University appoints new Director of Research and Innovation Services

In April 2016, Sarah Duckering was appointed to the position of Director of Research and Innovation Services (RIS). Sarah had been acting as Interim Director of RIS since September 2015.

How did your career lead you to the job of Director of Research and Innovation Services?

My graduate career started here at the University of Portsmouth in the HR department implementing what was the IT management system ‘Compel’. Keen to have my experience, I then moved on to become Faculty Manager in Technology where I learned a great deal about the day-to-day life-blood activity of the University. This experience had a big impact on my career at the University. Understanding the needs and desires of the academics and support staff within a faculty helped me to shape future projects when I moved on to other more strategic roles. After a break to start a family, I came back to the University and was tasked with managing the University's response to the newly-formed Higher Education Innovation Fund. An essential crash course in Government returns and the intricate finances of higher education followed which allowed the University to leverage millions of pounds from this fund. After completing that role I became Head of Business Engagement in Research and Innovation Services, leading a team to help academics and departments to find funding for applied research and increase the impact of their work.

What part of your job makes you get up in the morning?

The short answer is people! People make the world go round and the talent pool of people here at the University is the foundation of what we do. If we didn’t have the right people with their passions, ideas and personal drive, then we wouldn’t have the University as we know it. The community of people that work on projects at the University are, to me, simply astonishing. When I see some of the ideas that we garner, develop and deliver to society, it quite simply blows my mind. This is something of which I am very proud to be a part of.

Research or innovation and why?

Both! I don’t see them as separate activities. Great research leads to great innovation. It’s a continuum and I don’t think we do ourselves any favours by thinking of them as separate activities. Just look at some of the people working across the University, people like Joan Farrer and her work on smart textiles. She is bringing together collaborative researchers, innovators and organisations which combine all the necessary elements to deliver real societal impact. If you look closely at the innovation you will always see the research; and if you look closely at the research you will see that it is innovation.

What excites you most about the possibilities at Portsmouth?

Our spirit of opportunity. We are facing a world of significant funding challenges. Yet, we as an organisation are far better placed to adapt and succeed in this world than many of our competitors and geographical neighbours. This University has the strategic intent. We are more agile than our competitors. We have people who are passionate about research and innovation and we have the experience of practical application. These qualities, combined with the fact that we have the headroom to expand will help us to achieve our goals – and that excites me a great deal.

What do you think will be the University’s biggest challenge going forward?

Our reliance on funders that are shifting their policies around austerity. As funders look to concentrate funding, reduce their administration and push up their impact, there is a real challenge for the University to ensure that we are not swept aside and that they recognise our strengths and values. Government policy is shifting to a mode that will look to rebalance the economy and this inevitably means providing more funding to the north of the United Kingdom and subsequently greater competition for reduced funds in the South. I believe we can rise to this challenge. Highlighting the University’s strengths and the unique qualities of the Solent region in the south of England will be a vital step on that journey.

When you’re not at the University, what would we most likely find you doing?

Climbing a mountain, in any weather (almost). My family and I recently scaled the 3,000 feet that is Mount Skiddaw in the Lake District despite there being a good layer of snow. I love to be outdoors and if I am not mountain walking, I will most likely be found at the side of a rugby pitch cheering on my sons.

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www.port.ac.uk/research
Update from the Pro Vice-Chancellor
(Research and Innovation)

As we approach the end of this academic year, it is only fitting that this bumper edition of Research and Innovation News celebrates our successes across the board. It is heartening to see the vision and plans that the research and innovation community have for delivering even more successes in the coming academic year.

The successes in this newsletter speak for themselves. University researchers are pushing the boundaries of research and innovation and delivering a wave of impact as a result of their efforts. Reading the story of Dr Qian An and her rapid cell validation technology reminds me of the real benefit that our researchers can have to both the outside world and their own field of study. Hearing researchers from our RAF Cranwell project working at the forefront of conflict analysis worldwide reminds me of the University’s international outlook and the vital role we have to play in shaping academic debate in this area.

It is great to see some of our more recent research groups flourish and deliver industrial impact so quickly. I am pleased to see that in the short few years since the Centre for Operational Research and Logistics was formed, industry links and collaboration have already become a key part of their operation.

Following the development of our Research and Innovation Strategy, we must now work collaboratively to deliver the implementation of that vision. In that vein, and following a rigorous recruitment process, I am delighted to welcome Sarah Duckering to the position of Director of Research and Innovation Services. Sarah has some exciting ideas about how we can take our support for research and innovation activity at the University forward and she shares some of her thoughts in our headline article.

I am enthusiastic about the research and innovation environment at the University of Portsmouth. The £198k worth of Research Development funding relating to collaborative projects is an excellent investment that is helping to seed our future research and innovation excellence. We continue as an organisation to support and drive economic growth. The University is discussing collaborative projects with businesses at the Portsmouth Technopole and we await a decision on £3.6 million of small and medium-sized enterprises (SMEs) business support through an EU funding stream. We will shortly be appointing a Continuing Professional Development Director which will help us to focus our energies and take a bold step forward in this important area.

I hope you enjoy this edition. I look forward to working with colleagues as we take our ambitions forward and look to our future success.

Professor Pal Ahluwalia
Pro Vice-Chancellor (Research and Innovation)

Update from Research and Innovation Services Team

Well, the end of the academic year has come around fast and with it an extra flurry of projects and stories from the Research and Innovation community. As the University has grown so has this newsletter. Delivering it on this occasion has seen input from more contributors than ever before and our CCI feature has now become a regular addition. The Small Business update features recent work on how startup businesses and the creative industries have been supported in recent months as well as the thinking on how we can make sure that all the University’s business spaces work together and benefit our aims.

RIS takes on a new director for this edition and, in due course, we will be asking her to share her thoughts, passions and plans with the research and innovation community by completing a regular column in this newsletter.

In our October edition we hope to be able to bring updates from the people behind the University’s thematic areas and more information on how you can get involved in those areas.

As always, if you would like an article included in our Autumn 2016 edition, please get in touch (ris@port.ac.uk).

Peter Hooley
Operations and Projects Support Manager
Research and Innovation Services
Funding update
Successful grants awarded between 31 January 2016 and 29 April 2016
This information is obtained from Finance via the Research Information System, Pure and can be viewed on the Portsmouth Research Portal. Grants displayed are to the value of £5,000 or higher.

Faculty of Creative and Cultural Industries
David Brown
Tyrewatch
Innovate UK – £263,733
Edward Smart
Polaris – Acquiring Data for Autonomous Vehicles
Defence Science and Technology Laboratory – £49,412

Portsmouth Business School
Peter Lee
Understanding the Moral Components of Conflict
Commercial Funding – £30,526

Ansgar Wohlschlegel
Contests in Court: The Appeals System and Investment in Litigation
British Academy – £9,560

Adam Cox
NMRN Economic Impact
National Museum of the Royal Navy – Funded

Faculty of Science
Humphrey Southall
Centre for Cities: Standardised Industrial Structure, Housing Conditions and Educational Achievement for Primary Urban Areas 1931–2011
Centre for Cities – £5,316

Philip Soar
Forgotten Fields
National Trust for Places of Historic Interest or Natural Beauty and South Downs National Park Authority – £10,400

Jan Shute
The Effect of Antioxidants on MMP Expression by Dermal Fibroblasts
Commercial Funding – £30,000

Graham Mills
Monitoring methods for detecting pollutants in surface waters in South Africa
The Royal Society – £11,100

Geoff Pilkington
The treatment of paediatric glioblastoma and diffuse pontine glioma, using re-purposed drugs in combination with PI3K inhibitors
The Ollie Young Foundation – £89,325

Karen Burnell
Age Uk Portsmouth Evaluation
Age UK Portsmouth – £25,000

Beatriz López
Applying Models of ASD to Development of Effective Employment Assessment Tools
Research Autism – £27,500

Aldert Vrij
CREST: Centre for Research and Evidence on Security Threats
Economic and Social Research Council – £462,392

Simon Kolstoe
Consistency in ethical review: analysis of ShED19 and ShED20
Health Research Authority – £8,333

Faculty of Technology
Philip Scott
Chairmanship of UK eHealth Week 2016 Conference
British Computer Society – Funded
Technical Oversight
Professional Records Standard Body – Funded

Bob Nichol
Cosmology and Astrophysics at Portsmouth
Science and Technology Facilities Council – £1,636,844

Djamila Ouelhadj
Dominant Rough Sets (DRS)
Defence Science and Technology Laboratory – £11,050
Risk Based Meta Heuristic Model for Real Time Route Optimisation
Defence Science and Technology Laboratory – £10,300

Victor Becerra
Smart Online Monitoring for Nuclear Power Plants (SMART)
Engineering and Physical Sciences Research Council – £183,212

James Burridge
Memory Effects in Culture and Games
Leverhulme Trust – £46,155

Faculty of Humanities and Social Sciences
David Andress
HMS Warrior Digital Archivist
Warrior Preservation Trust Ltd – £26,133

Victoria Wang
Data Release – Trust, Identity, Privacy and Security
Engineering and Physical Sciences Research Council – £299,355

Jacki Tapley
PCC Victim Care Unit Interim Evaluation
Police and Crime Commissioner for Devon and Cornwall – £11,750
You may be aware of the national and international push towards Open Access (OA) publishing for research outputs. HEFCE’s OA policy came into effect on 1 April 2016 and it is vital that all research-active staff are familiar with these requirements:

To ensure that a journal or conference article complies with HEFCE’s OA policy and will be eligible for inclusion in the next REF, the author must upload the output to Pure as soon as the work is accepted for publication. Authors will need to enter the full date that the article was accepted for publication. Further help is available from the Open Access information website as well as at workshops as part of the Researcher Development Programme or from the Open Access team in the Library: openaccess@port.ac.uk.

