

UNIVERSITY OF  
Southampton

# Hartley news

Alumni Magazine | Summer Edition 2014



# Maintaining intellectual and practical capability

Discussing reductions in the UK military budget

**Warfare: a century of change**

Exploring how war has changed since the First World War

**Inspiring women**

Aspiring to improve equality for women in higher education

**In my own words**

A conversation with the Production Designer of *Dr Who*

# In this issue

I am delighted to introduce this issue of *Hartley News*, the magazine for University of Southampton alumni and friends.

In this issue, to mark the centenary year of the beginning of the First World War, we explore how war and conflict has changed over the last 100 years. Discover how industry, technology, terrorism and even psychology play their part on page eight.

The University aspires to improve fairness and equality for women in higher education and in March we participated in the global celebrations for International Women's Day. On page 12, find out how the University is improving equality, and how important role models are for women from some of our successful alumnae.

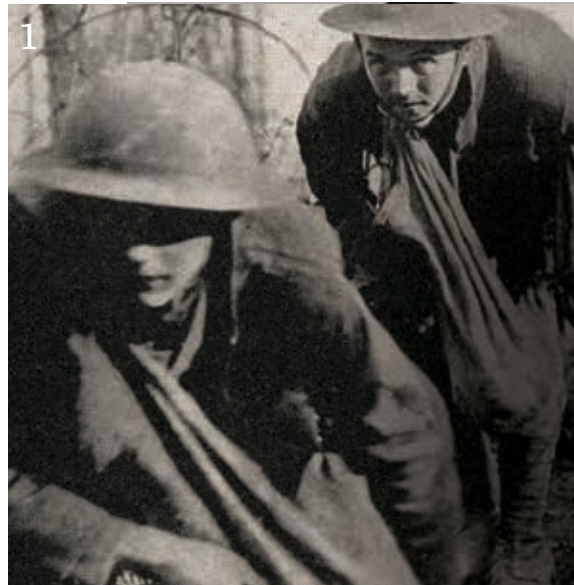
On page 16 we are continuing the military theme with an opinion piece on the recent reductions in the UK military budget. Dr Neil Richardson, Director of Military Education at the University gives Caroline Wyatt (BA English and German, 1989), BBC Defence Correspondent his views on whether the UK will be able to defend itself in the future.

We continuously strive to listen to feedback from you on what you want to hear about at your University. On page 18 you can discover what your community as a whole thinks by reading about the results of our recent Alumni Survey.

I hope you enjoy reading about your University's achievements in this issue of *Hartley News* and that you will continue to stay involved with your alumni community. With your continued input and support we can realise our aspirations, and in doing so continue to change the world for the better.

Professor Don Nutbeam (MA, 1983; PhD, 1988)  
Vice-Chancellor





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# Causes of war

**Research at Southampton aims to bring into focus the crucial role that the Habsburg Empire played in causing the First World War.**

The murders in Sarajevo on 28 June 1914 of Archduke Franz Ferdinand and his wife were notoriously the spark that ignited the Great War of 1914-1918. They were evidence of an unresolved 'Southern Slav problem' in the Habsburg Empire, and of serious social and ethnic tensions which the Empire's rulers seemed incapable of resolving.

The regional context in which their deaths occurred, especially in terms of Austria's relations with Serbia, remains controversial. Mark Cornwall, Professor of Modern

European History at the University and Britain's leading authority on Austria-Hungary, is exploring trends of loyalty and treason in the Habsburg Empire and how these produced the outbreak of war and the Empire's complete collapse in 1918. In June, he is also organising a major international conference at the University on 'Sarajevo 1914: Spark and Impact.'

"There has been a tendency in the last 20 years for historians to suggest that the Habsburg Empire was becoming more stable on the eve of the First World War, but my research suggests the opposite," says Mark. "The First World War moreover was a global conflict. The danger in this

anniversary year is that we focus only on the western front and the struggle between Britain and Germany, ignoring the major war in the East between Austria-Hungary and Russia."

Mark explains that interpreting the break-up of the Habsburg Empire is always difficult due to the number of languages that historians require in order to read the contemporary documents. "But that is the excitement for me, working in these different languages to uncover new perspectives on why citizens of the Habsburg Empire turned against it during the First World War."

# Understanding blood cancer

**Research from Southampton, in partnership with Salisbury District Hospital, is improving the diagnosis and treatment of blood cancers.**

Blood disorders called myeloproliferative neoplasms (MPN) cause a breakdown in the regulation of normal blood cell production – too many blood cells are created, meaning the blood can become thick. Some MPN subtypes have a high likelihood of progressing to full-blown leukaemia, whereas for other subtypes progression to leukaemia is uncommon.

Around 3,300 people are diagnosed with MPN in the UK every year and most people who develop it are aged 50 and over.

Now, following a £1.3m grant from the charity Leukaemia & Lymphoma Research, Nick Cross, Professor of Human Genetics and Director of the Wessex Regional Genetics

Laboratory, is leading a five-year project to improve our understanding of how the disorders develop into leukaemia and how they can be treated.

“We have worked for a number of years looking at these blood disorders and have identified several important genes that contribute to the development of the diseases. The new technology now available will provide a much more in depth analysis of all genes,” says Nick.

Using state-of-the-art technology known as next-generation DNA sequencing, the team will study the genetic changes that occur within cells that lead to leukaemia. Using this information, they will develop new drugs targeted at specific molecular faults to seek out and destroy MPN cells in the blood.

## Safe nursing

Health Sciences nursing academics from the University and collaborators have conducted research that suggests that hospital nurse staffing, and the proportion of nurses with a bachelor's education, are associated with significantly fewer deaths after routine surgery.

## Combating poverty

Researchers at Southampton are leading on an online project, *WorldPop*, which aims to provide open access to global demographic data that can be used to help tackle challenges such as poverty, public health, sustainable urban development and food security.

## Engineering solutions

A team of students from the University has designed an innovative helmet that monitors a soldier's heartbeat and temperature, along with other factors such as body position, when they are out on the battlefield.

## Photonics gateway

A new web portal for photonics (UKPhotonics.org), hosted by the University, has been launched that maps the UK's activity in the sector, so that industry and academia can discover resources and collaborators.

## Water uptake of crops

The increased global consumption of food means that there is an increasing yield gap between crop production and crop usage. To help tackle this issue, a team of scientists from the University of Southampton has used advanced mathematical modelling techniques to understand the precise role soil structure plays in water uptake.

## Early human settlements

Research led by Southampton has found that early humans were driven by a need for nutrient-rich food to select 'special places' in northern Europe as their main habitat. Evidence of their activity at these sites comes in the form of hundreds of stone tools, including hand axes.

To find out more about these stories, visit [www.southampton.ac.uk/mediacentre](http://www.southampton.ac.uk/mediacentre)

## Silver shoppers



**Research at the University's Winchester School of Art is investigating the challenges elderly consumers face in supermarket shopping and developing solutions to improve their experiences.**

An ageing population is a global challenge. According to the Ageing Population Report 2011 from the Office for National Statistics, 23 per cent of the UK population will be over 65 years old by 2035, compared to 15 per cent in 1985.

Dr Yuanyuan Yin, Lecturer in Design Management, in collaboration with Tsinghua University in China, has identified challenges common to both UK and Chinese shoppers. “Participants from both countries commented that the supermarket shelves are too high,

information on the labelling is too small and the aisles are too narrow,” says Yuanyuan.

Yuanyuan and her team have developed seven new products which can help make shopping easier for older consumers, ranging from a foldable ‘smart trolley’ to a ‘mini-market’, which combines the benefits of online shopping with enabling older people to come into the store to socialise.

“Following our preliminary study, one of the UK's largest retailers, Sainsbury's, has applied some of our suggested methods to its daily working across its stores nationally. For example, we identified that consumers have problems with reading information such as the ‘best before’ date on packaging, so for the products Sainsbury's produces it has increased the size of this text,” Yuanyuan explains.

# Professional development for army officers



**The University's School of Education has an ongoing partnership with the Directorate of Educational and Training Services in the Army, to provide continuing professional development for Army officers.**

Within months of starting their careers Educational and Training Services (ETS) officers can find themselves teaching leadership and management, numeracy and literacy, current affairs, cultural awareness and languages, as well as training others how to teach.

The School of Education, in collaboration with ETS, designed a flexible, integrated course that combines the University's postgraduate certificate in education

(PGCE) with the ETS induction and initial 18 months of service. Through a blend of residential courses, e-learning and supported distance learning, officers can continue their professional development wherever they are in the world. Once officers have completed the PGCE they progress onto a postgraduate diploma, delivered in the same way, before finally completing an MSc in educational practice and innovation.

