist and a politician. The book deals with the history of translations and adaptations in Welsh language theatre and their important contribution to the development of Welsh language drama; it also considers the importance of Europe, and especially France, to Saunders and the significance of this as a foundation to his translations. The book discusses the way his style of translation reflects his personal and professional developments over a period of forty years, as well as the role of the translator in the world of theatre – what right does a translator have to adapt a literary piece, for example, and where does the boundary lie between translation, adaptation and creating new text, and to what extent therefore does the new translation have a cultural value in its own right.



**Biotechnology
of Major Cereals**
Editor: Huw Jones (IBERS)

Biotechnology of Major Cereals focuses on the recent advances and future prospects in cereal biotechnology. The first part of the book covers the world's major cereals and focuses on new developments and trends. The second part is technology rather than species-led, detailing fundamental developments in technologies and significant target traits.

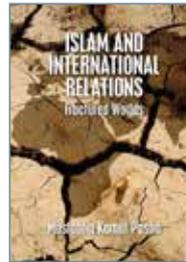


Ruddigore
(WS Gilbert & Arthur Sullivan)
Editor: David Russell Hulme
(University Music Centre)

The Yeomen of the Guard
**(WS Gilbert & Arthur Sullivan,
ed. Colin Jagger)**

Consultant editor: David Russell Hulme
(University Music Centre)

This 2000 OUP edition of *Ruddigore* (2 vols: full score critical edition and piano/vocal score) has been revised for issue in paperback in 2017. The first critical edition of a full-length Savoy Opera, this ground-breaking publication set a benchmark for subsequent work in the field. Containing a significant quantity of lost or corrupted material, it was recently staged by Opera North. A foremost authority in the field, David Russell Hulme drew on his exceptional knowledge to make a major contribution as consultant editor of OUP's new edition of *The Yeomen of the Guard* - arguably one of the greatest British operas, also published this year.



**Islam and International
Relations: Fractured Worlds**
Mustapha Kamal Pasha
(International Politics)

This volume reframes and radically disrupts perceived understanding of the nature and location of Islamic impulses in international relations. This collection of innovative essays written by Mustapha

Kamal Pasha presents an alternative reading of contestation and entanglement between Islam and modernity. Wide-ranging in scope, the volume illustrates the limits of Western political imagination, especially its liberal construction of presumed divergence between Islam and the West. Split into three parts, Pasha's articles cover Islamic exceptionalism, challenges and responses, and also look beyond Western international relations.



**Remembering
the Second World War**
**Editor: Patrick Finney (International
Politics)**

This book brings together an international and interdisciplinary cast of leading scholars to explore the remembrance of this conflict on a global scale. Conceptually, it is premised on the need to challenge

nation-centric approaches in memory studies, drawing strength from recent transcultural, affective and multidirectional turns. Divided into four thematic parts, this book largely focuses on the post-Cold War period, which has seen a notable upsurge in commemorative activity relating to the Second World War and significant qualitative changes in its character.

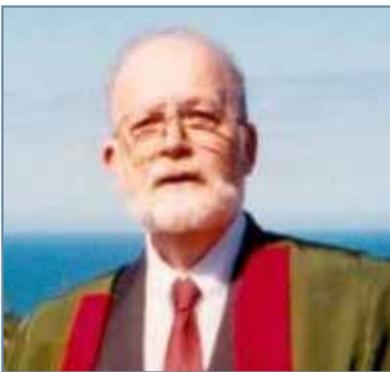
OBITUARIES

It is with great sadness that we record the loss in these pages of alumni, students, Fellows and members of staff, past and current, of whose passing we have been informed during the last year. Our sincere condolences go out to the family and friends of those listed here.

Full obituaries can be found at www.aber.ac.uk/en/development/alumni/obituaries/

FELLOWS

Joseph Patrick Clancy (1928 – 2017)



Born in New York City in 1928, Professor Joseph P Clancy was the foremost translator of Welsh literature, both medieval and modern, into English, and a renowned poet in English in his own right.