Avoiding ‘predatory’ journals and publishers

In recent months, some researchers at Portsmouth have been targeted by ‘predatory’ journals submitting their work to them. These journals accept as many articles as possible in order to make as much money as possible through Article Processing Charges. They offer little or no peer-review or editorial control, and so the overall quality is poor.

At first glance, these journals may appear reputable as their websites are often professional. However, exploring a little further can reveal this is often not the case.

For further information visit the library webpage: How to avoid ‘predatory’ journals.

Research metrics

Research metrics let you:
- find the ‘top’ journal within a field
- compare the ranking of all journals within a field
- look up your own h-index, and also look up your colleagues’ h-indexes
- see how many times an article has been cited
- see how an article has been shared via social media
- compare the University of Portsmouth (or your department) to other universities

The University has subscriptions to the major databases you need, Web of Science, Scopus and SciVal. These metrics are used in national and international league tables (e.g. The Times World University Rankings 2015–2016) and are considered as part of the REF.

Further help is available at the Library’s bibliometrics metrics page as well as at workshops as part of the Researcher Development Programme.

Open Access team

The newly formed Research Outputs team is based in the Library, and works closely with Research and Innovation Services. We cover a range of areas, including Open Access, Pure, bibliometrics, research data, and all other aspects of scholarly outputs.

Please feel free to contact us at openaccess@port.ac.uk
Graduate School update

MRes science success

Congratulations to two of our MRes Science students – Ryan Williams and Tom Thorp – who have recently been awarded NERC (Natural Environment Research Council) studentships to go on to complete their PhD’s at Reading and Leeds respectively. Ryan will be using satellite data and models to examine climate change, and Tom will be examining aerosol transport in the atmosphere. Both Ryan and Tom are part of the Environmental Processes and Change research group within the Department of Geography. NERC funds postgraduate training that sustains the flow of top talent and skills in the UK science business so these are fantastic achievements and a huge credit to their supervisors and the excellent research culture in both the Geography department and Faculty of Science.

Our MRes courses aim to help develop our students into researchers, giving them the knowledge and skills they need to develop their research further by going on to undertake a PhD or to pursue a research career, so we are pleased to hear that our students are developing into successful early career researchers. Ryan said ‘I thought the MRes Science course was great in helping to bridge the gap between undergraduate and PhD-level study. It has given me time to refine my research interests and has ultimately helped me to decide on a research project for my PhD. Furthermore, gaining a Master’s degree qualification undoubtedly supported my application for a PhD studentship to fund my research – studentships are highly competitive nowadays and so it is important to be in a strong position when you apply’. Congratulations to Tom, Ryan and the supervisors and staff who help to deliver the successful MRes course.

Student success stories

Abdul Malek Yaakob, a final year PhD student from the School of Computing has become the first and main author of a research article entitled ‘FN-TOPSIS: Fuzzy Networks for Ranking Traded Equities’. This article has been recently accepted for publication in the special issue of the IEEE Transaction of Fuzzy Systems on Fuzzy Techniques in Financial Modelling and Simulation. The article disseminates research results from Abdul’s PhD thesis. The idea of submitting his research results to this prestigious journal came to him after attending a Graduate School Development workshop on Writing a Journal Article, Book Chapter and Research Monograph led by his first supervisor, Dr Alexander Gegov. Dr Gegov advised and encouraged Abdul to disseminate his research results further by submitting an article to the special issue of the journal.

Danielle Norman, a second-year PhD researcher in the Centre for Studies in Literature, was recently awarded external funding from the British Association for Victorian Studies (BAVS). Founded in 2000, BAVS is a multidisciplinary organisation dedicated to the advancement and dissemination of knowledge about the Victorian period. It has over 600 members based in the UK and beyond drawn both from the academic community and the general public. Danielle submitted an Events Funding bid in November 2015 requesting support from BAVS for CSL’s annual postgraduate conference (for which she was the lead-organiser), entitled ‘All Things Victorian: Exploring Materiality and the Material Object’. The funding bid for the conference, which took place on March 19 2016, was generously granted by BAVS and resulted in reduced registration fees for all thirty postgraduate delegates.

Join the new Postgraduate research Google + Community!

The postgraduate research student forum is a University-wide online platform on Google+ to enable all PGR’s to stay connected, share ideas, news, research advice and issues. PGR’s and supervisors can also use this platform to advertise faculty events and find out more about what is going on across the University and at the Graduate School. We will also use the forum to help set up social events and additional workshops and lunchtime seminars so we encourage you to join the group to help provide ideas for extra training sessions you might need and to keep up to date with everything going on across the university.

To join visit
http://tiny.cc/pgrcommunity
Successful postgraduate students

Between 2 February 2016 and 2 May 2016, the following students completed their research degrees:

**Faculty of Humanities and Social Sciences**

- **Nurullah Aktas** – A Critical Analysis of Turkish Government Approaches to Humanitarian Intervention: Questioning the Impact of R2P in Turkish Foreign Policy
- **Mohamed Al Darmaki** – A Reflective Study of How Security Conceptualises the International Standardisation of Security
- **Louise Moon** – ‘Sailorhoods’: Sailortown and Sailors in the Port of Portsmouth c.1850–1900
- **Eric Phelps** – Mediation and Gangs: A Study of Violence Reduction in the Metropolitan Police Area in London
- **Zara Ramsay** – The Politics of Emptiness: Religion, Nonviolence and Sacrifice in the Tibetan Freedom Movement
- **Ian Raphael** – Cooling Hot Property? An Assessment of the Impact of Property Marking on Residential Burglary Crime Reduction, Crime Displacement or Diffusion of Benefits and Public Confidence
- **Simon Walls** – An Examination of the Relationship between the Police Service of Northern Ireland and the Orange Order since 2001

**Portsmouth Business School**

- **Hazel Beadle** – No e-as-y Solution: E-working Change. A Case Study Exploring the Increasing Use of e-working in a Local Authority
- **Sabrina Bunyan** – A Microeconomic Investigation into the Themes of Social Participation, Social Exclusion and Collective Action Affecting Individuals, Households, State and Society: Evidence From a Modern British City
- **Adam Cox** – An Economic Analysis of Spectator Demand, Club Performance, and Revenue Sharing in English Premier League Football

**Faculty of Science**

- **Jillian Bailey** – A Hermeneutic Inquiry into Adult Acute Mental Health Nurses’ Experience of Physical Restraint Procedures and their Intervention Using Forced Touch with Patients
- **Colin Barnes** – A Pilot Study to Evaluate the Effectiveness of an Individualised and Cognitive Behavioural Communication Intervention for Informal Carers of People with Dementia
- **Peter Basford** – Advanced Endoscopic Imaging in the Gastrointestinal Tract – Improving the View of Neoplasia
- **Kittisak Chaisan** – Modelling the Environmental Transfers of Radioactivity Following the Fukushima Accident
- **Michelle Cole** – Extended-spectrum -lactamases and Neisseria Gonorrhoeae: Pre-empting a Mechanism that Could Abolish Cephalosporins for the Treatment of Gonorrhoea
- **Saral Ewens** – The Effect of Interpreters on Eliciting Information, Cues to Deceit, and Rapport
- **Robert Gowland** – Directed Molecular Evolution of Novel DNA Aptamers Raised Against an Antibiotic Resistant Escherichia coli
- **Ghezlan Id Daoud** – Investigation of the Antifouling Properties of Extracts from Marine Microalgae
- **Kate Maslin** – The Effect of a Cows’ Milk Exclusion Diet and Substitute Formula in Infancy on Childhood Eating Habits
- **Oluwatoyin Olamiji** – Implementation of an Electronic Quality Management System Document Management Module to Support Reconfiguration of a District General Hospital Pathology Department Quality Management System

