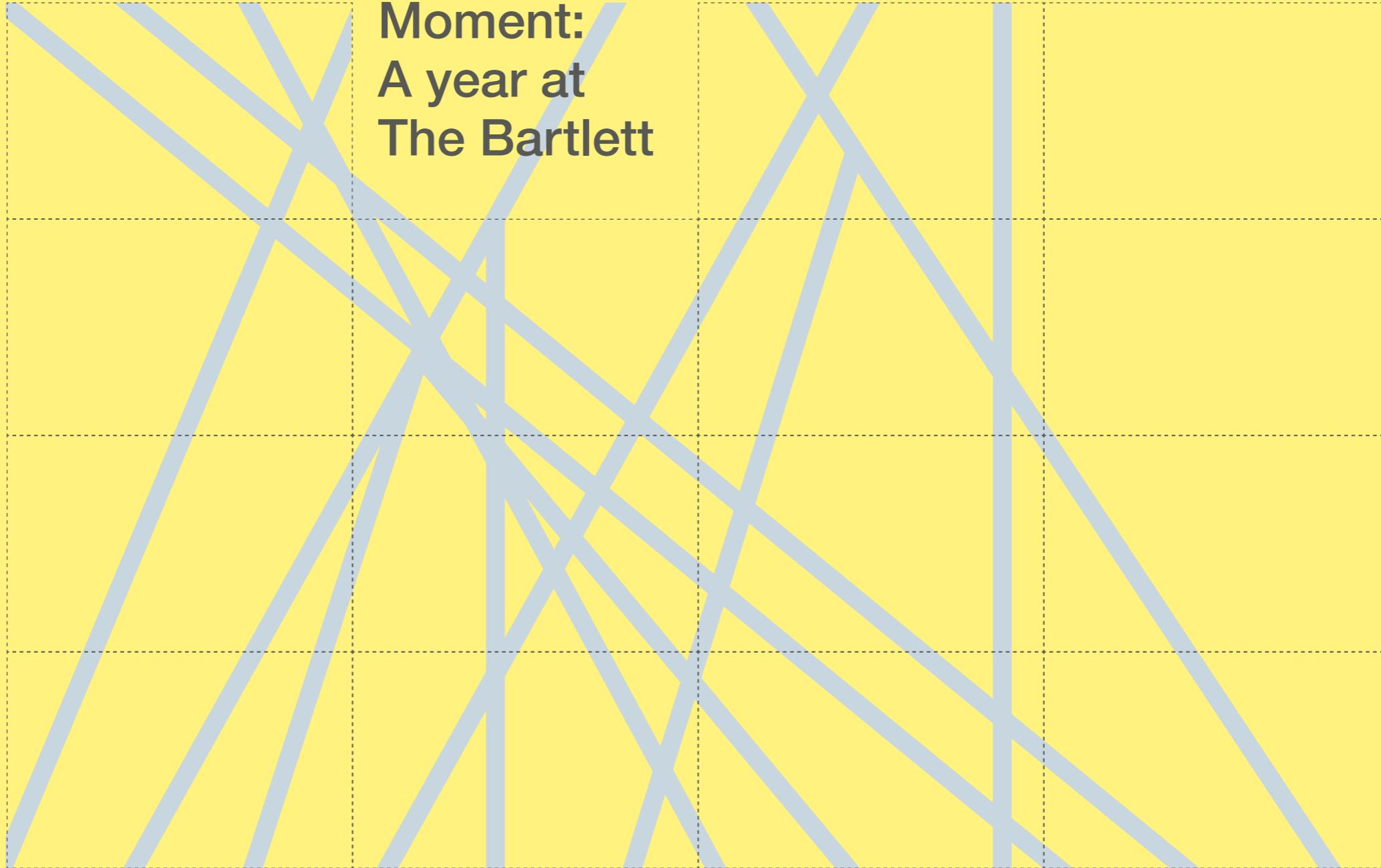


**Moment:
A year at
The Bartlett**



2014

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Introduction

A personal message from our Dean, Alan Penn

The Bartlett is a remarkable place. Things that have all the makings of a struggle go surprisingly smoothly. People rally round and stuff just happens. This year was a case in point. We restructured about a third of the faculty to create The Bartlett School of Environment, Energy and Resources. This brings together and supports four of our Institutes: the UCL Energy Institute, Institute of Sustainable Resources, Institute of Sustainable Heritage and the Institute of Environmental Design and Engineering. A fifth Institute has also just been launched. The Institute of Global Prosperity is led by Henrietta Moore and will tackle some of the trickier challenges that living within our planet's means entails.