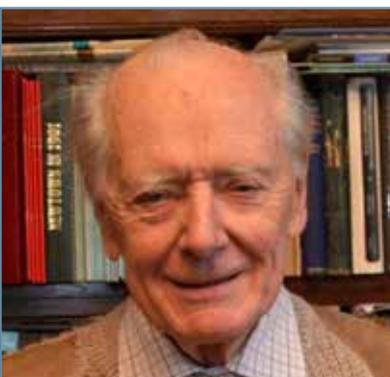
His discovery of Welsh literature came when, after reading an English translation of a medieval Welsh poem, Joseph decided he could do better and proceeded to teach himself the language.

After a number of short periods of study in Wales he embarked on a year-long sabbatical here in Aberystwyth in 1972.

When he retired from teaching in 1990, he and his wife Gerrie made Aberystwyth their home for more than 20 years.

A Fellow of the English Language Section of Yr Academi Gymreig, Honorary Fellow of Aberystwyth University, and Emeritus Professor of English at Marymount Manhattan College, he was also awarded an honorary D Litt by the University of Wales for his work as poet and translator.

Glyn Tegai Hughes (1923 – 2017)



Credit: BBC

Glyn Tegai was an ascetic academic and one of Wales's best literary critics, combining a profound knowledge of writing in the Welsh language with a keen interest in the literature of Germany and Switzerland.

Born in Chester in 1923, the son of the Reverend John Hughes, a Wesleyan minister, Glyn Tegai served four years as captain and then temporary major with the Royal Welsh Fusiliers.

After the war he attended University at Corpus Christi, Cambridge, where he was the Donaldson Scholar, took first-class honours in modern languages tripos, and was then awarded his doctorate.

Whilst at University he became involved in politics. He stood as the Liberal Party's candidate in the West Denbigh division three times between 1950 and 1959, coming a close second each time.

In 1952 he was appointed lecturer in English literature at the University of Basel, before spending eleven years at the University of Manchester, first as lecturer in comparative literary studies and then as tutor in the faculty of arts.

In 1964 he was appointed as the first warden of Gregynog Hall, the University of Wales residential centre, where he set about reorganising its library, replanning its 750 acres, and reviving the Gregynog Press, one of the great private presses of the interwar years.

He also participated in public affairs as chairman of Undeb Cymru Fydd (1968-70) (an all-party organisation created to campaign for a Parliament for Wales), member of the Welsh Arts Council, was appointed National Governor for BBC Wales and chairman of the Broadcasting Council for Wales (1971-79), was vice president of the North Wales Arts Association (1977-94), president of the Private Libraries Association (1980-82), a member of S4C, and chairman of the Welsh Broadcasting Trust (1988-96). He was awarded an honorary fellowship of Aberystwyth University in 2000.

Margaret Joy Welch (1926 – 2017)



Originally from Galgate, near Lancaster, Joy graduated from Aberystwyth with a BSc in Economics in 1950, having also studied geography and philosophy, and being women's tennis captain in 1948.

At 17, Joy had volunteered to join the Women's Royal Naval Service during WWII and was posted to Eastcote, near Ruislip. Eastcote was an outpost of Bletchley Park, known as HMS Pembroke V. It housed 100 Bombe codebreaker machines which were used to decode German Enigma messages. Even Joy's closest family were told nothing of her role until the information became declassified in the 1970s.

Joy made philanthropic donations to a number of projects at Aberystwyth University over the years, individually, and through the Joy Welch Educational Charitable Trust which she established in 1988. Joy was particularly interested in scientifically-based post-graduate projects with potential benefits to the UK economy. In recognition of her long-term support, she was awarded an Honorary Fellowship of Aberystwyth University in 1998.

Joy is remembered as being a forthright, feisty woman, determined, unconventional and not always at ease in the world in which she found herself. She was a loyal friend and relative and hugely generous to many who were lucky enough to know her and to many people she never met.

Janet Lewis Jones (1950 – 2017)



Credit: Community Foundation in Wales

When Janet Lewis Jones was made an Honorary Fellow of Aberystwyth University in 2008, she was Vice President of the British Board of Film Classification. This was but one of the many spheres where Janet made a wonderful contribution to public life.

Janet read law at Liverpool University and was called to the bar but opted for the Civil Service (Home Office, Cabinet Secretariat, Privy Council Office).

She served on the boards of many charities including Barnardos, the Baring Foundation and the Carnegie UK Trust.