The partnership between the University and the ETS has enabled education officers to be introduced to a broader range of teaching methods, including coaching, and increased awareness of the individual learning styles and needs of soldiers. "Teacher training and professional awards for army educators has

improved the operational capability of the British Army. The Army is recognised as one of the best providers of basic skills in the country and is at the forefront of integration of functional skills into Army training," says Dr Martin Dyke, Senior Lecturer in the Southampton School of Education.

Martin explains that the flexible and blended modes of delivery have been admired by other parts of the uniformed services and similar arrangements have been made with the Royal Military Academy, Sandhurst. "The model has enabled a rethink of how university programmes are provided to support lifelong learning and work-related learning through employer engagement," Martin adds.

# Campaign for the Centre for Cancer Immunology

Jon Stanwyck,  
clinical trial participant



**In autumn 2014, the University is to launch its first-ever, large-scale, fundraising campaign to establish a world-leading research centre that will fundamentally change the way we treat cancer.**

Southampton is the UK's leading centre for cancer immunotherapy and is recognised for translating laboratory research through clinical trials to new treatments for patients. Professor Iain Cameron, Dean of Medicine at the University, explains that the multimillion pound campaign will help combine existing expertise with new teams, key collaborators and the latest technology to quickly bring new treatments to patients everywhere. "The next few years will see great progress in immune therapies for cancer with the University at the very forefront of discovery," he says.

Already cancer patients are seeing the benefits of the University's life-saving work. Jon Stanwyck was diagnosed with non-small cell lung cancer in 2008 and given a prognosis of six months. He was invited to take part in a trial of Stimuvax, a drug that boosts the body's own immune system, at Southampton and after five years on the drug he has been cancer free. "I truly believe that clinical trials that explore how the immune system can be manipulated to fight cancer offer great promise. For patients with serious cancer conditions like mine, these clinical trials offer real possibilities," he says.

Look out for further information on this vital fundraising campaign in the coming months. For more information and to find out how you can help, visit [www.southampton.ac.uk/cancerimmunology](http://www.southampton.ac.uk/cancerimmunology)

## New direction

In its 50th anniversary year, The Nuffield has a new Creative and Executive Director, Sam Hodges. He was previously producer of the Criterion Theatre in the West End of London. He aims to integrate the theatre more fully within the life and consciousness of the city and the University community.

## Taekwondo Olympian

Recent archaeology graduate Hannah Johnson has been accepted into the Taekwondo 2016 Olympic squad. She hopes to train hard and be chosen to represent the UK in Brazil.

## New business links

The major international software company SAS has chosen to partner with the University to enable students to develop the essential skills for a rewarding career in analysing 'big data'. This new partnership highlights the University's aim to strengthen global business links.

## Research Merit Awards

Professor Damon Teagle from Ocean and Earth Science and Professor Bashir Al-Hashimi, Associate Dean (Research) for Physical Sciences and Engineering have received prestigious Royal Society Wolfson Research Merit Awards in recognition of their outstanding contributions to their respective fields.

## National recognition for student nurse

The exceptional leadership skills of Alex Collyer, combined adult and child nursing student at the University, have been recognised in the 2014 Scholarship Awards run by Cavell Nurses' Trust. Some 29 student nurses and midwives from across the country competed for the honours in five different categories covering outstanding student nurse and midwife, leadership, community and academic achievement.

To find out more about these stories and more, visit [www.southampton.ac.uk/mediacentre](http://www.southampton.ac.uk/mediacentre)

# Free online courses for all

**The first three University of Southampton Massive Open Online Courses (MOOCs) enable anyone, whatever their ability, to study online, for free, wherever they are in the world. Thousands of people have signed up already and this represents a great success as part of the University's global education development.**

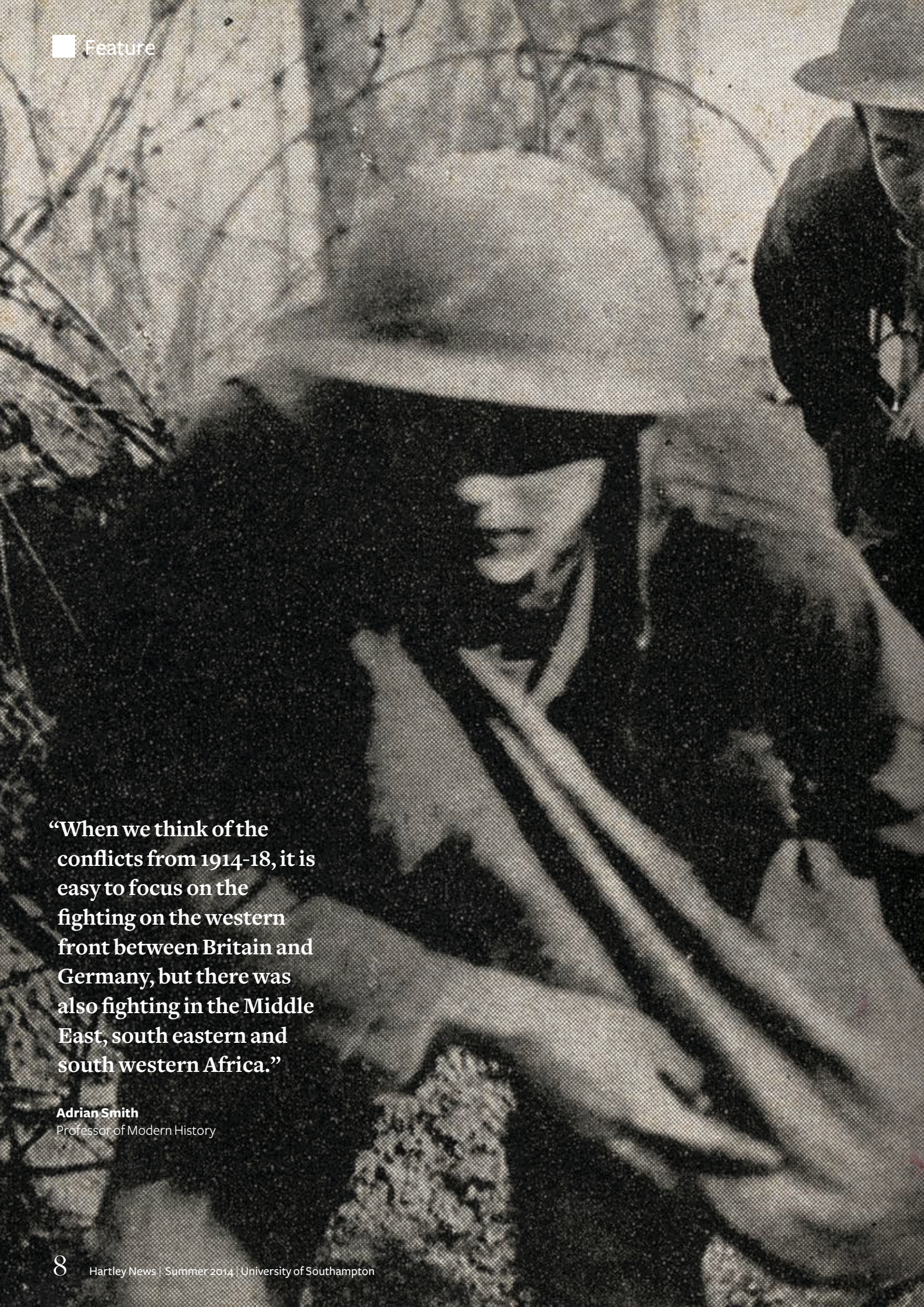
A MOOC is a free study programme designed to be studied online by large numbers of participants. In addition to traditional course materials – video lectures, reading material, course work and tests – MOOCs provide interactive forums that help students and tutors build an online community.

Southampton MOOCs ([www.southampton.ac.uk/moocs](http://www.southampton.ac.uk/moocs)) are offered in partnership with the technology provider FutureLearn and can be taken as a taster for further study, or just to

learn more about a subject of interest; no prior knowledge is required.

The University's web science MOOC examines the origins and evolution of the Web, and considers key questions such as security, democracy, networks and economy, from both computational and social science perspectives. Our second MOOC shows participants how the oceans are connected to our everyday lives. And our third MOOC, which recently started on 19 May, explores the archaeological site of Portus, the maritime port of ancient Rome.

"The MOOCs are a platform for excellent teaching; they will enhance our reputation and our recruitment of high-quality, motivated students," says Professor Hugh Davis, Director of the Centre for Innovation in Technologies and Education. "They are also a vehicle through which we are improving our capacity to build quality online learning materials," he adds.



**“When we think of the conflicts from 1914-18, it is easy to focus on the fighting on the western front between Britain and Germany, but there was also fighting in the Middle East, south eastern and south western Africa.”**

**Adrian Smith**  
Professor of Modern History



# Warfare: a century of change

The First World War is arguably described as the first total war to have had an impact on everyone around the globe. In the War's centenary year *Hartley News* explores how warfare has changed over the last 100 years.