We moved over half of the faculty to new premises, the School of Planning and the Library to Central House, and the School of Architecture to a refurbished warehouse on Hampstead Road – its temporary residence while Wates House is rebuilt. And we managed to keep the whole operation running almost as usual the whole time. It comes down to a combination of planning, design and project management, good communications, academic and professional management staff who work together, all laced with a healthy dose of pragmatism and good humour. This is not to diminish the hard work and stress involved; both have been tremendous, but given the propensity for bottom-up organisations (of which a university faculty must be the archetype) to turn 'political' in times of stress, the avoidance of hiccoughs is all the more remarkable.

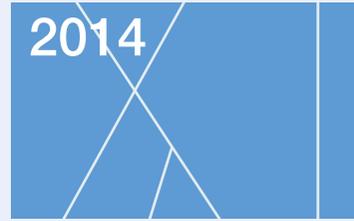
I think that there are three main reasons for this surprising smoothness. The first is that when things are going well people tend to work together. And things are going well. The Bartlett forms, by a considerable margin, the largest concentration of built environment research in the UK and is now the largest recipient of research funding in the field (having risen from fifth place in 2008). This places us at the top level internationally. At the same time, The Bartlett is young. Nearly a third of those submitted to the REF2014 (the national assessment of university research) are 'early career researchers'. Our taught programmes have never been more popular attracting students from all over the world. If The Bartlett's share of the RIBA's annual medals are anything to go by, these are amongst the best students in the country and probably the world.

The second is a matter of ethos. I have noticed over the last few years an increase in confidence in holding an ethical position with respect to the built environment. This is notable across different parts of the faculty. Staff and students alike want to be part of something that matters. The built environment does matter, and Bartlett staff and students engage in that. Whether it is working to design and construct more environmentally sustainable buildings; or to help people participate in planning their own neighbourhoods; or to improve the conditions of some of the most deprived communities in the Global South; or to help firms work more effectively and profitably in the way that they manage projects; what motivates people is to make a positive difference: taking part in something that is greater than oneself and that will outlast us all.

Third, is the 'London' factor. London is a global phenomenon of the moment. It must rate as one of the most stimulating, exciting and 'liveable' places to live and work in the world at the moment. The excitement and 'can do' atmosphere is as infectious as it is tangible. Like The Bartlett, London is young and culturally diverse. It is also at the top of the global league in almost every sense: the world's largest financial capital, a cradle of democratic government, the world's largest tourist city. In our field, it hosts the world's largest cluster of architecture, engineering and built environment professions and firms. Its universities and cultural resources are second to none. All this contributes to an atmosphere in which people focus on the positive and get things done. Holly Whyte wrote about something similar in 1980's New York. He noted how, when firms driven by escalating property costs decided to move out of the city to leafier and cheaper locations, they rarely maintained their stock market value and in most cases were no longer in business just a few years later.

This last points to the real wonder of the age. A city is an engine of innovation and culture. Understanding this, explaining it and helping ensure that the positive benefits are not outweighed by the negative consequences of dense living, is at the heart of what The Bartlett is about. Our late, much loved and sorely missed, Peter Hall had a lot to say on the matter. His work on world cities, regional clusters and their strong relationship to transport accessibility was not only pioneering, but incredibly influential on planning practice. It is hard to think of anyone whose work has had a more direct influence on the way that cities and their regional connections are planned all over the world. His influence will shape our urban landscape for many years to come.