**Faculty of Technology**

- **Abdullah Al-Khadher** – A Study of the Implementation of Quality Management Systems (QMS) within the Kuwaiti Manufacturing Industry
- **Meshari Almutairi** – Development and Evaluation of a Remediation Strategy for the Oil Lakes of Kuwait
- **Nabeela Altrabsheh** – Sentiment Analysis on Students’ Real-time Feedback
- **Humphrey Danso** – Use of Agricultural Waste Fibres as Enhancement of Soil Blocks for Low-Cost Housing in Ghana
- **Cullan Howlett** – Modelling and Measuring Cosmological Structure Growth
- **Omed Khalind** – New Methods to Improve the Pixel Domain Steganography, Steganalysis, and Simplify the Assessment of Steganalysis Tools
- **Kimberley Parry** – Enhancing Quality of Life for Elderly People through Effective Decision-Making Processes in the Planning and Design of the External Residential Environment located in the UK South Coast

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**University of Portsmouth Ageing Network (UPAN) Conference**

The University of Portsmouth Ageing Network Conference is delighted to invite you to register for its inaugural conference: Working together to support healthy ageing

**Tuesday 28 June, 9.15am–4.00pm**

**Eldon Building**

The conference will be a blend of keynote speakers, interactive workshops, short talks and exhibition space. The latter will showcase local services working with older people, innovations and technology with hands-on interaction, and a poster display of research projects undertaken by the University and its partner agencies.

To reserve your place, please book via [Eventbrite](#).
Portsmouth Business School is pleased to invite you to our forthcoming

Postgraduate, MBA and Part-time Study Open Evening

Wednesday 22 June, 5.00pm–7.00pm

Richmond Building

Whether you are responsible for project management, HR, marketing, finance or run your organisation, we offer flexible part-time and professionally recognised postgraduate programmes for busy working people.

For students who are self-funding, we offer a generous scholarship scheme. To find out more please visit our scholarships webpage where you will also find details of the new Government Postgraduate Loan scheme.

‘I love the fact that I am studying alongside other HR professionals – the stories about others’ experiences are invaluable and the lecturers’ previous working experience really helps with our learning.’

Kate Grogan, HR Practitioner, DP World Southampton (PgD, HRM)

‘The MBA gave me a more rounded understanding of business as a whole and this now underpins much of my client-facing work.’

Gary Jefferies, MD of Hughes Ellard and Chairman of the Solent Local Enterprise Partnership (MBA graduate Jan 15)

In addition to the courses we run, there’s a wealth of information and resources which could be of benefit to your organisation – if you’d like to find out how we can be of help, just email us on bsro@port.ac.uk.
Dr Qian An and the rapid cell validation technology

Dr Qian An tells us about her journey to commercialisation, how it came about and how the experience has influenced her research.

What made you decide to commercialise your research?

We have developed this testing kit out of our own needs and we want other researchers to benefit from it as it has several clear advantages over existing systems.

What initial steps did you take on your journey to commercialisation?

Initially, I discussed this innovative idea with my colleague Dr. Helen Fillmore. We then approached Research and Innovation Services (RIS) for their advice, which led to a HEIF grant for me to carry out the proof-of-concept work. During that period, we also filed a UK patent application with support from Suzanne Truss and Kate Charles in RIS. Later on, my project was selected by SETsquared to participate in the ICURe programme.

Please describe your commercialisation journey.

This commercialisation project is still ongoing. We started interactions with biotech companies well before we received the ICURe funding. However, the commercial side of the project really took off during the ICURe programme. I learnt a range of business skills at the ICURe ‘BootCamp’. Then I embarked on a three-month market research project that consisted of interviewing customers in both public and private sectors. The ICURe programme has enabled me to confirm the value propositions of our technique, and to identify a promising business partner to work with. A key notion I have obtained from the ICURe journey is that I need to listen and learn from my potential customers so that I can have a good understanding of the market.

What obstacles have you had to overcome, and how have you done this?

This commercialisation project has certainly been both challenging and exciting. As an academic researcher, I have found that the most difficult part is to think business and talk business. As a result of the ICURe programme, I have learnt a great deal about entrepreneurship, as well as how to interact with customers and business partners. Other obstacles that I have had to overcome include evaluating the market size, getting hold of people and retaining their interest. Thanks to the financial and mentoring support behind me, I feel that I have achieved the goals and completed the ICURe project successfully.

How has RIS supported through the process?

The ICURe project would not have been successful without support from RIS. As mentioned earlier, Suzanne and Kate were involved from the beginning of this commercialisation work. Suzanne supported me in my bid for the HEIF grant and later on in the UK patent filing. Kate came on board at an early stage, and she took over from Suzanne after the latter left Portsmouth, shortly before the ICURe project began. Both helped me with the ICURe bid, and Kate acted as the Technology Transfer Officer (TTO) in the programme. Kate has been a valued team member in the follow-on interactions with our business partners, and she is currently supporting our PCT filing.

Has the commercialisation process had a positive impact on your research?

Yes, absolutely! Interacting with customers and business partners has been a great experience. I also feel much more confident about our kit now, having received very positive feedback on my work. It is certainly reassuring to know that there is a clear market gap for this technique.

Do you think the approach you take to future research might change as a result of your commercialisation experience?

Yes, without doubt. I now realise that we researchers need to get out of our labs and offices in order to fully understand what is needed by people who may benefit from our work.

What have been the benefits of embarking on the process of research commercialisation?

It has provided me with a wealth of contacts, both in industry and academia. I have had the opportunities to attend business conferences and visit a number of prestigious biotech companies, and I was also able to present this work to a broad range of audiences on several occasions. As a result, this has helped to promote our reputation and raise the University’s profile, while opening up exciting possibilities for long-term collaborations and investment.
Morality, Syria and the New Security Reality by Dr Peter Lee

From the Paris attacks in November 2015 to the Brussels bombings in March 2016, news has been dominated by a range of security concerns, many of them revolving around jihadist activity and terrorism that originates in Syria.

Throughout the year, the Portsmouth Business School team at Royal Air Force College Cranwell, has been engaged in a whole spectrum of security-related academic activity. The Air Power Studies undergraduate syllabus taught to RAF officer cadets (students) and the postgraduate programme for senior RAF officers both addressed crucial security themes: political violence, including terrorism and insurgency; military intervention; air power and strategy, the ethics of war; NATO and EU Security, and many others.

As part of the University’s wider engagement and impact agenda, in November 2015 – only days before the terrorist attacks at the Bataclan Theatre and Saint-Denis suburb of Paris – the team hosted a joint PBS/RAF seminar entitled Contemporary Security Challenges, which explored a number of pressing security concerns.

Building on this work, at the start of February 2016, three participants – Tom Smith, Vladimir Rauta and Sameera Khalfey – plus Peter Lee as Principal Investigator, were successful in a Defence Science and Technologies Laboratories funding call: ‘Understanding the Moral Component of Conflict’. An intense two-month research project followed as they produced a case study entitled ‘Perspectives Around Syria: Morals in Conflict’.

The research was conducted against the background of ongoing multifaceted conflicts across the Middle East, ranging from the violent emergence of Islamic State to civil wars, fuelled by irregular proxy forces acting in support of wider power struggles. Consequences for the region, Europe and the UK include ongoing mass migration, social unease, growing support for jihadism, and an increased threat of terrorist violence.

The project expands current understandings of competing moral components of contemporary conflict using ongoing events surrounding Syria as a multidimensional case study.

Smith explores the limitations of ‘radicalisation’ as a coherent concept for both understanding and addressing the current jihadist-terrorist threat, critiquing its effectiveness as the basis of the UK government’s ‘Prevent’ strategy. Using empirical analysis of social media activity surrounding political violence in Syria it becomes clear that morality claims play an important role in online activities which advocate support for, or participation in, the jihad. Challenging accepted convention, rather than assume that jihad is simply about bad people who want to do bad things, the study starts with the opposite premise: that most people who engage with jihad-related activities in social media are good people who, through empathy for others, want to do good things. That some of those individuals may go on to carry out evil acts is one of the outcomes that makes this field so complex and poorly understood.

Lee and Khalfey contribute contrasting perspectives on the morality of conflict from Western Just War and Islamic Just War traditions respectively. While Western Just War is no longer bound up with its religious, Christian roots, its Islamic counterpart still is, with Sunni and Shia dimensions that are further complicated by competing political interests. What emerges from the different comparisons are a whole series of competing moral arguments and counterarguments that place contradictory values on human rights, state rights, and the relative importance of God and state.