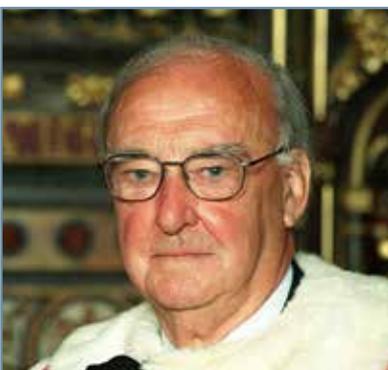
She also served on the Boards of the BBC, the British Board of Film Classification, the Postal Services Commission, the Strategic Rail Authority, British Transport Policy Authority, British Waterways and was for more than 10 years a board member of S4C, including, for a time, its Chairman.

She was advisor to the Bishops in the Lords and worked closely with Rowan Williams when he was Archbishop of Canterbury.

She moved back to Wales in 1986 when she joined the team co-ordinating the privatisation of the water industry. And then 15 years later Janet played a pivotal role in the "de-privatisation" of Welsh Water.

Janet was a remarkable person, a polymath who did and achieved so much for others, a wonderful Welsh woman, or as she would have put it herself, "a very good egg".

Lord Gwilym Prys-Davies of Llanegryn (1923 – 2017)



Credit: TopFoto/UPP

Gwilym Prys-Davies, who read Law at Aberystwyth and was President of the Students' Union, played an important part in the political life of Wales and was a passionate advocate of Welsh devolution.

Initially a member of the Welsh Republican Movement, Prys-Davies later joined the Labour Party where he authored a document in 1963 which set out the possibilities of an elected government in Wales.

In 1966, after failing to be elected to a seat in the House of Commons, Prys-Davies returned to his practice as a solicitor in Pontypridd, specialising in representing the victims of industrial diseases. As well as advising miners and their families on litigation issues, he helped to ensure that parents of the child victims of the Aberfan disaster secured proper legal representation.

With a strong interest and concern for public health, he was appointed chairman of the Welsh Hospitals Board in 1968.

In 1974, another Aberystwyth alum, John Morris (now Lord Morris of Aberavon) was appointed Secretary of State for Wales, and announced his intention of introducing devolution to Wales. He appointed Prys-Davies as his part-time political adviser. It would be some 23 years before the Welsh Assembly would be established.

In 1982 Prys-Davies took a seat in the House of Lords, and was the first peer to swear the oath in Welsh.

Rt Hon Rhodri Morgan (1939 – 2017)



Credit: National Assembly for Wales - photo licenced under CC by 2.0

Born in Cardiff, Hywel Rhodri Morgan was the son of T J Morgan, Professor of Welsh at Swansea University, and Huana Rees, a teacher.

Rhodri attended Whitchurch High School, Cardiff, gained a degree in Philosophy, Politics and Economics (1961) at St John's College, Oxford, followed by a master's in Government (1963) at Harvard University.

In his early career he was a tutor for the Workers' Educational Association (1963-65), a research officer for local and central government (1965-71), an economic adviser to the Department of Trade and Industry (1972-74), Industrial Development Officer for South Glamorgan CC (1974-80), and head of press and information for Wales for the European commission (1980-87).

Despite coming from an eminent academic family, he turned to a career in politics by becoming MP for Cardiff West in 1987 where he remained until 2001. He was the Shadow Environment Spokesman (1988-94), and also Chairman of the House of Commons Select Committee on Public Administration (1997-99).

Rhodri's particular love was Wales, and as devolution arrived, he opted to become a member of the Welsh National Assembly. Elected as the assembly member for Cardiff West in 1999, he was promptly appointed as the Assembly Secretary for Economic Development and European affairs.

In February 2000, Rhodri became the First Secretary of the National Assembly. In May 2007, he was transformed into the first First Minister of Wales, as the Government of Wales Act 2006 created the Welsh Assembly Government, answerable to the National Assembly for Wales. He retired as leader of the Welsh Labour Party and First Minister in December 2009.

Rhodri was a regular visitor to west Wales where he and his wife Julie enjoyed spending their summer holidays on the Ceredigion coast

He was awarded several honorary degrees and was conferred an Honorary Fellow of Aberystwyth University in 2009. In 2011 he was appointed Chancellor of Swansea University and held the post until his death on 17 May 2017.