Professor Alan Penn in the workshop at The Bartlett School of Architecture's temporary home at Hampstead Road

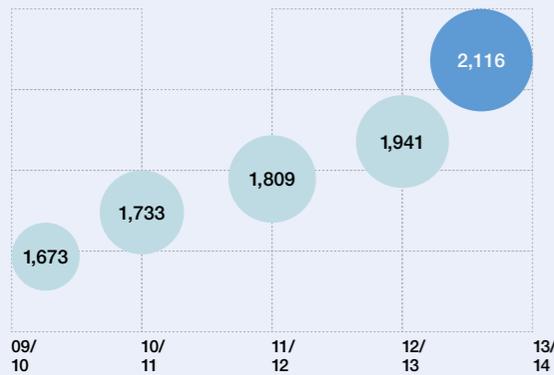


A year in numbers

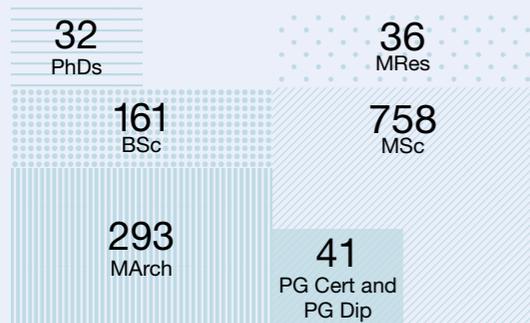
Key statistics from the 2013-14 academic year

Students

74% growth in student numbers since 2009

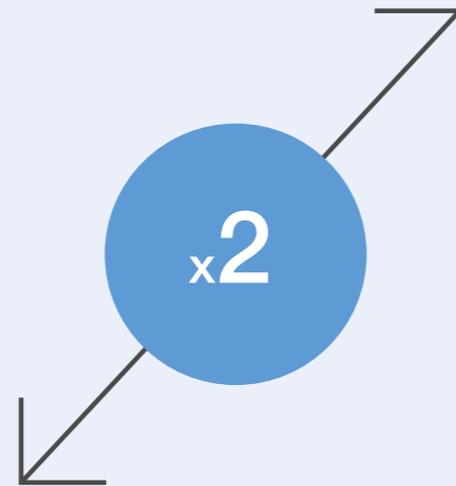


Number of degrees awarded in 2014



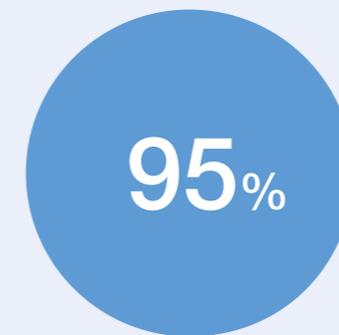
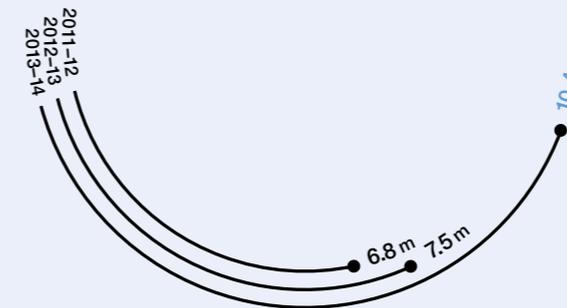
Space

In seven years we've doubled the space for students and staff



Research

53% increase in research income since 2011

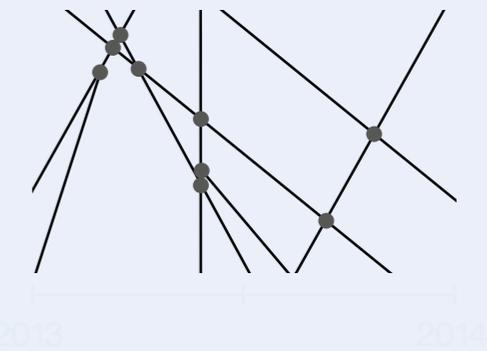


of eligible staff entered in the Research Excellence Framework

Engagement

Number of hits on our website in 2013-14

1,051,341



Number of events across the faculty in 2013-14



A tribute to Sir Peter Hall

On 31 July we received with sadness the news of the passing of our dear colleague, friend, and outstanding planner and academic, Professor Sir Peter Hall.