Compared to conflicts after the Napoleonic Wars in the 19th century, the First World War lasted significantly longer and involved many more nations. "When we think of the conflicts from 1914-18, it is easy to focus on the fighting on the western front between Britain and Germany, but there was also fighting in the Middle East, south eastern and south western Africa," says Adrian Smith, Professor of Modern History at the University.

## Industrial war

He explains that the First World War is the first example of an industrial war and as industrialisation accelerated over the 19th century and into the 20th century, advanced industrial societies emerged, which used manufacturing to mobilise whole nations ready for war to an unprecedented degree. "The way that industry played such an important part in waging war is deep-rooted in the way it operated in an advanced capitalist society," he says.

The First World War saw a continuation of research and development and implementation of weapons of war and the adaptation of civilian technology – aviation being the most obvious example. And crucially because of the industrial nature of the War, not only was there technological advance, there was a huge increase in volume of production. "By 1918, the British were producing approximately 30,000 aircraft a year. This was easily done because even though the aircraft were sophisticated, you could easily break them down into small components that could be manufactured by non-skilled labour," says Adrian.

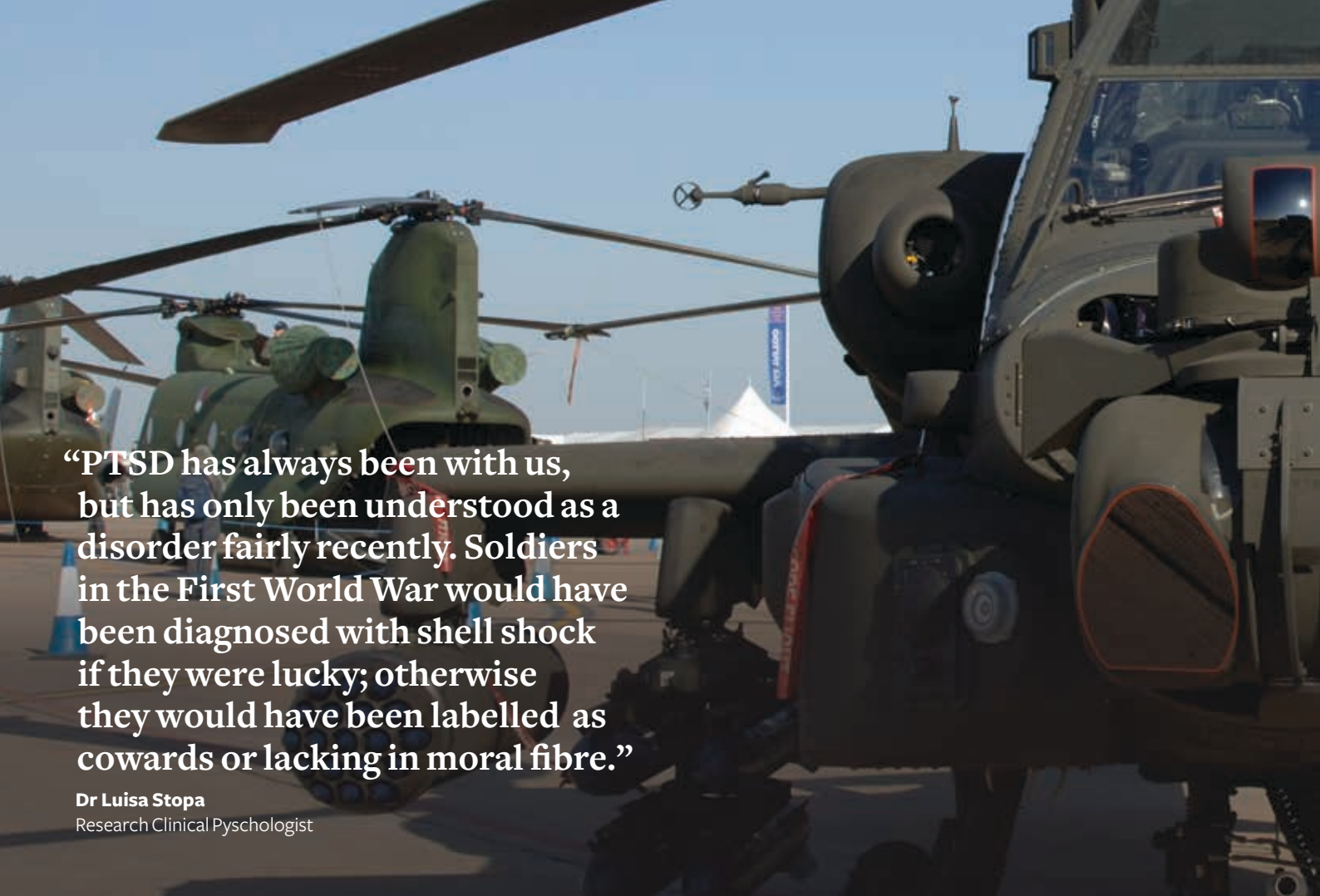
"Like most evolutionary development, changes do not occur uniformly and the past century has seen bursts of accelerated improvements in naval warfare," says First Sea Lord and Chief of Naval Staff, Admiral Sir George Zambellas (BSc Aeronautics and Astronautics, 1980). "Before 1914, naval battles were fought on the sea's surface. But the maritime domain became three-dimensional during the First World War, as technological advances introduced developed forms of submarine warfare and naval aviation into the maritime arena of conflict," he adds.

By the end of the Second World War, technology had started to become too sophisticated for a non-skilled labour workforce. "You could build 1,500 Lancaster bombers with unskilled labour during the Second World War, but building a jet aircraft was a lot more challenging. The dawn of the jet age marks the end of the industrial war age," Adrian adds.

## Sophisticated technology

Sir George explains that during the 20th century aircraft carriers replaced battleships as the principal means of projecting power at sea. "And science and technology then fundamentally changed the nature of the air power projected from these mobile airfields: jet engines instead of propellers, missiles instead of bullets, and weapon targeting using automated sensors," he says.

Another example of technology accelerating beyond the manufacturing industries is the invention of the atom bomb. Unskilled labour workforces could not be relied upon to build these because if a mistake was made, the consequences would be devastating. ▶



**“PTSD has always been with us, but has only been understood as a disorder fairly recently. Soldiers in the First World War would have been diagnosed with shell shock if they were lucky; otherwise they would have been labelled as cowards or lacking in moral fibre.”**

**Dr Luisa Stopa**  
Research Clinical Psychologist

By the 1960s and the beginning of the Cold War, the rise of large-scale destructive weapons acted as a deterrent to conflict, and a decrease in the number of Armed Forces needed.

“Technological advances means that communications in conflicts are quicker and contain a huge increase in data,” says Alastair Barron (MBA, 2006), Head of Group Security at Old Mutual. Alastair was in the Intelligence Corps in the Army and has been in the intelligence business throughout his career. “Armed Forces personnel can now look at satellite images of individual teams carrying out operations in a particular postcode, while the targeting of individual munitions stores is more accurate, reducing the number of civilian casualties,” he explains.

However with modern warfare there is an increased chance that civilians get caught up in fighting. “The accuracy with long-range weapons now means that you can target a square metre of ground rather than hitting somewhere within 100m of accuracy. Even though these weapons are commonly fired into civilian areas, their accuracy means that fewer civilians are hurt,” says Alastair.

In contrast to the technology used in the First and Second World Wars, military technology now leads where civilian technology follows. Air power is still a consideration, but rather than large aircraft that can be made on a production line, unmanned air vehicles are being developed for reconnaissance and air attack, explains Adrian.

## Coping with trauma

Conditions and support for troops in the Armed Forces have also improved over the last 100 years, along with a greater understanding of the care that is required for soldiers suffering from post-traumatic stress disorder (PTSD). Dr Luisa Stopa, Research Clinical Psychologist at the University, investigates what causes and maintains anxiety disorders such as PTSD.

“PTSD has always been with us, but has only been understood as a disorder fairly recently. Soldiers in the First World War would have been diagnosed with shell shock if they were lucky; otherwise they would have been labelled as cowards or lacking in moral fibre,” says Lusía. “It is likely that some soldiers who were shot for desertion were suffering from PTSD and were completely unable to face going back into combat.”

Lusia explains that by the Second World War it was more likely to be described as combat neurosis or battle neurosis, but the stigma implicit in the idea that soldiers were weak or cowardly largely remained. A key aim of her research is to understand what keeps disorders such as PTSD going. “I investigate what blocks the natural process of recovery; if these factors are well understood then we can develop and improve treatments that will directly benefit patients,” she says.

“I have friends and colleagues that have had difficulties with PTSD, but now in contrast to 100 years ago, there is a better emphasis on emotional disorders and stress in the public domain,” says Alastair. “You can prepare people for the horrors of war in training, but until



they are there, you can't tell how they will react. Interestingly, there is still a very high percentage of ex-military personnel who are homeless in London, and while this cannot be completely attributed to PTSD, it highlights that more needs to be done to help people adjust to life outside of the Armed Forces."