Gareth Llewelyn Howell (1942 – 2018)



Gareth Howell was recognised for devising innovative and practical solutions to problems in countries in transition or recovering from major crisis situations. He was known to be generous and gracious, and was recognised as a valuable mentor and advisor to many. For these contributions and his lifelong support of Aberystwyth University, he was conferred an Honorary Fellow and the commencement speaker at the Law School graduation on July 20, 2017.

Gareth was born in Rhiwbina, near Cardiff, to William Llewelyn (Lyn) Howell and Myfanwy Howell on October 14, 1942. He was educated at Cowbridge Grammar School and at Mill Hill School, near London, gained an Honours Degree in Law from the University of Wales, Aberystwyth (1963) and was a member of The Honourable Society of Gray's Inn, London.

His contributions in varied global settings began by working in labour relations at the Ford Motor Company and then later as a consultant to the International Labour Organisation (ILO) and the World Bank Group (WBG), where he helped design and promote economic development strategies. These assignments took him to live in Colombia, Pakistan, Thailand, Indonesia and Europe. In 1996, during the immediate post war period in Bosnia-Herzegovina, Gareth led a World Bank/European Union task force to raise \$130 million to re-employ ex-combatants, and also notably helped to improve the quality of higher education and technical education in Nepal and Pakistan through the efficient use of World Bank loans.

In 1999, Gareth relocated to New York City and was made acting head of the ILO office to United Nations Headquarters. Here he worked with the Secretary General to spearhead post-war reconstruction in Kosovo and East Timor, and to raise global standards of corporate social responsibility including alleviation of abusive employment practices in child and migrant labour, in addition to steps to redress alleged forced labour in Burma and elsewhere.

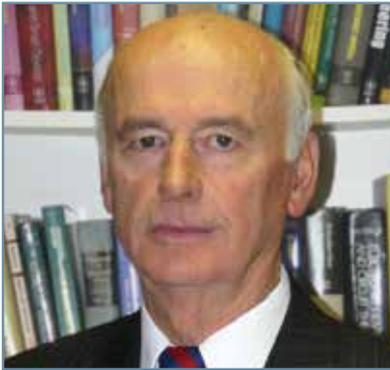
He supported economic and social developments in El Salvador, Georgia, Morocco and Namibia by assisting governments to maximise the impact of major grants of the US State Department's Millennium Challenge Corporation (MCC).

Gareth was as a Magistrate in Wales and drafted early proposals for Welsh constitution development, eventually enacted in 1999. He never lost his passion for the Welsh heritage and he donated his extensive personal library of Welsh language books to the Madog Center for Welsh Studies in Ohio. He was also President Emeritus of the St David's Welsh-American Society of Washington, DC, a board member of the Welsh North American Association, and North America Secretary for the Welsh Legal History Society.

He was fluent in Welsh and several other languages, including French, Spanish, German and Urdu.

Gareth passed away at his home in Falls Church, Virginia, on 4 January 2018 and is survived by his wife of 30 years, Amy Titus, and two sons, Llewelyn and Rhys.

David Vernon Morgan (1941 – 2017)



Professor Vernon Morgan who grew up in Pwll, near Llanelli, became one of Wales' most distinguished electronic engineers and an inspiring academic. His research interests involved the physics and technology of semiconductor materials, devices and integrated circuits.

He obtained a Physics BSc and MSc from University College of Wales, Aberystwyth, a PhD at Gonville and Caius College and the Cavendish Laboratory at the University of Cambridge, his DSc (Eng) at the University of Leeds, held a University of Wales Fellowship at the Cavendish Laboratory (1966-68), and a Harwell Fellowship (1968-70).

In 1970, Vernon joined the faculty at University of Leeds where he remained until joining Cardiff University in 1985. At Cardiff he was a distinguished research professor and the Former Head of the School of Engineering (1992-2002), building its reputation as an internationally-renowned School for the quality of its research.

His many career honours include Fellowship of the Royal Academy of Engineering (1996), Fellow and Vice President of the Institute of Physics (1992-96), Fellow of the City & Guilds Institute (1998), awarded the Papal Cross by Pope John Paul II for Distinguished Service to Higher Education (2004), Fellow of the Institution of Engineering and Technology (IET), senior member of the IEEE (USA), Cardiff Honorary Distinguished Professor (2010) and one of the first cohort of Fellows of the Learned Society of Wales (2011).