Professor Matthew Carmona of The Bartlett School of Planning wrote a tribute to Sir Peter, commemorating his life and career:

It is with great sadness that we mark the passing of Professor Sir Peter Hall, a true colossus in the world of planning, and a much loved colleague and friend to us all here at The Bartlett.

Peter's contribution to the world of planning academe is so significant and so extensive that it almost defies description, but is perhaps best represented in the catalogue of around 50 books that he authored or edited since beginning his academic career in 1957, many now seminal texts in the field including: London 2000, London 2001, The World Cities, Urban and Regional Planning, Great Planning Disasters, Cities of Tomorrow, Sociable Cities, Cities in Civilization; The Containment of Urban England, and most recently, Good Cities Better Lives. But Peter's contributions were not limited to academe, and as well as advising governments around the world, he conceived many of the most influential planning ideas in the UK, such as enterprise zones; London's orbital rail and strategic growth corridors; and recently contributed to the revival of interest in Garden Cities stemming from his role as Chair of the Town & Country Planning Association (since 1995).

Peter taught at the London School of Economics; University of Reading (where he was appointed Professor at the age of just 36); Berkeley, University of California; and The Bartlett School of Planning, UCL, where he was appointed Bartlett Professor of Planning in 1992. And it is perhaps in these places that his greatest on-going contribution to the field will continue to be felt long into the future, in the minds and works of the many thousands of students that he taught and inspired over his 67-year academic career.

As an indication of the esteem in which he is held worldwide, Peter was recipient of 14 honorary doctorates from universities around the world; received the Founder's Medal of the Royal Geographical Society; was an Honorary Member of the Royal Town Planning Institute from where he received the Gold Medal in 2003; was an Honorary Fellow of the Royal Institute of British Architects and Fellow of the British Academy; received the 2005 Balzan Prize for work on the Social and Cultural History of Cities; and in 2008 received the Sir Patrick Abercrombie Prize of the International Union of Architects. He was knighted in 1998, and in 2003 was named by Her Majesty Queen Elizabeth II as a "Pioneer in the Life of the Nation".

But beyond all the awards and recognition, for us, here at The Bartlett, he was quite simply our inspiration. Peter's intellectual curiosity and physical energy was legendary, as was his encyclopaedic mind about all things planning (and anything to do with trains, including the historical timeline behind old lines and stations, and exactly where to get on and off tube trains at every station across London for the most efficient journey!). But despite his greatness, Peter was always prepared to spend time with all of us, encouraging us in our endeavours and supporting the School and University in every way he could, whilst looking optimistically to the future. His empathetic nature was outstanding.

Indeed despite his illness, which he never complained about but simply accepted, Peter was working at full pelt on ideas for the future, including developing new research and hatching student projects, right up until his final few days. And this is how we shall remember him, a man always able to draw from the lessons of the past, but firmly focused on the future and on planning as a force for good.

Peter, you were a force for good, and we shall miss you greatly.



Research

Responding to global challenges
through innovative thinking



Research

60 years of urban development planning: the DPU's next job

By Emma Todd

In 2014, The Bartlett Development Planning Unit (DPU) celebrated 60 years of questioning orthodox development agendas and building local capacity across the urban Global South, with a series of both retrospective and forward-looking events and publications.

We talked to Adriana Allen, Professor of Development Planning and Urban Sustainability, about the changing face of development planning and why the Unit's research remains as relevant today as it was in the 1950s.

In the 1950s, the challenge was to develop alternative paths to the euro-centric architecture that was being exported to the tropics by introducing elements of medical research and building appropriate climatic design. By the 1960s, many countries in Asia and Africa had become largely post-colonial, but in the 1970s, when the DPU moved to UCL, statutory planning was still very much about exporting master plans with virtually no adaptation to the new emerging conditions. Throughout these two decades the DPU played a crucial role in exploring the potential of low-income housing provision in the expanding cities of the developing world.