Rauta adds the final layer of complexity onto an already contentious set of arguments: the moral basis of Russia’s involvement in Syria. Regular accusations of illegality and immorality are made in the US and Europe against Russian military forces acting in support of Syria’s President Assad, coupled with compelling evidence of air strikes against hospitals. However, Russian actions have a distinct moral grounding which grants priority to the survival of the state over the survival of the individual, even if those ideas are rejected in London, Washington and the West more widely.

Somewhere in this patchwork of moral claims and counterclaims are political decisions that affect the security of everything from individuals to countries and continents. And everyone thinks that they are right. The moral high ground is being fought over every bit as passionately as the military high ground.

Acknowledging these differences will not necessarily lead to solving them. It may, however, lead to a greater understanding that helps to better address this new security reality.

Addendum: The project team will be presenting a panel on their research at the PBS Research and Innovation Conference on 13 June 2016.
Outstanding Adult Services Award: Autism Centre for Employment

Applying theoretical models of autism to the development of effective employment assessment tools

The Autism Centre for Employment (ACE) has received the prestigious Outstanding Adult Services award by the National Autistic Society. ACE received the award for their creative and innovative approach in developing a sustainable service to improve employment prospects for people with autism.

ACE was created with funding from the Department of Health: Autism Innovation Fund in January 2015 and is a rare example of genuine integration of research and practice as it has been created as a co-ordinated effort between four local authorities, a local charity and the University of Portsmouth.

The design of ACE is based on the outcomes of a large consultation exercise conducted by Dr Lopez, in collaboration with the Autism Research Hub (University of Cardiff) which revealed that the two main barriers to employment for people with ASD are 1) lack of employers’ autism awareness and 2) failure to make adjustments. Therefore, unlike other employment services for people with ASD, ACE primarily targets employers.

A high proportion of costs associated to employment programmes for people with ASD come from the salary costs of mentors. The originality of ACE is that in their work programme, the employers become the mentors. This is extremely difficult to achieve because individual profiles in the autism population vary widely so that generic training to employers on autism is usually ineffective, as each individual with autism will require different adaptations. To overcome this, ACE has developed an innovative and cost-effective assessment tool that provides employers with extensive information about individual strengths and adjustments needs of their employee as well as strategies to cope with any problems that arise.

The tools developed by ACE are firmly based on theoretical models of autism which unequivocally demonstrate that autism is characterised by unusual sensory profiles, difficulties in planning/organising and in social and communication skills. Therefore the ACE tools do not only assess employability skills and preferences but also the individual’s cognitive profile to understand how it may impact in their working life and what adaptations may be needed. The ACE tools have not only contributed to higher quality of life and job retention rates but the data generated from these assessments is being used to gain a deeper understanding of the relationship between cognitive and employment profiles in autism.
Reflecting on innovation activity successes in the Centre for Operational Research and Logistics, Dr Djamila Ouelhadj gives us her perspective.

Enterprise and innovation are key interests and aspirations in my academic career. I have been very proactive and successful in cross-faculty innovation and business engagement on several initiatives. My prime achievements to date have centred on the Centre for Operational Research and Logistics (CORL) and the successful cross-faculty leadership of its innovation activities, the South Coast Centre of Excellence on Satellite Applications for Marine and Autonomous Systems, and the establishment of the collaboration programme with the Transport Systems Catapult.

Launching of a cross-faculty Centre for Operational Research and Logistics

Higher Education Innovation Funding (HEIF) worth £38,965 was secured in August 2013 to launch CORL at the University. The centre brings together multidisciplinary expertise on the sciences of data and decision making from across the Mathematics Department, Portsmouth Business School (PBS) and the Institute of Industrial Research (IIR). CORL was created with the aim of achieving innovation and research excellence in the sciences of data and decision making, enhancing knowledge transfer activities and deepening strategic business partnerships to influence key decisions in logistics, transportation, supply chain, healthcare, renewable energy and sustainability sectors.

I chaired the launch of CORL in June 2014. This event attracted 48 business delegates and 25 academics. It involved plenary sessions, workshops and roundtable discussions on how CORL’s expertise could help businesses address greater industrial challenges and make more effective decisions.

Leadership on the innovation strategy of CORL to promote business engagement

As Director of Innovation for CORL, I have proposed and implemented a successful innovation strategy to engage academics across the faculties with business. The innovation strategy is based on the following activities:

- **Focused working groups on the science of better decision making**: Ten workshops were initiated and chaired with business delegates on the subject of ‘The science of better decision making in business’ in key industrial areas including logistics and transport, supply chain management, inventory management, healthcare maritime logistics, renewable energy and sustainability, humanitarian logistics, autonomous systems etc. About 30 companies have been involved in these workshops.

- **Workshops on effective business engagement**: A workshop has been delivered by the Transport Systems Catapult on effective business engagement: best practice.

- **Industrial secondments**: To further advance the project ideas outlined in the focused working groups, I have created industrial secondment opportunities involving academic staff working collaboratively with companies on site to engage in discussions and work on potential projects.

- **Postgraduate placements**: To promote the engagement of postgraduate students with business and the innovation activities of CORL, I have initiated the placement of the students on the MSc Logistics and Supply Chain Management to undertake their MSc projects with local companies in collaboration with a cross-faculty supervision team. We have so far placed around 30 students to undertake their MSc dissertations with companies to solve business challenges.

- **Collaboration programme with the Transports Systems Catapult**: I have recently established a relationship with the Transport Systems Catapult (TSC). TSC is one of seven elite technology and innovation centres established and overseen by the UK’s innovation agency, Innovate UK. In July 2015, I was awarded £50,000 of Higher Education Innovation Funding (HEIF) to support the implementation of this programme. As a result:
  - I have been appointed as the visiting Lead Technologist at the TSC.
  - A bid writer has been appointed for twelve months to work closely with researchers from CORL and TSC with a focus on collaborative R&D funding opportunities, involving partnerships with companies, universities and the Catapult.
  - Graham Fletcher (Lead Technologist from the TSC) has been seconded as a Professor to the University

What has been the impact of the activity?

The innovation strategy has led to successful business engagement and substantial income activity in excess of £3 million through contract and research consultancy, Knowledge Transfer Partnerships, Innovate UK, and European Union grants.

Have you encountered any problems and how have you overcome these?

Finding time to fit in innovation programmes around my teaching, research and admin activities can sometimes present a challenge. Support from the head of the department and the Dean of the Faculty of Technology are essential. Motivating academic staff to work with business as academics can be tough as they think that engaging with business is a very lengthy process involving several meetings and visits for which they do not have time. To address this, I have involved academics in the working groups and industry based events to expose them to the business opportunities.

What has the activity meant for you personally/ career-wise and the University?

It has enhanced research and innovation excellence at the University and my profile. It has helped me achieve promotion through innovation and develop long-term academic-business partnerships. The University will also benefit from the generation of high quality impact case studies to contribute to the next REF exercise. As well as impact case studies, I have developed cases to support the Logistics Teaching pathways, BSc/MSc Logistics and SCM in the Mathematics Department and the wider University. Students’ work-based learning projects have been supported by industry.
OR58
Annual Conference

6–8 September 2016, Portland Building

Chaired by Dr Djamila Ouelhadj, the event is aimed at academics, practitioners, researchers and students with interests in any aspect of Operational Research. It offers the opportunity to come and promote your services, speak directly with people and find out more about what they really need.

We are delighted to announce that two excellent plenary speakers have been confirmed: Graham Fletcher, Cubic Transportation Systems Ltd and Ruth Kaufman, President of the OR Society and an Independent Consultant.

For more information please visit
www.theorsociety.com/OR58
Featured new research study

Dr Brad Beaven

What do you hope to achieve as a result of securing the funding?

The aim of this project is to provide a new perspective on the Battle of Jutland, the largest naval engagement of the First World War by mapping its human cost and its impact on the communities of the 6,100 men lost. In mapping men lost at Jutland, we will establish the towns and cities that were hardest hit and investigate how communities responded to a heavy loss of life through exploring the local press, personal letters and diaries. In investigating a community’s reaction to the significant loss of life of local men, the project will provide a better understanding of issues such as the urban elites’ response to tragic wartime events, the potential accord and or discord between local and national patriotism, and popular morale on the home front during the First World War.

What is the potential impact of the research likely to be?