Vernon met his wife Jean whilst at Aberystwyth and became an Honorary Fellow of the University in 2006.

STAFF

Professor Sandra Brown (1944 – 2017)

An internationally distinguished scientist, Professor Sandra Brown was appointed Honorary Professor at the Department of Geography and Earth Sciences (DGES) in 2012. Her long and accomplished career focused on tropical forests and specifically on the impacts of human-induced deforestation and degradation on carbon pools and fluxes. A tribute to Professor Brown can be found on the Winrock International website: www.winrock.org/news/in-memoriam-dr-sandra-brown-1944-2017.

Professor Harold Carter (1925 – 2017)

Harold Carter graduated from Aberystwyth with first class honours in 1950, joining the Geography Department as an assistant lecturer and completed his MA in 1952. In 1964 he became Dean of the Arts and appointed Gregynog Professor of Human Geography in 1968. From 1981-83 he took on the role of Deputy Principal, appointed Head of Geography in 1983, followed by Dean of the Welsh Medium Studies, a role he fulfilled until his retirement in 1986. Harold also spent periods as visiting professor at Cincinnati and Maryland universities in the US, and Stellenbosch University in South Africa. He was inducted into the Gorsedd of the Bards at the National Eisteddfod in Llanrwst in 1989, and elected to the Learned Society of Wales in 2011.

Dr John Corton

John was a well-known and valued member of staff at IBERS. He first came to Gogerddan in 2010 to do his PhD and was part of the international ProGrass research project to produce bio-energy from mature grasslands. John received his doctorate in 2015 and became a Post Doctoral Research Assistant on the BEACON project working in the field of converting biomass into biobased products. He also taught on the MSc in Green Biotechnology.

Dr Bernard Delagneau

Originally from France, Dr Delagneau was appointed Lecturer in Marketing in the Department of Agricultural Economics in 1971, a position he held for 28 years until his retirement in 1999.

Dorothy Evans

Dorothy Evans was a former secretary in the Department of European Languages and manuscript-typist to a whole host of colleagues in the period between the 1970s and 1990s.

Rhiannon Hughes (1937 – 2016)

Rhiannon Hughes joined the then University College of Wales Aberystwyth in September 1953 as secretary to the University Librarian Mr Arthur ap Gwynn. During her career she worked for two other University librarians, Dr Hywel D Emanuel and Mr William Dieneman, before joining Information Services in 1995, when she became secretary to the first Director of IS, Dr Mike Hopkins. By the time she retired in April 2002, Rhiannon had served the University for 49 years.

Dr Michael (Mike) Johnston

An alumnus of Aberystwyth, Dr Mike Johnston gained his BSc in Zoology in 1957, and his PhD at the National University of Australia, Canberra, in 1967. He researched widely in the field of fish parasitology. He was for many years an admissions tutor for the Institute of Biological Sciences at Aberystwyth University, and an academic tutor in the department for 30 years.

Professor Emeritus Bobi Jones (1929 – 2017)

Bobi Jones graduated with a first class degree from Cardiff University in 1949 and an MA degree from University College Dublin in 1951. He taught in schools (Llanidloes and Llangefni) and was the head of the Welsh Department of Trinity Saint David's College (1952-1958), before joining Aberystwyth in 1958 as a lecturer in education and did pioneering work on bilingualism and child language. After completing his doctorate in 1965, Bobi joined the Department of Welsh as a lecturer in 1966, revolutionised the discipline, introducing students to creative writing and literary theory. He firmly believed that the survival of the Welsh language lay in attracting adult learners. He was appointed to the Chair in Welsh Language and Literature in 1980, and retired in 1989.

Dr Sandra Pierre (1978 – 2017)

Dr Sandra Pierre had been a colleague and friend to many in IBERS and the wider University community over several years. In research, she made significant contributions to understanding plant biochemistry to improve the health of plants and also of the humans who eat them. Between 2006 and 2010, she worked on her PhD at IBERS which focused on the study of Witches' Broom Disease of *Theobroma cacao*. Prior to this she studied at Paris VI University and Angers University in France.

Jacob Thomas Pugh (1938 – 2017)

Jacob was formerly a porter in Llandinam and Llanbadarn.