## Terrorist threat

Terrorism has also shaped the way conflicts are fought over the last century. As part of his career in the army, Alastair spent some time in an infantry battalion in Belfast during the troubles in Northern Ireland.

"In general terms the rise in terrorism has meant that our Armed Forces have had to adapt in order to develop dedicated teams that can tackle this threat, says Alastair. "But not all terrorism is conducted in a war situation; the World Trade Center bombing is an example of this. The War on Terrorism has become broader than any military campaign and involves many nations working together to prevent similar acts happening in the future."

The unpredictable nature of attack is the challenge when dealing with terrorism and when nations intervene in a geographical location such as Afghanistan to limit how Al Qaeda – an organised terrorist group – can perform terrorist activity across the world, it becomes a war situation. "Unfortunately, terrorism is not always like this; it can easily be a small group of radicals trying to cause the most damage and loss to human life as possible," says Alastair.

Sir George explains that as we look ahead into the 21st century, science and technology is driving other revolutions in naval warfare. "Cyber warfare and remote systems will change the future maritime domain above, on and below the sea," he says. "These systems will increasingly remove the human from the physical risk of the battle space and drive changes in military strategy, doctrine and tactics, not to mention close dependency upon industry, scientists and universities," he adds.

Whatever the war or conflict, the aspect that hasn't changed over the last 100 years is that we are still reliant on humans to fight. "Even though intelligence gathering can be done using advantaged technology and interstate weapons are more accurate resulting in a reduction to the risk to military personnel and civilians, the Armed Forces are still reliant on high-quality, motivated and well-trained individuals to operate them," says Alastair.

Sir George agrees and states: "Over the past century, science and technology may have advanced techniques and been critical to retaining the battle-winning edge. But leadership and responsibility are irrevocable and that will not change during the journey ahead."

For more information on the First World War and what the University is doing to mark the centenary year of its beginning, visit [www.southampton.ac.uk/greatwar\\_unknownwar](http://www.southampton.ac.uk/greatwar_unknownwar)

# Inspiring women

The University of Southampton aspires to improve fairness and equality for women in higher education. *Hartley News* explores the University's impact in this area and talks to three influential alumnae about the importance of role models for women.

## Addressing barriers

The University is a founding signatory of the Athena SWAN (Scientific Women's Academic Network) Charter and has held a Bronze Award since 2006. The Charter is founded on principles which are key to addressing the barriers to female researchers in science, technology, engineering and mathematics (STEM) subjects rising to the top of the academic profession.

Additionally, Chemistry, Electronics and Computer Science, Engineering and the Environment, Health Sciences, Medicine, and Ocean and Earth Science received the University's first departmental Athena SWAN Bronze Awards in recognition of their achievements in building a solid foundation for eliminating gender bias and the development of an inclusive culture.

"The University of Southampton is committed to providing the best career support for all staff. Athena SWAN gives us the opportunity to encourage best practice throughout the University and celebrate the key contribution of women in science," says Professor Iain Cameron, Chair of the University Athena SWAN Self-Assessment Team.

"The lack of women in STEM subjects is a big problem in higher education and the Athena SWAN Award is very important to recognise institutions that support women in these areas, but it would be good to expand the award to include other disciplines," says Joanna Newman (PhD History, 1998), Vice Principal (International) at Kings College London.

## Opportunities in higher education

As former Director of the UK Higher Education International Unit, Joanna promoted international partnerships on behalf of the UK, lobbied the European parliament on issues affecting the UK sector, and has run large-scale education programmes. "My PhD at Southampton was transformative for me. Everything I have ever done since then has been underpinned by my studies – the training, discipline, analysis and the understanding of the nature of research has helped me in all my jobs."

Joanna explains that a lot could be done to increase the opportunities for women in higher education. "Athena SWAN rewards institutions that enable women to return to work with more flexibility, and more needs to be done to enable more woman to do this" she says.

Rosemary Squire OBE (BA Spanish with Catalan and French, 1979), Co-owner and Joint Chief Executive of the Ambassador Theatre Group (ATG) was named the most powerful person in British theatre along with her husband and business partner Sir Howard Panter. She is also named as the 16th most powerful woman in Britain on the Radio 4 *Woman's Hour* Power List. "We are the largest theatre group in the UK and probably in the world," she says. "Founding the Ambassador Theatre Group is undoubtedly the biggest achievement in my career. We have 40 venues, 39 of which are in the UK and one is on Broadway in New York." ►



Southampton graduate Joanna Newman has promoted international partnerships on behalf of the UK



Sue Langley's biggest achievement is being a mentor to other women who want to progress in their careers

**“Our alumni community is a really powerful network that can help the current undergraduates get into the careers that they want. We have been given a good education and opportunities in life, and so I believe we should give something back.”**

**Sue Langley**

Chief Executive of the UK Financial Services Organisation

Rosemary explains that she has always been interested in theatre, and at Southampton she was able to combine studying with working and performing in the theatre. “Something that is unique about Southampton is that the arts are integrated into the very life and fabric of the University. I worked at the Mayflower in the city, attended the theatre many times, performed in University productions and analysed many plays as part of my literature studies,” she says.

## Role models

Rosemary believes it is very important to recognise inspirational women in business. “Women need role models that they can identify with, who manage to combine a career with their family life.”

Southampton boasts a whole host of successful and influential women as alumnae and staff who act as role models for women to aspire to. For example, joining Rosemary on the Radio 4 *Woman’s Hour* Power List are Dame Helen Alexander DBE, Chancellor of the University and Non-executive Director of Rolls Royce, and graduates: Dame Wendy Hall (BSc Mathematics, 1974; PhD Mathematics, 1977), Professor of Computer Science and Dean of Physical Sciences and Engineering, The Rt Hon Justine Greening MP (BSc Business Economics and Accounting, 1990), and Clare Foges (BA English, 2002), Speech Writer to Prime Minister David Cameron.

Another successful alumna, Sue Langley (BSc Geography, 1985), is Chief Executive of the government’s UK Financial Services Organisation, Non-executive Director for UK Asset Resolution



Rosemary Squire was named the most powerful person in British theatre along with her husband and business partner Sir Howard Panter

(Northern Rock Asset Management, Bradford and Bingley), and the Home Office, and is a previous recipient of the Women in the City Achievement Award, and a member of the government's Women's Business Council. "My biggest achievement is being a mentor to other women who want to progress in their careers," says Sue. "As a manager I believe that I should support my employees to be as successful as possible, and if in the future I end up being employed by someone that I mentored, I will see that as a fantastic achievement."

## Women and power

The University is very keen to promote positive role models to female students and members of staff. Through events held at Southampton that coincide with International Women's Day in March every year, they can interact with influential women and discover role models to aspire to.

This year's theme was Women and Power and involved a week-long programme of workshops, talks and discussions. Key speakers from the University included Jaki Booth, Chief Executive of SUSU (Southampton University Students' Union), Janice Donaldson, Director of Human Resources, and Jo Doyle (MBA, 2001), Director of Student Recruitment and International Relations.

Rosemary comments that there should be more women in top-level jobs, and on company boards. "I do think that everything should be based on merit, but having women in the boardroom really does change the culture," she says. Sue agrees and suggests that targets for women in senior positions should be introduced to increase the

number of women on boards. "The dynamics around the table change when you have 40 per cent women in the boardroom – diversity is good," she explains. "Any targets would only need to be temporary, because once companies see the benefits of more women in senior positions, it will be self-sustaining," she adds.

## Giving back

The 195,000 strong alumni community across the world is another asset that can help women to meet and engage with other influential graduates. Rosemary attended a networking dinner arranged by the University last year for influential women and would welcome similar events in the future. Joanna and Sue have also recently reconnected with the alumni community and feel that giving back to this community is very important. "I had a great time at University doing my PhD and I am very happy to be part of the alumni community," says Joanna.

"I have been involved in the Hackney Outreach Programme that encourages women to be ambitious in their career choices. Our alumni community is a really powerful network that can help the current undergraduates get into the careers that they want," says Sue. "We have been given a good education and opportunities in life, and so I believe we should give something back," she adds.

For more information on becoming a role model or mentor for our students, visit [www.southampton.ac.uk/alumni/getinvolved](http://www.southampton.ac.uk/alumni/getinvolved)

# Maintaining intellectual and practical capability

The story of defence in recent years has been one of huge demands placed on service personnel alongside reductions in the UK military budget.

Caroline Wyatt, BBC Defence Correspondent, talks to Dr Neil Richardson, Director of Military Education at the University, about the budget reduction for the UK Armed Forces and how that will affect military capability.