We are collaborating with the National Museum of the Royal Navy and the Portsdown University of the Third Age Community group so the research will have both national and local impact. Our research will contribute to the National Museum of the Royal Navy’s major exhibition on Jutland and we have also written an article for the Museum’s official exhibition catalogue. The project has already been featured in a national newspaper which triggered over 11,000 visits to the website in one evening! The focal point of our research is an electronic map, commissioned by the National Museum of the Royal Navy, which will showcase our evidence and stories. The general public will also be invited to upload their relatives’ stories, photographs and documents to the website thereby providing further insights into the lives of those sailors who were lost. The map can be accessed by visiting http://jutland.org.uk. The website has already received over 1.5 million visits since its launch in January.

What does it mean to you to get the funding?

The AHRC funding has enabled us to create an ambitious groundbreaking project that not only allows our research to reach a wider audience but also encourages public engagement on an international scale. Without the funding, we would not have had the time or resources to initiate the project and cement an excellent working relationship with our partners.

How is the work progressing? What problems are you encountering? How are you anticipating that these might be overcome? How have they been overcome?

The main problem we have is identifying the next of kin for over 6,000 sailors which is an extremely time consuming procedure. However, a number of our history students have volunteered to help us in matching men to their streets and neighbourhoods. We have mapped approximately 4,000 men and have just over six weeks to complete the rest. Another factor which is also causing some difficulty is the need to standardise the data we receive from our partners to ensure that our databases are accurate and easier to search.

What are you hoping to get out of the study?

The study has the potential to become part of an Impact Case Study for the next REF as we are working closely with a national museum and community group. Due to press coverage, the national museum’s Jutland exhibition and the electronic map, the research should have wide-ranging and far-reaching impact.

Mel Bassett (our research assistant) and I are also writing an academic article on the project and will present papers at conferences. The project will also lay the foundations for future work with the National Museum of the Royal Navy and the University of the Third Age community group.

What social/economic benefits will your research bring about?

The National Museum of the Royal Navy’s major exhibition on Jutland will open in May 2016 and run for three years and is predicted to considerably increase footfall in the Portsmouth Historic Dockyard. The project has also enhanced the research, interpretation and IT skills of the University of Third Age participants.

What opportunities for further research might come out of this study?

Histories of naval battles have been dominated by debates on naval strategy and technological developments. Hopefully, this project will provide the springboard for a comparative project on the impact of Jutland on German communities.
UPEN has celebrated many successes both large and small over the past academic year. Below is a summary of some of the highlights that UPEN has seen this year.

Cluster for sustainable cities
In May, the new research cluster for sustainable cities was launched by joint-leads Professor Steffen Lehmann and Professor Mark Gaterell. The cluster is a cross-faculty group with a broad focus on the transition to sustainable and liveable urban areas. It will contribute to all five institutional strategic themes by forming national and international links, drawing external funding and enhancing university research. It builds on the strengths of the Future Living group and aims to capitalise on this opportunity with the vision of becoming a formal research centre within two years. The cluster will look to build critical mass and engage with wider academic research nationally and internationally and has already engaged with a number of institutions.

Research and innovation
During the last academic year, members of UPEN have collectively attracted research income totalling just over £1.5M including four Knowledge Transfer Partnerships and three PhD studentships. In addition, there has also been £81K income from innovation activity throughout the network during the same period. These headline figures illustrate how significant and successful the level of environment-related research and innovation is at the University. Projects can be found in all five faculties and many are interdisciplinary, incorporating a variety of fields and disciplines. The PROSuDs project (Providing Real-world Opportunities for Sustainable Drainage Systems) stands out particularly as a great success within the network.

PROSuDs – Sustainable drainage
Led by Dr John Williams in the School of Civil Engineering and Surveying, PROSUdS has successfully received over £100k of Natural Environment Research Council (NERC) funding to study the impact of Sustainable Drainage Systems (SuDS) on rain run-off in urban areas. Developments, such as housing estates, generally lead to more rain running off the surface compared to the same sized area of green fields. This increased ‘urban runoff’ can lead to more river or surface water flooding downstream and often contains pollutants such as metals and oils washed off from surfaces. SuDS are a drainage concept that aim to mimic pre-development hydrology by constructing systems that pass rain water back into the ground or store it, then release it slowly back into rivers. Often this involves creating grass channels (pictured) and wetlands, which can create attractive urban areas, habitat for animals and plants and also trap and remove pollutants.

This project will work with stakeholders, including developers, regulators and SuDS designers to arrive at best practice guidance for calculating the capital costs of SuDS, quantifying the economic values of SuDS in new developments. Key partners are the Royal Institution of Chartered Surveyors (RICS) who provide professional guidance to quantity surveyors and valuation surveyors. The overall aim is to increase the uptake of high quality SuDS designs in a way that allows their inclusion on future developments.

#Raising the BAR
The first of its kind, UPEN are currently running a competition with Land Rover BAR for students to enter projects centred on suitability solutions designed specifically to benefit the sailing team and its support base. Teams of students will have the opportunity to present their projects to a panel of industry experts and world leaders at the America’s Cup World Series event in July and winners will be offered the chance to work with the team and bring their project to life during an internship. This is a great success for all involved and provides our students with invaluable experience working together in sustainability and opens up future employment opportunities.

Please get in touch at environment@port.ac.uk if you have any queries about UPEN or would like to let us know of any projects you are working on or upcoming opportunities.
The past 12 months have proved to be a busy and fruitful period for UPAN. Throughout this period UPAN has continued to grow and develop closer links, both within the University and with our community-based partners. Whilst striving to evolve and be pro-active, UPAN has also taken the opportunity during this time to reflect and to try and identify key areas and themes to help direct its future development and role. Central to this have been a number of initiatives including, for example, the UPAN Fellows Scheme. UPAN were proud to appoint during the year; three UPAN Fellows who worked on time-limited projects to provide benefits to the wider UPAN community. The focus of these projects included:

- Scoping the undergraduate education provision on dementia (and ageing) across the University and mapping this against the Higher Education Dementia Network’s agreed standard curriculum to identify the extent of the University’s coverage (Abbygail Nnadi).
- Exploring how UPAN can help academics deliver research impact. This involved a review of successful and relevant REF2014 impact case studies and templates, utilisation of the RCUK pathways to impact support materials, and available guidance on evidence of impact, and liaising with researchers in the field of ageing from across the University (Dr Matt Dicks).
- Identifying and undertaking needs/desires assessment of PGRs undertaking ageing research projects from across the University, to design and initiate sustainable solutions to help address those needs (Skaiaste Linceviciute).

In support of this work, UPAN held a successful morning workshop for University members at which three key themes were addressed: UPAN’s vision; what members’ want; and can give to UPAN; and planning the UPAN 2016 conference. UPAN members are currently utilising information obtained from the projects and the workshop to assist in ensuring the role and value of UPAN to its members and the wider University community continue to thrive.

During this year there have been many success stories covering all aspects of UPAN’s work and we look forward to celebrating these at the inaugural UPAN conference: ‘Working together to support healthy ageing’ on 28 June – save the date! Here, we have identified just two showcase examples of successful research and innovation stories.

**Prestigious award for VitalPAC technology**

Dr Jim Briggs (pictured), an expert at the University in clinical outcome modelling and telemedicine, was part of the team that has developed a life saving device. Portsmouth computer scientists and medics won an award for a handheld device which, by ‘watching’ patients’ vital signs that saved 769 lives in its first year.

The VitalPAC system was developed by The Learning Clinic with help from medics at Portsmouth Hospitals Trust and clinical outcome modelling experts from the hospital and the University of Portsmouth.

More than 20,000 nurses across 45 hospitals now use the device which won the ‘Improving Care with Technology’ award from the Health Service Journal (HSJ). Jim said: ‘It’s great to be recognised for something that contributes to saving lives. With all the talk these days about the safety of patients in hospitals, we’ve shown that a piece of technology can play an important role in helping nurses and doctors to identify the patients most at need of extra care.’

VitalPAC is designed for nurses to record vital signs which the device uses to calculate an early warning score. It then advises when the next observation is required, as well as the need for any escalation of care, according to hospital protocols. It was used first by Portsmouth Hospital Trust in 2006 and research showed that with its use, deaths in hospital fell from 7.8 per cent to 6.4 per cent, with similar results from another hospital in the Midlands.

The device can now be used for monitoring vital signs, screening of venous thromboembolism, prophylaxis, indwelling devices, dementia, alcohol consumption, nutrition and MRSA. The awards’ judges praised it for being an ‘excellent, proven and user friendly solution’.