Rosemary Law (1939 – 2017)

Originally from Northern Ireland, Rosemary came to Aberystwyth in 1964, and worked as a part-time secretary in the Department of Sociology, before moving to the Computer Science Department. She held the post of Administrative Officer in Computer Science from 1990 until her retirement in 2001. She, along with her husband David, served as a warden of Plynlimon and Caerleon Halls from 1986-88, where her sympathy and common sense in dealing with students' problems proved immensely valuable. Rosemary was for many years an active member of NALGO and its successor UNISON, and was a longstanding and enthusiastic member of the University Women's Club.

Professor David Wulstan (1937 – 2017)

Professor David Wulstan was Emeritus Professor of Music and Honorary Professor in the Department of Modern Languages at Aberystwyth University, and Honorary Fellow of St Peter's College Oxford. Having studied music at Magdalen College, Oxford, he was Professor of Music at University College Cork, before being appointed to the Gregynog Chair of Music at Aberystwyth University in October 1983. As a scholar, he edited and reconstructed numerous works by Tudor composers, and published extensively in the field, including two full length books. He also composed for film and television.

SINCERE CONDOLENCES TO THE FAMILIES AND FRIENDS OF:

* Denotes OSA member

Aderaye, Mr Marcus Curtis
(Physical Geography, 2014),
died January 2017

Anderson, Mr Paul Howard
(Education, 1970), died
November 2016

Ball, Mr Lewis Aidan (Film
and Television Studies,
2014), died February 2017

Baskerville, Mrs Eirionedd
Ann, née James, (Welsh &
Welsh History, 1990), died
January 2017*

Best, Mr Darrin Francis
(History & Politics, 1987),
died August 2017

Bethell, Mr John Pennington
(Geography, 1950), died
April 2017*

Bowen, Yr Athro D J (Welsh,
1949), died August 2017*

Broadhurst, Mr Robert
(Drama and Theatre
Studies, 2014), died
January 2017

Clancy, Yr Athro Joseph P,
died February 2017

Clark, Miss Sian Elizabeth
(Business with Welsh,
2002), died March 2017

Corton, Dr John (Biological
Sciences, 2014), died April
2017

Delagneau, Dr Bernard
André, died May 2017

Edwards, Mr Christopher
Scott (Environmental
Impact Assessment, 1997),
died January 2017

Fisher, Mr Michael
Leonard Vincent Arthur
(International Politics,
1971), died July 2017

Garrington, Mrs Sally Lucy,
née Wood, (Geography,
1974), died December
2016*

Green, Mrs Elizabeth, née
Hope, (International
Politics, 1974), died
September 2016*

Hall Williams, Mrs Nia, née
Wynn Jones, (1948), died
December 2016*

Humphreys, Ms Nicola
Charmian (Plant Breeding),
died January 2017

Johnson, Mrs Patricia, née
Kennedy, (History, 1964),
died September 2016

Johnston, Dr Michael Richard
Lascelles (1959), died April
2017*

Kirkwood, Dr Ralph C
(Upland Ecology, 1959),
died December 2016

McDonald, Mrs Meinir,
née Lewis, (1961), died
February 2017*

McGinty, Mr Michael
(International Politics
& History, 2006), died
November 2016

Mercer CBE, Professor Ian,
died September 2016

Middleton, Mr Kenneth
Rigby (1939), died July
2017

Middleton, Mr William
Haydn (Geography and
Geology, 1953), died March
2017

STUDENTS

Caitríona Lucas



Caitríona was an Information and Library Studies distance learning student. Caitríona died whilst on active service as a volunteer with the Doolin Coastguard. At the graduation ceremonies in July 2017, Caitríona's family received her posthumous degree in her memory (see page 9).

Emily Price



Emily Price was a final year student studying Mathematics and Physics. Emily contributed fully to the life of both departments, and had a particular interest and talent in communicating science to young people and encouraging them to study the subjects that she cared about so much. At the graduation ceremonies in July 2017, Emily's family received her posthumous degree in her memory (see page 9).