**Caroline Wyatt (BA English and German, 1989), BBC Defence Correspondent:**

Studying subjects at Southampton in which words and meaning matter was the perfect training for me as a journalist; the breadth and depth of the reading required for both my English and German literature courses enriched not just my vocabulary, but also my imagination.

I also joined the University Officer Training Corps (OTC) during my time at Southampton and found it hugely useful training to have had in terms of my current role, and have come across many members of the OTC since, not least in Afghanistan.

I am Defence Correspondent for the BBC, for TV, radio and online. I love doing this job as it is always challenging, sometimes frightening, always fascinating and often humbling, not least in the way that we get a rare opportunity to see how others live and the conditions they endure.

I have covered the conflict in Afghanistan since 2001, and it has been fascinating to trace the course of the western military mission there, and what has happened to Afghanistan in the intervening years.

The story of defence in recent years has been one of huge demands placed on service personnel and defence as a whole. Cutbacks are as a result of the eight per cent cut to the UK defence budget decided in the Strategic Defence Review of 2010, and the subsequent cuts to the UK's aircraft carriers, the sell-off of the Harrier force, the reduction in the size of the Army, RAF and Royal Navy, as well as changes to the Armed Forces' pensions.

On the other side, the years of austerity have also focused minds in defence on exactly how the money is spent, with serious attempts to ensure that none is wasted. The planned Strategic Defence Review of 2015 will be fascinating to watch, especially if it provokes a national debate on what it is the UK wishes to ask of its Armed Forces in the future.

But with all these cuts, what role will the UK play on the world stage, and will it keep a balanced full-spectrum force that ensures the UK remains a reliable international ally in defence terms?

**Dr Neil Richardson, Director of Military Education at the University:**

My role within the University is as academic liaison for our University Service Units working closely with the unit commanding officers to ensure the academic progress of officer cadets, but I am also the University's point of contact for defence in all areas relating to education.

There are 51 University Service Units distributed across UK universities. Southampton is privileged to be one of only two to host all four University Service Units; the Army Officer Training Corps (OTC), University Royal Naval Unit (URNU), University Air Squadron (UAS) and Defence Technical Undergraduate Scheme (DTUS). Some 400 of our students are in these Units.



To answer the question about the role of the UK on the world stage and whether it will keep a full-spectrum force that ensures it remains a reliable international ally, I feel we need to focus on the outstanding ability of the UK's Service personnel and then consider the resources at their disposal. With the proviso that politicians are realistic about what they ask of our Armed Forces then, yes, I believe the UK can continue to be a global player and a reliable ally. The calibre of our Service people, arguably the best in the world, is such they achieve quite outstanding results with the resources available to them and as a nation we continue to punch well above our weight.

While personnel numbers are being cut across all three Services, the good news is that the UK military is committed to maintaining the pipeline of young officers. This is where we, as a University, can help. Officer intake is now almost exclusively graduate across all three Services. This

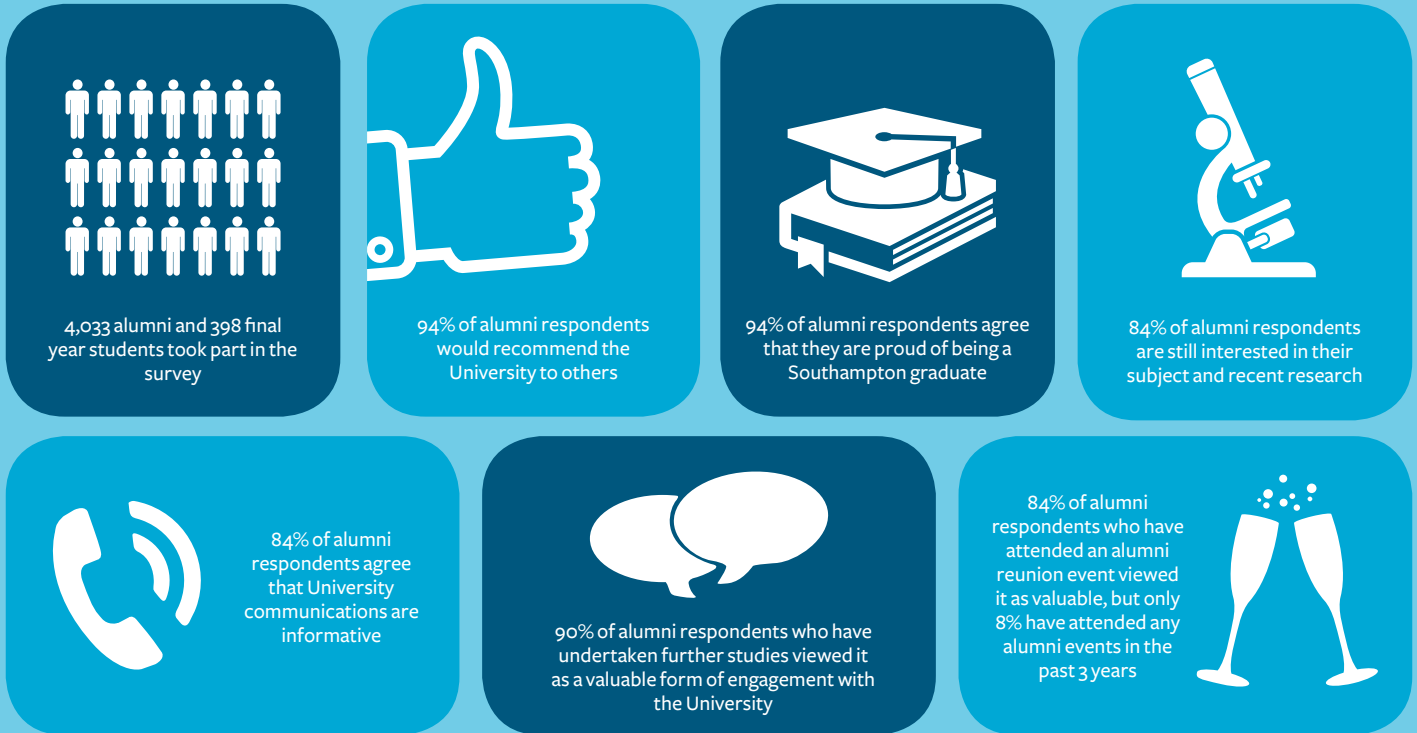
shows a real commitment to developing intellectual capacity and broadly capable personnel who will be the future leaders of our Armed Forces.

I fear that cutbacks to the defence budget are inevitable if the UK is to live within its means; in an ideal world this wouldn't be necessary. However, personnel continue to be trained to the highest standards and much of the equipment they use, most of which is of course UK designed and built, is outstanding. I believe that the national strategy of maintaining an effective level of defence in terms of capability and equipment can succeed as long as the Armed Forces are not overstretched.

The difficulty, as history both recent and not so recent shows, is that no one can truly predict the nature, or location, of future threats. Hence the UK's Forces need to be agile both physically and intellectually. Even after budget cuts UK defence spending is, at approximately \$60bn, the fourth

largest in the world after the USA, China and Russia. We perhaps therefore question if the budget is being used efficiently and if there needs to be any change in thinking about procurement and strategy in order that UK Forces can indeed maintain a full-spectrum global capability even if resource limitations are such that this might preclude concurrent conflicts.

Whatever the future in terms of budgets, equipment or strategy, the University will continue to work with the Armed Forces to maintain the pipeline of young officers. We will ensure that future generations have the intellectual capacity and academic training needed to lead agile, and increasingly technically sophisticated, Armed Forces and deliver the best possible UK defence capability using the resources at their disposal.



# Your voice heard

As the University’s most valuable ambassadors, you – our alumni community – play an integral role in the promotion of the University across the world. Your feedback helps us shape our future plans and explore the effectiveness of our current activities.

In autumn 2013, a total of 4,033 alumni completed our alumni survey. From this we gained vital information on how connected with the University you feel, how effective you find our communications such as *Hartley News*, and how you would like us to communicate with you in the future. “Maintaining a connection with the University allows me to use the University’s connections in industry to keep up-to-date with developments and careers,” said one participant

## Connection and identity

From the results of the survey, we found that most of you were proud to be Southampton graduates and would recommend the University to other students. We found that 30 per cent of you still felt very connected or quite connected to the University, but that you were slightly more likely to identify with your academic unit or discipline that you studied, than the University as a whole. One participant said that they wanted communications to be “more relevant on an individual level to the subject we studied”.

From a geographical point of view, the survey showed that graduates that have stayed in the area, as well as international graduates, particularly in Asia, felt a stronger connection to the University, but overall your strongest connections were through the friends that you made while at Southampton, and through *Hartley News* and e-newsletters. “*Hartley News* provides a good overview,” said another survey respondent.