**‘Generate’ project, working with the Aspex Gallery, Gunwharf, Portsmouth.**

Dr Julie Udell and Ms Kellyn Weir (Department of Psychology) have just completed the ‘Generate’ project, working with the Aspex Gallery, Gunwharf, Portsmouth. The project evaluated a community-based service offering people with dementia the opportunity to attend weekly community-based art workshops. The project explored whether art workshops and a self-run carer group was something the people of Portsmouth wanted and whether attendance brought any changes to their lives.

The evaluation consisted of observations of the art workshops; a satisfaction survey at quarterly intervals; and baseline, midway and final interviews with carers. Themes to emerge from the interviews included: normality; stimulation; environmental factors and sustainability. Analysis of the observational data suggests that overall, the activity of the art workshop resulted in a fairly high level of wellbeing with participants showing mostly positive indicators with only the indicator of self-esteem not displayed by participants. Additionally, those attending showed signs of being relaxed, smiling and at times laughing, while responding to peer-support most of the time.

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When research hits the headlines

Supermarket packaging can leave older consumers feeling powerless

Dr Nicholas Ford, of Portsmouth Business School’s Strategy, Enterprise and Innovation subject group, is a researcher with an interest in new product development and ageing consumers.

Earlier this year he worked with the University media team to promote his latest study, which suggested that packaging on supermarket goods can leave ‘older’ consumers feeling powerless and vulnerable.

From Dr Nicholas Ford’s point of view:

The frustrations of impenetrable packaging are experienced by almost everyone.

For some older people, however, such problems can develop into more significant issues that affect their abilities to live independently.

In my paper, I explored older people’s packaging experiences and identified implications for firms on how they can positively contribute to quality of life using packaging development.

When research hits the headlines

Following the publication of the paper in the Journal of Marketing Management, I was contacted by Andrew White regarding a press release to promote the research within the University.

Little did I know interest would stretch far beyond the confines of the University!

Working with Andrew, my paper was publicised in many local news outlets and several national newspapers and sites. I was also interviewed by BBC Radio Solent, helping to generate further interest in the research and the Business School.

Working with Andrew and the media team has been an excellent experience. The press attention my research has received contributed to my paper becoming the most downloaded in its issue.

Most importantly, the coverage has helped draw public and industry attention to a significant but often unnoticed issue that can impact on many older people’s quality of life.

From Andrew White’s point of view:

The University’s media team produces hundreds of news stories a year, many of them publicising new research.

Some of these stories create a huge splash and see the University generating headlines all over the world. In the past year or so, research-based press releases about Chernobyl wildlife, Jurassic dinosaur discoveries and the astonishing strength of limpet teeth have seen University academics namechecked everywhere from New Scientist to the Los Angeles Times (not to mention The Lady and Camping & Caravanning Magazine).

Other stories – no less important in research terms – create a smaller splash, with maybe a mention in the Portsmouth News and local or specialist news websites.

Nick Ford’s research paper, Exploring the Impact of Packaging Interactions on Quality of Life Among Older Consumers, probably wasn’t going to be another Chernobyl or limpet teeth, but I was convinced it had much more than just ‘ripple’ potential.

I know from my background as a newspaper journalist that editors get a certain gleam in their eye when it comes to consumer interest stories – especially those they think their core readership will be able relate to.

Nick’s research – about the cumulative effect of frustrations with supermarket packaging on older consumers’ sense of self-worth – seemed to fall into this category.

Fortunately, the research paper came into the press office several weeks ahead of publication, giving us plenty of time to absorb it, write a press release and decide which news outlets to target.

As well as local media, I decided to send the story to trade and national press. (You’d be amazed at just how many publications there are devoted to packaging.)

Happily, the story was picked up quite widely, making it into almost 30 publications, from local newspapers across the UK to industry magazines and national newspapers and websites.

Nick was enthusiastic and helpful when it came to helping promote his work, agreeing to pose for photographs (people always want to see the academic they’re reading about) and be interviewed by BBC Radio Solent.

He handled the attention brilliantly, and I hope he found his association with the media team a fruitful one, helping to promote his findings and cement the University’s reputation.

After all, that’s what we’re here for!

To contact the media team with your research news email pressoffice@port.ac.uk. For the latest news stories, and our individual contact details, go to www.port.ac.uk/uopnews.
The Mini Sandpit Sessions – Spring 2016

Following on from the HotHouse Programme 15/16, the CCI Enterprise and Innovation team led by Joan Farrer, Professor of Design and Innovation, are pleased to announce the mini sandpit sessions.

The first of the mini sandpits took place in April 2016, bringing together a diverse cluster of colleagues from the HotHouse Programme and was focused around the societal challenge of ‘Mental health and wellbeing, targeted at creative approaches to student mental health’.

The session lasted for approximately four hours, with small groups collaborating and developing well rounded, transdisciplinary project concepts. Within the sandpit sessions, there are expected outcomes and parameters for the teams to work towards. This was followed by a pitch to Professor Joan Farrer, Associate Dean Enterprise and Innovation CCI, and a small panel, alongside HotHouse colleagues, for consideration. Excitingly, there is an opportunity for funding of these concepts if a robust project can be developed.

Innovolvement: Fashion Hack

On Wednesday 2 March 2016, in Eldon’s Fashion Studio, Innovolvement held the Fashion Hack, which encouraged people to re-purpose waste materials while incorporating an element of technology.

Building upon Innovolvement’s initial success, the Fashion Hack was their biggest event to date with a six-hour hack day, in addition to a briefing event held a few weeks before. Georgia Tolley, Enterprise and Innovation Ambassador, has said, ‘Organising the Fashion Hack was an ambitious task but hugely rewarding to see how positively it has been received. Josh and I wanted to create a dynamic environment and I think we achieved this’.

This dynamic environment saw the creation of some truly innovative designs, ranging from a censor dictating light up skirt to a Harry Potter inspired sorting hat made from an old car radio. Georgia continued, ‘There seems to be a real buzz in and around the faculty regarding the Fashion Hack and we’re looking at options in regards to a follow up event’.

The Fashion Hack was supported by HackPompey, Fashion and Textile Staff and the CCI Enterprise and Innovation team. Tom Clulee, Course Leader for Fashion and Textiles, opened the day with a short presentation on using waste materials in fashion, showing shirts and jackets that had been made from old tailor’s samples. This got the creative juices flowing and the hacks were underway.

The day ended with the hackers presenting what they had accomplished. Thomas Hewett studies Software Engineering at the University and said, ‘I had an awesome time at the Fashion Hack! Thank you everyone involved for making it happen. Would seriously like to see another one.’

It has been an exciting first year for Innovolvement, hosting a range of diverse and engaging sessions.

PONToon success for Professor of Design and Innovation

PONToon (Partnership Opportunities using New Technologies fostering sSocial and ecOnomic inclusion) is a UK/French project focusing on employment and social inclusion, underpinned by tools and methods from the digital creative economy.

Joan Farrer, CCI, leads the PONToon bid and seeks to produce a model that fuses digital technologies, and the creative industries with employment support organisations to improve the accessibility, quality and impact of current provision for young women. These women are from a wide range of backgrounds and currently experience difficulties accessing equal training and employment opportunities across the geographical regions of Northern France and Southern England.

The project is now in the final stages of development of work packages, deliverables and budgets. Looking towards the future, ‘This will be a complex project to manage with numerous partners from public, private, government and 3rd sector organisations. However, the benefits to our various communities will be immense as we have one shared goal in mind captured in the project’s title’ says Farrer.
Small business update

Start Your Business 2016 a big success

In February, Innovation Space helped organise the second Start Your Business conference, held at Portsmouth Business School, which is a showcase event designed to provide budding entrepreneurs, start-ups, and small businesses the opportunity to meet, network and learn from other companies who are established in the city.

The event ran from 12pm–3pm and attendees were able to sit in on talks ranging from marketing, online businesses, business support, how to start a social enterprise, running a business from home, and how to pitch ideas. Building on the success of last year’s session, over 150 people attended on the day and the feedback received was incredibly positive.

We were fortunate to be approached by local entrepreneur Fleur Emery who took her concept to the shelves in Waitrose in just under 18 months. Fleur was able to talk to attendees about her experiences and clearly struck a chord with the aspiring business owners in the room as to what is possible when you take the leap and go it alone.

Launch of the creative industry business advice and access to finance scheme

On Thursday 7 April, the University hosted a launch event with Creative Network South, a group of organisations committed to advancing the representation of creative businesses in Hampshire, and Creative United, funded by Arts Council England, to promote business advice and access to finance for creative and cultural businesses in the Solent region.

Over 125 people registered for the event which was held in the Faculty of Creative and Cultural Industries. The evening was extremely well attended with representatives from local government, arts organisations, artist studios, maker spaces and independent business owners, joining us to find out more about the initiative.