Moyle, Rt Hon Roland Dunstan (Law, 1949), died July 2017*

Padfield, Mrs Janet , née McLellan (Msc in Agricultural Botany 1967) died August 2016

Parker, Dr Geoffrey (Geography & International Politics , 1957), died November 2016*

Pollard, Mrs Dilys, née Thomas, (Music, 1943), died December 2016*

Pugh, Dr David Michael Pryce (Chemistry, 1954), died July 2017*

Purse, Dr John G (Botany, 1974), died November 2016

Rees, Mr Michael, died December 2016

Roberts, Dr Geoffrey Ransford (Economics, 1951), died December 2016*

Smart, Miss Mary Kathleen (Geography & Anthropology, 1946), died December 2016*

Thomas Brown, Ms Shelley Annabelle (Music, 1981), died August 2017

Thomas, Mrs Joyce, née Lewis, (Mathematics, 1947), died November 2016*

Thomas, Professor John Donald (Zoology, 1950), died March 2017

Trood, Dr Russell Brunell (International Politics, 1978), died January 2017

Trotman-Dickenson, Sir Aubrey Fiennes died November 2016

Wainman, Ms Susan Margaret (Equine Studies, 1985), died December 2016

Weaver, Mrs Jennifer Myfanwy, née Norman, (Life Sciences, 1960), died June 2017*

Whatley, Ms Clare Ilona, née Duley, (MicroBiology, 1983), died November 2016

Williams, Miss Gaynor, died July 2017

Williams, Mrs Margaret Evelyn, née Jones, (1968), died July 2017*

Wooldridge, Mr Roylance (Mathematics, 1940), died December 2016

Wooloff, Miss Mary Margaret (French, 1942), died October 2016*

Wyatt, Professor Peter A H (Chemistry, 1945), died November 2016*

Wyer, Mr Richard, died November 2016

KICKING THE BAR

A Hundred Years of Solitude

by Dr Russell Davies

Centenary celebrations seem to have become an established part of our lives in recent years. The births of the dynamic poetic duo, Dylan and R S Thomas - the drunkard and the doubter, the profligate and the preacher - were respectfully noted and swiftly followed by the festivities to mark the birth of the greatest Welsh storyteller - Roald Dahl. His parents believed that if a pregnant woman surrounded herself with beautiful objects, then the child would grow to create wonderful things. Judging by some of her son's cruel characters and terrifying unexpected tales, Mrs Dahl must have had a horrific time in Cardiff in 1916.

This trinity were war babies, conceived and born during the Great War which has given rise to a series of sombre recent centenaries. During the next few years, as the mincer of history grinds from war to peace, we will celebrate more peaceful events. The University will note the first centuries of the departments of International Politics and Geography and the Welsh Plant Breeding Station. They were established in the spirit of optimism that so marks the post war years. For those people hope sprang more eternal than infernal, for they were unaware that theirs was an inter-war generation as they sought to create a brave new world. The three became bright stars in the world's academic firmament, vindication of the nobility of their founders' ambitions.

One of the most remarkable testimonies to such feelings of pride in the past and hope for the future through remembrance of the glorious dead, stands alongside Old College. On a perilous rock high above the wave-lashed and wind-swept promenade,



two female figures are suspended. Timeless statues that would not grow old as other art grows old. They are the work of the Italian sculptor Professor Mario Rutelli of Palermo (1859-1941).

On top of a tapered shaft of stone, laurel wreath outstretched, flies the feyly angelic form of Nike the goddess of victories. The pneumatic lower figure represents humanity, emerging from the tempests of war. Somehow in all the excitement she has lost all her clothes, her modesty is only slightly saved by a few fronds of seaweed. She is possibly the most buxom statue in Wales, with the normally sedate *Pevsner Architectural Guide* noting with surprise that the statue is 'unexpectedly sensual for a Nonconformist country'.

Professor Rutelli cast another notable statue on the seafront. The late, great E L Ellis, the historian of the University's first century, used to tell us in his special subject on Britain Between the Wars, the story that the first football XI played so badly in 1936, that between their first victory and their next, there had been three kings. One of them stands in front of Old College.

The next time you promenade during your reunion, before you kick the bar, take a look at his statue - it is the only one of the elusive king Edward VIII in the UK. During our first year 1976, he literally lost his head when someone (- are you reading this?) sawed it off - it was a change from the usual rag-day stunt of painting him yellow, or popping a bollard on his head.

When it was recovered those responsible for soldering the head to body did so with little artistic flair. Yet this is apt for the monarch now looks appropriately shifty. He stares, not at the viewer, but avoids eye-contact, seemingly looking down into the armpit of his academic regalia. Like me in this essay he is looking for the exit.





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