In order to help you feel more connected to your University, the Alumni Relations team has begun arranging more focused events as well as supporting more opportunities for professional development. We aim to give you access to more topical speakers, lectures and social events and hope to be able to offer more online events and live lecture streaming. Based on your strong affiliation to your academic unit or discipline, we will tailor some of our communications to focus on your interests.

## Digital communications

The results of the survey suggest that most of you would prefer to be communicated with by digital channels such as e-newsletters or email. “I like the frequency. It’s regular enough that I feel relatively aware, but infrequent enough that I still open emails,” said one participant.



69% of alumni respondents (and 94% of international alumni) would join, or would maybe be interested in joining an alumni branch

Many of you told us that you use social media, but you are not aware of the University's specific alumni social media channels. So why not join in with the discussions on Facebook, LinkedIn, Pinterest and Twitter:

[www.facebook.com/universityofsouthamptonalumni](http://www.facebook.com/universityofsouthamptonalumni)

[www.linkedin.com/groups/University-Southampton-Alumni-38049/about](http://www.linkedin.com/groups/University-Southampton-Alumni-38049/about)

[www.pinterest.com/unisotonalumni](http://www.pinterest.com/unisotonalumni)

[www.twitter.com/UniSotonAlumni](http://www.twitter.com/UniSotonAlumni)

### Volunteering

Over 2,300 hours of time have been given by alumni volunteers so far this academic year, but you said that you would be more encouraged to get involved as career mentors or by attending specific alumni events if there were more online and regional opportunities. Our younger alumni highlighted that opportunities to mentor students are really useful for professional development. As a result of your comments, we hope to offer you the chance to mentor a student online and to take part in more volunteering opportunities in your area.

### Alumni branches

As part of our continued efforts to engage with your community, we are working with alumni volunteers to reinvigorate local alumni branches (see page 20), in order to create regional networks of

connected alumni, provide accessible supportive communities and to offer more varied career-specific events.

Our survey suggests that there is a lot of enthusiasm for joining such local branches, especially from graduates overseas so that they can stay in touch with friends and network with like-minded professionals. "An alumni branch in my area would be nice – it would be a convenient way to keep in touch," said another participant.

To find out more information about our alumni branches, in particular the Southampton branch that was launched on 3 April, visit [www.southampton.ac.uk/alumni/branches](http://www.southampton.ac.uk/alumni/branches)

### Engaging students

The survey was also completed by 398 final year students to find out how your community can help them. We found they are keen to join alumni branches and volunteer at University events. "I am very proud to attend this University and will be proud to say I have attended when I graduate. I like using my own experiences to tell people why it is a good University to attend," said a final year student from Business and Law.

Our students are our alumni in residence and we are always looking for ways to get them excited about engaging with us and staying in touch once they have graduated. As a result of the survey we will be sending out communications prior to graduation each year in order to explain the benefits for them of your worldwide alumni community.

# From London to New York

We have been working alongside alumni volunteers around the world to expand and reinvigorate our alumni branch network, bringing international communities together to celebrate and stay connected to Southampton.

We were particularly excited about the recent launches of two brand new branches located 3,500 miles apart, one in London and another across the Atlantic in New York. Many of you move to London for work after graduating and we wanted to create a branch that could help you keep in touch with friends, meet new people and provide opportunities to take part in networking and professional development events.

The branch was launched in November 2013 in Covent Garden where we welcomed 180 alumni for drinks and canapés. The committee of alumni volunteers are now putting together an exciting calendar of events for the coming year.

In the USA, alumni in New York were also busy in November launching their branch with a drinks reception at Mad46 in Midtown Manhattan. Our New Yorkers joined branch coordinators Kasia Bannon (BA Contemporary Europe, 2005) and Eleanor French (BA, French and German, 2009) and our Associate Director of Alumni Relations, Sue Martin, to enjoy the spectacular views of the city from the rooftop bar. In March, the New York branch held a fantastic Moët Hennessy champagne tasting event attended by 22 alumni.

Southampton is our next focus as we develop the branch, launched on 3 April, which will bring together some of the 24,500 alumni living in the local area. For more information about joining the Southampton branch or any of our other branches in the UK and around the world, visit

[www.southampton.ac.uk/alumni/branches](http://www.southampton.ac.uk/alumni/branches)



Alumni attended the London branch launch in Covent Garden



Alumni celebrated the New York branch launch at Mad46 in Midtown Manhattan

## New Year Honours 2014

Congratulations to our alumni recognised in HM The Queen's New Year Honours: Dr Astrid Elizabeth Bonfield (BA Archaeology, 1990) awarded a CBE for services to the charitable sector in the UK and abroad; Iain Gilmour Gray FREng (MPhil Aeronautics and Astronautics, 1989) awarded a CBE for services to science, technology and innovation; Nicholas Paul Winsor (BSc Electrical Engineering, 1983) awarded a CBE for services to the UK energy industry; Sylvia Jean Auton (BSc Psychology and Sociology, 1970) awarded an OBE for

services to the publishing industry; Professor Paul Stephen Cannon FREng (BSc Physics, 1975; MSc Electronics, 1976; PhD Physics, 1981) awarded an OBE for services to engineering; Paul Michael Fallon (BSc Psychology and Sociology, 1974; Diploma Applied Social Studies, 1975) awarded an OBE for services to child protection; Jonathan Neil Fitzmaurice (BSc Sociology and Social Administration, 1970) awarded an OBE for services to housing; and Jillian Gwendoline Carr (BSc Geography, 1982) awarded an MBE for services to education.

# Best lecturer



Professor Emeritus Keith Barber, one of your best lecturers

Thanks to all of you who wrote in or told us via social media who your best lecturer was at Southampton. Lots of names were put forward, and here are a few with your reasons why; it's clear from your responses that you really loved your lecturers!

**Professor Emeritus Keith Barber** (Geography and Environment) "Geography 1977-80. Legend..." Ann Gurnell, 1980

**Professor Brenda Hannigan** (Law) - "Every week I was looking forward to her classes, she really made me love Corporate Governance Law." Maria Dolores Cerón Cervantes, 2012

**Professor Johnnie Johnson** (Management) - "For teaching me to expect the unexpected and embrace uncertainty! Truly inspirational." Achmat Ibrahim, 1997

**Professor John McGavin** (English) - "For me it was about knowledge, expertise, inspiration, fairness, humour and building my confidence. No one did that better than John McGavin." Jann Hodges, 1999

**Professor Emeritus John Mellor** (Chemistry) - "Dr Mellor was an excellent Chemistry lecturer who showed enormous patience during my third year project." Robin Lloyd, 1995

**Dr James Minney** (Modern Languages) - "James Minney, who knew French syntax could be such fun!" Lauren Smiddy, 2013

**Professor Stuart Moy** (Engineering and the Environment) - "Everybody in my class loved him, his lectures were interesting and he made it easy to understand." Andy Taylor, 2007

## Other popular lecturers were:

**Professor Ken Bray**, Aeronautics and Astronautics, who moved to Cambridge in 1985

**Eric Cooke** - Senior Tutor in Electronics and Computer Science (ECS)

**Professor Mark Nixon** - Professor in Computer Vision at ECS

**Professor Sir Ian Diamond** the current Principal and Vice-Chancellor of the University of Aberdeen. Previously Professor, Dean of Social Sciences and Deputy Vice-Chancellor at Southampton

**Professor Nigel Glendinning**, Professor of Spanish, who moved to Trinity College Dublin in 1970 and sadly passed away in 2013

See more comments and add your own to the discussion in our University of Southampton Alumni LinkedIn group.

## New Head of School for WSA

Ed D'Souza took over as Head of Winchester School of Art (WSA) in September 2013; he is also Head of Department for Graphics, Art and Media. He is a designer, artist and academic with a research focus in developing projects between institutions which document and disseminate ideas of how contemporary communication, design and artistic expression can contribute to social understanding and improvement.

Ed and his executive team are committed to keeping WSA at the forefront of developments in art and design higher education and are working to ensure students are supported not just during their studies, but also with employability skills and opportunities to network with business and industry.

Ed is establishing a monthly surgery with students to discuss and understand the issues that matter most to them. He is also developing new international links with design schools in India and is further developing strong links in Barcelona and China to provide opportunities for research, exchange visits, inter-school design projects and exhibitions for WSA students.

If you studied at WSA, the team would love to hear what you're up to now. Email your news to [alumni@southampton.ac.uk](mailto:alumni@southampton.ac.uk)

## Join in

Our events calendar is continuously updated with opportunities to come back to campus or to attend reunions and networking receptions. For more information, visit

[www.southampton.ac.uk/alumni/alumnierevents](http://www.southampton.ac.uk/alumni/alumnierevents)

If you would like to get more involved with your University and help students by volunteering some of your time, visit [www.southampton.ac.uk/alumni/volunteering](http://www.southampton.ac.uk/alumni/volunteering)

Stay in touch with your alumni community and your University on Facebook, LinkedIn, Pinterest and Twitter:

[www.facebook.com/universityofsouthamptonalumni](http://www.facebook.com/universityofsouthamptonalumni)

[www.linkedin.com/groups/University-Southampton-Alumni-38049/about](http://www.linkedin.com/groups/University-Southampton-Alumni-38049/about)

[www.pinterest.com/unisotonalumni](http://www.pinterest.com/unisotonalumni)

[www.twitter.com/UniSotonAlumni](http://www.twitter.com/UniSotonAlumni)



# Get involved

*Hartley News* discovers how a long-term partnership between the University of Southampton and RAL Space is reaping benefits for both parties.