We are now working with our partner organisations to identify 20 businesses in the Solent region who will receive up to 12 hours free mentoring to help develop their business into a successful and sustainable venture. Our hope is that University of Portsmouth graduates, particularly those from the Faculty of Creative and Cultural Industries, who have started their own company will be the first to benefit going through the scheme.

What next…

Over the next two years we’re looking forward to the challenge of developing the business communities who are working out of Innovation Space, Cell Block Studios, the Future Technologies Centre and Portsmouth Technopole. Finding ways to support these businesses, and introduce them to the different ways they can collaborate with the University, will create new opportunities for both staff and students and help further develop the University’s enterprise and innovation agenda.

We are also keen to develop our support for local businesses by developing our range and provision of access to information and finance. One of our goals is to look at establishing an accelerator programme that helps develop high-growth businesses from concept to market-readiness, and possible investment, within three to six months. Identifying how incubation spaces in London have offered and developed these successfully will be the first part of our research, followed by understanding the appetite for this type of intensive support in the region.
In March 2016, the Research Development Fund (RDF) Panel met to consider the applications that were submitted to the RDF Competition. As a result, RDF Awards have been made to support the following projects:

<table>
<thead>
<tr>
<th>Researcher</th>
<th>Project Title</th>
<th>Institution(s)</th>
<th>Awards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Andreea Molnar</td>
<td>Experiencing Assessment through Play</td>
<td>School of Creative Technologies</td>
<td>£23,636</td>
</tr>
<tr>
<td>Dr Adam Cox</td>
<td>Building an Innovative model of the local economy to measure the impact of policy changes: estimating the impact of population change and unemployment on the local economy, specifically the cost of policing at a national and subnational level.</td>
<td>Department of Economics and Finance</td>
<td>£18,005</td>
</tr>
<tr>
<td>Dr Mihaela Cocea</td>
<td>Developing a collaborative research programme on computational models for emotion detection and their applications to online interaction issues such as cyberbullying.</td>
<td>School of Computing</td>
<td>£24,749</td>
</tr>
<tr>
<td>Dr Sassan Hafizi</td>
<td>Investigating the therapeutic potential of Gas6 in an in vivo model of multiple sclerosis</td>
<td>School of Pharmacy and Biomedical Sciences</td>
<td>£22,967</td>
</tr>
<tr>
<td>Professor Arthur Butt</td>
<td>Developing new capacity to examine the function of ion channels in human epilepsy tissue.</td>
<td>School of Pharmacy and Biomedical Sciences</td>
<td>£21,453</td>
</tr>
<tr>
<td>Dr Marisa van der Merwe</td>
<td>Novel nanoparticulate drug delivery systems to increase efficacy of TB treatment</td>
<td>School of Pharmacy and Biomedical Sciences</td>
<td>£22,978</td>
</tr>
<tr>
<td>Dr Simon Kolstoe and Dr Andy Pickford (Co-I)</td>
<td>Testing potential inhibitors for Dengue and Zika virus</td>
<td>School of Biological Sciences</td>
<td>£22,880</td>
</tr>
<tr>
<td>Dr Maria Salta</td>
<td>To stick or not to stick? Understanding bacterial adhesion and biofilm formation in the marine environment.</td>
<td>School of Biological Sciences</td>
<td>£17,150</td>
</tr>
<tr>
<td>David Gonzalez</td>
<td>Design of aerospace components against fatigue failure using imaging informed modelling</td>
<td>School of Engineering</td>
<td>£25,000</td>
</tr>
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</table>
Part of the solution or part of the problem – do we really need leaders?

With the current presidential election campaign going on in the US and the imminent EU Referendum in this country, there is no better time than now to hear Professor James McCalman’s talk on ethical leadership from his inaugural lecture on 27 January 2016.

James talked about good leadership and pointed out the need to refocus the emphasis on leaders as individuals. He discussed why it is important to look at the leader’s life story in order to understand their authenticity. He also explored how an out-of-balance rise in Director’s pay in the last decade has contributed to our mistrust in leaders and how ‘The War of Talent’ in the ‘L’Oréal generation’ has led to the stewardship quality in leaders being neglected.

The Swinburne Leadership Survey emphasised what is considered important in leadership from a follower perspective has inspired James to look at collaborating with Swinburne University and University of Glasgow to duplicate the same work in England, Wales and Scotland with the intention to expand it out to Europe and Asia with other partners.

At the end of the lecture James stressed the importance of integrating leaders into communities so that they become part and parcel of the change away from selfishness to collectiveness.

Land, cloth, body and culture

On 17 February 2016, Professor Catherine Harper gave her inaugural lecture entitled ‘Land, cloth, body and culture’.

The lecture was introduced by Vice-Chancellor, Professor Graham Galbraith who commented that in the normal course of the working day he usually speaks to Deans about the administrative side of the job. He said that it is therefore, nice to pause and take time to learn ‘more about the person behind the role’.

Professor Harper is the Dean of the Faculty of Creative and Cultural Industries and Professor Galbraith described her as a ‘Northern Irish artist and writer’. The Vice-Chancellor gave a brief overview of Catherine’s academic history at the University of Ulster and Goldsmiths College, London and joked that her PhD in 3D woven composites for the automotive industry made her a ‘bit of an engineer’ which made him feel ‘more at home’.

Catherine began her lecture by professing her belief that ‘the personal is political’, a view first expressed in the 1970’s publication Women’s Liberation. Catherine explained that she was an Irish feminist, influenced by the women of Ireland and their continuing struggle for social justice. Catherine described herself as ‘a weaver by trade and training, a seamstress and laundress by design and an artist in text and textiles by sensibility’.

This inaugural lecture was an intricate mix of both art and politics as Catherine describes Ireland itself as a cloth, ‘a bloodied and stained cloth marked irreversibly by a history of conflict, denial, hunger, abuse, and bloodied by her greatest export; the haemorrhage of her people’.

Over the course of an hour, Catherine took attendees through the way her own art is influenced and inextricably linked with Irish politics. From the flags, banners and sashes of Ulster Unionists and Irish Republicans, through a need to explore the bog cadavers of Ireland’s distant past to escape its violent present, to her 2007 monologue entitled Intersex, Catherine wove politics and art together for the her audience.

As her alter-ego Queenie, challenging and exploring ideas of sex and gender through both textile and performance art, Catherine aimed to highlight and confront the many issues inherent in Irish conflicts both social and political. Queenie’s Washing the Walls project in Derry represented ‘the futility of attempting erasure of the city’s history, memory, trauma, and at the same time nobility of tender care of its wounds’. Catherine’s current research on stained and bloodied cloths of Ireland ‘reflects the role of cloth and clothing in illuminating social, cultural and material construction of identity’.

Catherine ended her lecture by reasserting her belief that the ‘personal is political’, a belief beautifully illustrated throughout her presentation. It is impossible to describe the art and textiles in detail in a piece of this length, nor indeed the politics which inspired them. This lecture and all inaugural lectures can be viewed online at www.port.ac.uk/research/meet-our-professors/.
Forthcoming events

Applying for NIHR funding
A one day event for Portsmouth researchers
Tuesday 5 July 2016
RDS South Central is running a free event for researchers, academics or clinicians based at University of Portsmouth and Portsmouth Hospitals Trust who are interested in applying for health and social care research funding from NIHR. The event will consist of two sessions. You can apply for one session (morning or afternoon) or both sessions, depending on your needs.

Morning session – Overview of NIHR funding
The morning session will provide generic information on applying for NIHR funding and is aimed at both experienced and novice researchers alike.
Talks will cover:
- demystifying NIHR funding
- understanding the remit of the main funding streams
- tips for applying for NIHR funding
- how the RDS can support your application.

Afternoon session – One-to-one workshops to discuss your proposal
Researchers who have a specific research idea and are considering applying for NIHR funding can have a 30 minute one-to-one session with an experienced RDS adviser. You will be required to submit a one page summary of your planned research study two weeks prior to the event. Further guidance will be sent on registration. Places are limited for this session, so attendees will be allocated on a first come first served basis. We also plan to repeat this event later in the year.

To book your place, please visit: Eventbrite

Conferences

Biennial Research Ethics and Governance Conference
Friday 24 June 2016
Venue: Portland Building
For all University of Portsmouth research and academic staff
The internet, particularly social media, provides growing opportunities for researchers; a ready source of data, recruitment and research engagement, and will be the focus for this conference. Data can be easily accessible – does the fact that they can be in the public domain mean that no ethical issues arise? Is it ethical to engage with participants in action research using social media? Is covert engagement ever ethical?

Final programme will be publicised via the RIS Bulletin and Staff Essentials and booking will be via Eventbrite. Details TBC.