Professor Richard Holdaway (BSc Aeronautics, 1970; PhD Electric Propulsion for Space, 1974) is the Director of RAL Space, a position he has held since 1998. Working at the Rutherford Appleton Laboratory in Oxford, he is responsible for a team of around 200 employees. With over 40 years' experience in space programmes, Richard has worked on numerous missions in space science and Earth observation with NASA, the European Space Agency (ESA), China, Russia and the UK National Programme.

Richard has been a strong supporter of the University of Southampton for many years. He is a former member of the University Council, a member of various committees as well as a visiting Professor in Engineering and the Environment. He is also a career mentor and provides internships and job opportunities to Southampton students. As an alumnus, Richard is well aware of the high-calibre graduates that Southampton produces every year and currently employs over 30 Southampton graduates at RAL Space.

"Southampton engineering graduates have probably the best reputation of all engineering graduates in the UK, which is why we have so many at RAL Space," explains Richard. "We also took on quite a few interns last summer, which was great for us because of their skills, enthusiasm and self-motivation, and benefited the interns with experience of a working life. We will be offering further placements this year."

One of the seven Southampton students to benefit from a paid internship at RAL Space last summer was third year MEng Space Systems Engineering

student Samiksha Mestry. Based in the Imaging Systems division, she worked on two main projects involving space cameras. One was to test a Pink Charge-Coupled Device (CCD) camera system and the other was to design more efficient and lightweight electronics for use in these space cameras using LabVIEW software.

"The internship at RAL Space was a proper nine-to-five job and I loved it! I got to contribute to real-life space missions, which was truly amazing," says Samiksha.

Work placements are a fantastic way for students on the Space Systems Engineering course to gain experience. Samiksha feels that the hands on experience she gained last summer through her internship with RAL Space will stand her in good stead once she graduates in 2015. "I learnt so much during my 12 weeks at RAL Space, it was the best place to apply the knowledge I've been studying on my course at Southampton," she explains. "It was a really positive experience for me and I would love to go back anytime."

Dr Graham Roberts, Senior Lecturer and Director of Programmes for Aeronautics and Astronautics at the University, recognises the importance of the relationship between Engineering and the Environment and RAL Space. "It is vital for our students to have access to industry during their degree course. The guest lectures and internships RAL Space offers our students enhances their knowledge and experience with real-life examples, enabling us in turn to continue to produce high-calibre graduates to solve the engineering challenges of tomorrow."

There are many ways you can support the University. You can get involved with events to share your expertise with students, employ our graduates, become an ambassador for the University or even link your business with Southampton through our enterprise activities. For more details on how you can contribute, visit [www.southampton.ac.uk/alumni/getinvolved](http://www.southampton.ac.uk/alumni/getinvolved)

# Make your comeback. The Reunion Experience 2014



Make Saturday 12 July 2014 a day to remember and celebrate your Anniversary Class Reunion with friends from '54, '64, '74, '84, '94 and '04.

This is your opportunity to come back to Southampton for the weekend, take a trip down memory lane with your friends and experience first-hand everything that makes the University what it is today.

Explore the astrophysics of the universe in the 'Soton Astrodome'; experience an exciting live-action lecture all about particle physics 'Accelerate!'; listen to live music and hear lectures on the groundbreaking research that is currently taking place.

Have a go at experiments in our Chemistry labs; take a trip on the Toastrack bus or have a tour round our Humanities campus. With a programme of exciting and interactive activities for you, your friends and your family to experience and enjoy the only thing missing is you!

To find out more and to book your place at this event, please visit: [www.southampton.ac.uk/alumni](http://www.southampton.ac.uk/alumni)

or email: [AREvents@southampton.ac.uk](mailto:AREvents@southampton.ac.uk)  
or call: +44(0)23 8059 2747

## Class notes

We love to hear news of the lives and achievements of our alumni. If you have some news you'd like to share, please email us at [alumni@southampton.ac.uk](mailto:alumni@southampton.ac.uk)

### Four friends celebrate 50-year reunion



Four alumnae, who met during Freshers' Week in 1963, arranged a visit to the University in October 2013 to celebrate 50 years since starting their courses.

Wendy Hayward (BSc Social Sciences, 1966), Joy Pitman (BA English and Philosophy, 1966), Elizabeth Noble (BA English, 1966) and Joyce Bell (BA German, 1966; MA German, 1968) were all members of the Theatre Group and Stage Admin, and saw the opening of the Nuffield Theatre in 1964.



Their visit took in a backstage tour of the theatre; a look around Hartley Library and Avenue Campus, as well as a walk to Highfield Hall where they first met. Joy said: "It was good to take a trip down memory lane and see how the University has changed since our day. Having a look behind the scenes at the Nuffield was a real highlight, especially as it played such a large part in our University life 50 years ago."

#### 1950S

**Joan Bunday** – (BA General Arts, 1957) and **Brian Bunday** – (BSc Mathematics, 1957; PhD, Mathematics, 1960) are going to be celebrating their 60th anniversary since starting University at this year's Anniversary Class Reunion. They are hoping to see many of their classmates who would have graduated in 1957 there to join their celebrations.

#### 1970S

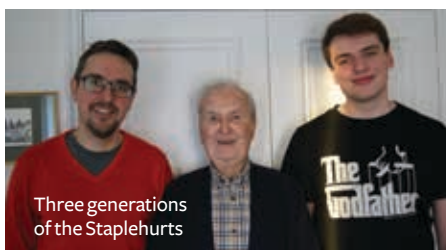
**Dr Richard Greaves** (PhD Physical Applied Sciences, 1973) writes: "Following on from being made fellow of the Royal Academy of Engineering this year, I have now been nominated as a candidate for President of SAE International in 2015."

#### 1980S

**Andrew Hoggins** (LLB, 1982) writes: "I am embarking on a charity cycle ride in May of this year with three other friends from John O'Groats to Land's End in aid of Bournemouth Heart Club and the St. James's Place Foundation." You can follow Andrew's progress on twitter @smilersendtoend

**Tim Powell** (LLB, 1981) writes: "After 29 years of working as a solicitor, I have left private practice to take up a full-time judicial appointment as London Regional Judge of the Residential Property Tribunal, a division of the new Property Chamber of the First-tier Tribunal."

**Graham Staplehurst** (BSc Mathematics and Statistics, 1983) writes: "We thought you might be interested in the attached photo. It shows three generations of our family who have/are attending the University. My father in law, **Derek Sharp**, was one of the first 50 graduates of the University in the 1950s, studying geography and then a further two years teacher training. I attended 1980-83 graduating in mathematics and statistics. And my son, **Jago Staplehurst**, has started a course in marine biology this academic year.



#### 1990S

**Rachel Dent** née **Marks** (BA English, 1992) has been appointed as the next Headmistress of The Abbey School, Reading, a leading girls' school regularly ranked in the top 50 in the UK. Rachel's husband, **Adam Dent**, is also a graduate of Southampton University (BSc Politics, 1991).

**Dr Lynn Forest-Hill** (BA English 1993, PhD Arts, 1997) recently participated in an interview with Professor Mark Horton (University of Bristol) for BBC West's *Inside Out*. The interview was a tie-in with an exhibition at The Wyne National Trust property in Basingstoke of a gold ring which might, together with a Roman curse tablet, have had some influence on JRR Tolkien's creation of the *One Ring*.

**Gabrielle McKee** (MSc Health Sciences, 1998) writes: "Since 2008 I have worked with adult Korean learners teaching English as a second language while pursuing postgraduate professional development at the University of Canterbury, New Zealand. More recently in 2012, I graduated with an MA Applied Linguistics degree through distance learning at Victoria University, Wellington, where for the past 12 years or so research has been undertaken into language in the workplace."

## 2000S

**Aryan O Arji** (PGCE Music, 2007) is the Director of the Academia Musica Choir, and is currently in the middle of a UK tour following the Choir's most recent international album release, *The Collected Vernacular Works of John Sheppard - Volume I*. Volume II is due for release next autumn. In 2003 Aryan was given The Queen's Award for outstanding academic achievement and has been involved in professional choral music for many years.