Researcher Development Programme

You can reserve your place on events at Researcher Development Programme
For all University of Portsmouth research and academic staff
The variety can be deeply satisfying, but it also poses challenges. You have to adapt your communication style to very different contexts, but how is that possible while remaining true to yourself? It’s vital to stay calm and appear confident, but what happens when the audience is unfamiliar or combative? How do you make an impact and ensure that your message is heard, whatever the occasion? This highly practical session, run by VOX Coaching, will introduce you to techniques to help you performing powerfully, memorably and authentically whenever and wherever you are in the spotlight.

To book your place please visit: Eventbrite

Writing a winning research proposal
Wednesday 29 June 2016
To book your place please visit Eventbrite

Outputs Manager, will take researchers through the different requirements.

Time: 10.00am–4.00pm

Writing a winning research proposal
Wednesday 29 June 2016
To book your place please visit Eventbrite

Understanding what makes a great grant application and the criteria against which proposals are evaluated and ranked can help you to focus your efforts on what counts in grants. In this workshop, participants will be given information about what makes a good research proposal and will have the opportunity to draft a short research proposal of their own. Participants will then have the chance to act as peer review panel members and rank proposals against set criteria.

For this session, researchers should have a research project in mind and be able to start writing an outline proposal. There will be some time during the workshop for writing, but a template will be emailed a month before the workshop so you can get started beforehand if you wish to.

To book your place please visit Eventbrite
Forthcoming events

Forthcoming inaugurals

The Science of Better Decisions
Wednesday 25 May 2016
Time: 6.00pm–7.00pm
Venue: Portland Building
An inaugural lecture by Alessio Ishizaka, Professor in Decision Analysis, Department of Operations and Systems Management.

Taking good decisions is fundamental for having successful companies and a better life. Every manager and person will agree on it, however very few improve their skills in decision analysis. In this lecture some best practices and successful case studies on how to take better decisions will be presented.

From whooping cough to cigarettes: a journey in health geography
Wednesday 8 June 2016
Time: 6.00pm–7.00pm
Venue: Portland Building
An inaugural lecture by Liz Twigg, Professor of Human Geography, Department of Geography.

In this lecture Professor Twigg argues that Geography has much to contribute to our understanding of health outcomes and health damaging behaviours. She demonstrates the relevance and policy impact of contemporary quantitative health geography.

If you’re unable to make it to an inaugural lecture, catch it afterwards online at www.port.ac.uk/research/meet-our-professors/

Let them be heard: Enabling communication and recall of forensic interviewees
Wednesday 22 June 2016
Time: 6.00pm–7.00pm
Venue: Portland Building
An inaugural lecture by Becky Milne, Professor of Forensic Psychology, Institute of Criminal Justice Studies.

One of the most important tools in an investigator’s tool box is the investigative interview. This inaugural lecture will pose: What are the best ways to gather information from memory and to protect contamination? How should we interview vulnerable groups? How can this knowledge inform investigative practice and prevent miscarriages?

Other public events

Cara: A lifeline to academics at risk
Wednesday 15 June 2016
Time: 6.00pm–7.00pm
Venue: Portland Building
A public lecture by Stephen Wordsworth CMG LVO, Executive Director of Cara

Cara (the Council for At-Risk Academics) was founded in 1933 and provides urgent help to academics in immediate danger, to those forced into exile, and to many who choose to stay on to support their institutions and students, despite the serious risks they face. Ahead of Refugee Week 2016, Stephen Wordsworth will outline Cara’s work and discuss the challenges it faces. Portsmouth joined the Network of universities that work with Cara in 2014, so come and learn more. There will be an opportunity to ask questions afterwards.

Innovation Space events

Innovation Space is a University of Portsmouth initiative that helps entrepreneurs and innovation start-ups, to turn clever ideas into brilliant businesses by moving them into a professional, creative environment without distractions and with the right connections, advice and support. Innovation Space runs an events programme for entrepreneurs, start-ups, small businesses and academics interested in business engagement. Their upcoming events are free to attend and will be held at Innovation Space, 1 Hampshire Terrace, Portsmouth, and include:

Owning and Protecting your USP
Wednesday 15 June 2016
Time: 12.00pm–1.30pm

Your USP is the core of your business. It’s worth protecting. We will help you identify your USP. You’ll learn the basics of intellectual property law, finding out what you can, and what you can’t, protect.

Mark O’Halloran, Commercial Partner for Coffin Mew LLP, has worked with technology and media companies for nearly 20 years, helping them bring products to market, develop their services and protect their brands and market position. He started out in the City of London, was an adviser to Andorra on its new Trade Mark law and became European General Counsel to a Japanese multinational at the age of 28. Although Mark continues to advise many major companies, he remains committed to supporting start-ups and has designed a new service, First Call, which ensures that they can obtain the right legal support at the right time, without breaking the bank.

How to Market yourself and your Business?
Wednesday 6 July 2016
Time: 5.30pm–6.30pm

Are you planning to start-up your own business? Do you require advice on how to market yourself and your business?

This session welcomes Marketing Specialist and Professional Style Coach™ Dee Becker, who in a careerspanning more than three decades, has developed successful business relationships with key UK accounts including Liz Earle, John Lewis, Boots and QVC.

Delivered by Dee, this session will get you thinking about what you should consider when marketing yourself and your business; from establishing your goal and getting your message right, to planning your marketing activity through to the importance of impression management and branding.

‘You can only truly engage your customers’ interest if they like and understand what they see and hear. And once you have their business, you need to build that relationship and maintain their interest by communicating clearly and presenting a consistent image to them.’
Focus on a researcher

Dr Adam Cox, Senior Lecturer, Economics and Finance

Research area: Applied microeconomics. In particular, consumer behaviour in professional sports industries, and estimating the impact of policy interventions on the local economy.

Why did you become a researcher?
Curiosity and a craving to learn. My first experience of a research project was as a junior member of the Centre for Local and Regional Economic Analysis team at the University. The project was funded by a local organisation and whilst the analysis would not have been considered academically ground breaking, I saw that the organisation made real changes to its business based on our work. This captured enough interest to sign up for a PhD. The first part of which suggested that the English Premier League Football Association should allow the rights to more football matches to be shown live. After enormous help from our press office, the results circled global media. Soon after, the Premier League took the action I had argued for. I was hooked.

Describe a typical day at work:
No two days really end up the same although they likely share a lot of coffee and enough enthusiasm to annoy most of my colleagues. One of my favourite days at work this year started in an early morning meeting with a local organisation who agreed to commission an interesting study to estimate the economic impact of moving a museum to a different location. Then to the lecture theatre where my students did not appreciate my terrible jokes, but they did all discover who Ronald Coase was and his contribution to economics. The rest of the day was spent conducting research for a paper, investigating how football fans react to changes in the probability of their team winning.

What do you perceive to have been the biggest challenge you have ever undertaken?
In my research career so far, the biggest challenge has been to complete my PhD thesis. Like a lot of staff, I took the part-time PhD option alongside the full-time job. When study takes over your personal life you really need support from those around you. I would like to think hiding in a darkened room each weekend for a couple years solved the problem but I owe a lot to my wonderful girlfriend.

What is your greatest achievement?
Being awarded the Neil Rackham prize for research dissemination. This was for the research article I mentioned, saying the Premier League should sell more rights to live matches. I was also quite surprised to receive a telephone call from the Executive Chairman of the Premier League, Richard Scudamore, and some hate mail.

Who has influenced you most in life and why?
My first PhD supervisor, Guy Judge. His mentoring, his passion for football and econometrics shaped my research career. Amongst other things, Guy taught me how to turn theoretical economic problems into real applications that can be answered. He showed how to do so with great integrity. However, it is his care for students and contribution to teaching that I find most influential. I am continually reminded how great that contribution is. Each time I think I’ve made a breakthrough in teaching economics in a new and interesting way, I find that it is something that Guy was doing years ago.

What are your interests outside of work?
Playing rugby, there is not a lot that beats team sport. When I haven’t been injured by trying to play rugby, I enjoy cycling, running, and climbing mountains. I take an interest in most things that involve seeing some fantastic scenery and participating in some form of exercise, I’m suitably happy if I can get both at the same time.

If you could invite any three people to dinner (past or present) who would it be?
- Florence Nightingale, who developed an innovative graphical representation of data that helped to lobby Members of Parliament for policy reform
- Brian Cox, a modern day leader of making science accessible to all
- Kenneth Arrow, the youngest Nobel prize winner in economics who contributed to the way we understand how people interact in an economy and how information is transferred.

Pick five words that you associate the most with your research:
Research that can influence policy.