**Veronica Gordon** (BSc Social Policy, 2005), Radio Presenter at Southampton's award-winning Unity 101 Community Radio, is celebrating being crowned the national 2013 Radio Personality of the Year by the UK BEFFTA Awards – which recognises outstanding talents in Black Entertainment Film Fashion Television and Arts.

**Susannah Payne** (BA English Literature, 2004) has written a sitcom pilot, which was shown at a special screening evening at Camberley Theatre on 16 October 2013. Set in a fictional charity shop, *Help Yourselves* follows the working and personal lives of the volunteers of the shop and shares the struggles of their long suffering customers. Susannah said: "What we are really looking for now is anyone with any contacts in the industry, television producers or comedy commissioners to put us in touch with."

## Marriages

**Samantha Brooman** née **Fern** (BSc Sociology and Social Policy, 2010) and **Michael Brooman** (MEng Mechanical Engineering, 2010) were married on 28 September 2013. Many Southampton friends and alumni were in attendance.



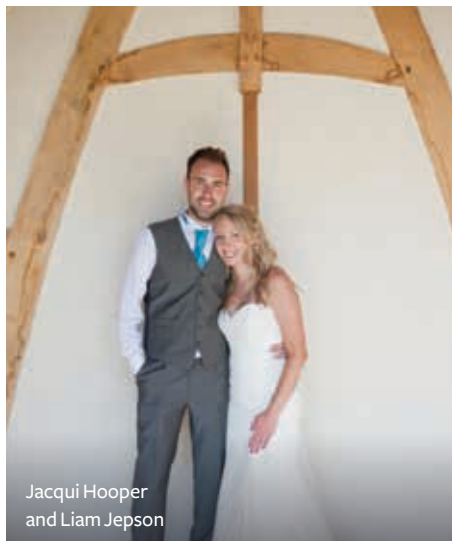
Samantha Fern and Michael Brooman

**Emma Tanner** née **Hunt** (BN Nursing, 2007; BSc Biomedical Sciences, 2010; PG DipN Nursing, 2013) and **John Tanner** (BEng Civil Engineering, 2011) were married on 22 June 2013. The photo also features maid of honour **Jade Holway** (BSc Biomedical Sciences, 2010) and best man **Paddy (Tom) Williams** (BEng Civil Engineering, 2011). Other alumnae in attendance were **Amy King** (BN Nursing, 2009), **Laura Ghosh** (Dip with Adv Studies Nursing, 2009), **Fiona Dixon** (BEng Civil Engineering, 2011), **Emily Hill** (BEng Civil Engineering, 2010) and **Matt Smith** (BSc Geography, 2010).



Emma Hunt and John Tanner

**Jacqui Hooper** (BA Geography, 2007; MSc Integrated Environmental Studies, 2008) married **Liam Jepson** (BSc Politics and International Relations, 2007) on 19 July 2013.



Jacqui Hooper and Liam Jepson

We are sorry to announce the deaths of the following alumni and former staff:

**Dr Robert William Bushaway**  
(PhD History, 1983)

**Edward J Lawrence**  
(BSc Chemistry, 1961)

**Mr Richard House**  
(BSc Chemistry, 1963)

**Tom Moulard**  
(BSc Civil Engineering, 1965)

**Stanley Crooks**  
(Honorary DSc, 1977)

**Wilfrid Stephen White**  
(BSc Mathematics, 1949)

**Anthony William Burges**  
(BA Geography, 1958; PhD Arts, 1974)

**Eileen Collins**  
(BA English, 1963)

**Kevin Duffy**  
(BA Geography, 1980)

**Sir Graham Hills**  
(Professor of Physical Chemistry, 1968-1980)

**Arthur Barker**  
(BSc General Science, 1958)

### Alumni books

A number of you contacted us about books you've recently had published:

**Paul Beaumont**  
(BSc Physics, 1980) – *A Brief Eternity*

**Thomas Brown**  
(BA English, 2010) – *Lynwood*

**Kate Kelly**  
(MSc Oceanography, 1988) – *Red Rock*

**Giles Lury**  
(BSc Economics, 1982) – *The Prisoner and the Penguin*

**Luke Talbot**  
(BA Archaeology, 2000) – *Keystone*

**Toby Tyrrell**  
(BSc Civil Engineering, 1988) – *On Gaia*

For a full description of these books, visit [www.southampton.ac.uk/alumni/alumnicommunity/books.html](http://www.southampton.ac.uk/alumni/alumnicommunity/books.html)

# In my own words

**Michael Pickwood, BSc Civil and Environmental Engineering, 1967**

Michael Pickwood is the Production Designer of the BBC's hit show *Dr Who* and has worked on countless television series and films including *Withnail & I*. He talks to *Hartley News* about his experiences of the University and his career.

**Q** *Why did you decide to study at Southampton?*

Southampton was and still is one of the best universities for engineering. I also like ships and the sea, and was quite keen at the time on being a yacht designer, so it seemed the right place for me.

**Q** *What other opportunities did you take advantage of at Southampton?*

I was a member of the University sailing club and bought a catamaran that I kept at Hamble. A fond memory I have is sitting on a friend's yacht listening to the 1966 Football World Cup final off the coast of Cowes, Isle of Wight.

**Q** *What was your ambition when you left University?*

By the end of my degree I could see that I was not destined to be a yacht designer, even though I was still interested in the subject. As my father was an actor, it seemed like a good idea to turn my attention to film design, which could offer wonderful design opportunities.

**Q** *How did your time at Southampton shape your career?*

I still think engineering was a wonderful degree to do. What my course and time at Southampton taught me is how things work, how to get things done and generally about life.

**Q** *What does your role as Production Designer involve?*

As a film and television production designer I am in charge of designing and building all the sets and all the props that are needed to make a film. And that can involve a little or a huge amount; sometimes I might be building the inside of the Tardis for the BBC's *Dr Who* series and other times it might just involve building a kitchen table.

**Q** *Where does your inspiration come from to design the Dr Who sets?*

My inspiration comes from everywhere really. I am always taking ideas from things that already exist in order to create what

never existed. And as my father William Mervyn (Pickwood), acted in *Dr Who (The War Machines)* with William Hartnell, who played the first doctor, I have grown up with it from the very beginning.

**Q** *How long does it take to go from a desk drawing to a fully designed set?*

It can depend on whether you have a good construction team around you. Sometimes things are built very fast. One example is when the script changed and we had to build a nuclear submarine in two weeks, complete with a control room and torpedoes.

**Q** *What are the Dr Who fans like?*

The fans are extraordinary; if it wasn't for them there wouldn't be *Dr Who*. The fans come from all over the world to the conventions and because it is so popular now of course, we had the 50th anniversary celebrations last year.

**Q** *What are you most proud of in your career?*

On one film, *Cruel Train* set in war-time England, I had to build an entire railway in a shed. This involved bringing in steam engines on low-loaders and building the entire station. It was a remarkable piece of work from everyone's point of view. In just four weeks we turned a large shed into a train station with six platforms.

**Q** *What advice would you give to a student who wants to follow in your footsteps?*

Learn your subject at university very well, because in an art department it is important to have colleagues from diverse backgrounds that know about a variety of things. Then you are more likely to get the designs right.

To watch the video of Michael talking about Southampton and his role as a production designer, visit the alumni section of our YouTube channel, [www.youtube.com/user/sotoncomms](http://www.youtube.com/user/sotoncomms)



The arrival of Lord Palmerston for the opening of the Hartley Institution, 15 October 1862

# Be remembered. Leave a legacy

When Henry Robinson Hartley left a bequest to the Corporation of Southampton in his Will, his wish was that the Hartley Institution be created and that it became a place of transformative and influential knowledge. Little did he know that over 150 years later his legacy is still being remembered and that his ambition to create a world-leading institution would become even more of a reality for the thousands of students who choose to study at Southampton every year.

Large or small, a legacy gift allows our alumni and supporters to invest in the future of Southampton and to areas where the University holds a special place in their memories. From meeting lifelong friends to experiences that have helped to shape a successful future, a legacy gift is a fantastic way to remember your time here at Southampton.

Gifts of this kind have provided scholarship opportunities for students studying at all levels in a variety of subjects and endowments that protect the University's future.

Southampton is the UK's leading centre for cancer immunology and is set to launch a fundraising campaign in autumn 2014. A legacy gift to Southampton's cancer immunology research will help combine existing expertise with new teams, collaborators and the latest technology to quickly bring new treatments to patients everywhere.

For more information, please contact Katherine Carter in the Office of Development and Alumni Relations on +44(0) 238059 9077 or email [k.m.carter@southampton.ac.uk](mailto:k.m.carter@southampton.ac.uk)

[www.southampton.ac.uk/alumni/hartleynews](http://www.southampton.ac.uk/alumni/hartleynews)  
[alumni@southampton.ac.uk](mailto:alumni@southampton.ac.uk)  
+44 (0)23 8059 2747