The strength of the DPU is rooted, not only in its unerring commitment to build capacity in local contexts, but in its ability to re-imagine the role of planning in the context of fast and unwieldy change. Adriana explains: "Otto Königsberger, founder of the tropical architecture programme which was the origin of the DPU, often said that it was the Unit's mission to do itself out of a job, to make itself unnecessary.

"The DPU has fulfilled that by building the capacity of others, but the challenges facing cities across the Global South keep changing and the success of the DPU lies in being able to grow with them, to get to their core and address them afresh in every decade."

As Patrick Wakely, former director of the DPU, said on the occasion of the Unit's 50th anniversary: "The DPU has done itself out of a job many times, but there has always been the next job to do."

So what, in Adriana's opinion, is the DPU's next job? She explains: "The DPU started at a time when cities were not seen as a key locus of development planning. For a long time, an anti-urban bias dominated such debates. Nowadays, with more than half the world's population living in cities, and increasingly complex and diverse urban contexts, cities can no longer be ignored. The future is urban, in both the Global North and the Global South."

Adriana believes that the key to managing future urban challenges is not to sacrifice the big picture in the narrow pursuit of specific themes and technocratic fixes. She explains: "One of our challenges is to recognise that planning, in any context, has to deal with increasing uncertainty, whether it be climatic, socio-economic, ecological or political, and manifested in conceptual or empirical terms."

She believes that learning to manage complexity and uncertainty should be at the heart of contemporary planning research and practice: "The crucial question is: how do we deal with uncertainty and manage complexity rather than reducing planning to the process of taming cities and the everyday practices that produce them?"

One way to achieve this is to break down geographical, intellectual and disciplinary barriers and this was the theme chosen for the DPU's anniversary conference, 'Thinking across boundaries: Re-imagining planning in the urban Global South'. This three-day conference, that brought together 30 speakers from 14 different countries and was attended by over 200 people, unpacked contemporary trajectories of urban change and explored the ways in which planning is being re-configured to forge new governance

[Visit the DPU website](#)

relationships with the capacity to foster transformative change in an era of social and ecological polarisation.

So what is it about the DPU that equips it to rise to these challenges? Adriana cites the fact that the work of the Unit is 'embedded' in the urban Global South: "Despite our geographical location in London, we are not simply remote observers of the changes faced by cities and citizens in Asia, Africa, the Middle East and Latin America. We work through long-term established partnerships of equality in these cities, through what we call 'co-learning alliances'.

"This is an essential practice that underpins our research, teaching, advisory and advocacy work. Being socially and spatially embedded is, in our view, crucial to engaging with the complex constellation of knowledges and practices that seek to change cities and to expand the political space required to instil new capacities to act in a transformative, effective and ethical manner."

The diversity of the staff and student bodies also makes the DPU more able to respond to ever more complex challenges. Between its 50th and 60th anniversaries the DPU has more than doubled the number of staff and students, and now has 240 students from 50 countries, and staff from a further 23. Adriana clarifies: "It's not just a matter of numbers, but a matter of building upon this geographical and disciplinary diversity to steer a way through the local-global relationships that are essential to the work we do.

"The DPU could be seen as a melting pot. If we can keep this melting pot boiling in productive ways, I'm confident it will continue exercising its ability to respond critically to the changing landscape of development planning and to build actionable theory and aspirational practice, as we have done over the past 60 years."

Enabling community mappers to reframe state-produced maps in Lima, Peru



The 2013 Bartlett Research Materialisation Grant of £50,000 was awarded to the cross-faculty initiative titled 'Mapping Beyond the Palimpsest', which develops innovative and critical strategies for the reading, writing and audiencing of maps. The research project aims to enable local community mappers to explore innovative pathways for reframing hegemonic cartographies and develop the writing of more inclusive representations.

The project will apply innovative methods to develop a digital archive in José Carlos Mariátegui and Barrios Altos, the two study sites in Lima. The researchers hope to encourage better planning practices at policy level, and to stimulate wider public debate on and awareness of the contested settlements.

It brings together three departments within The Bartlett: Adriana Allen and Rita Lambert from The Bartlett Development Planning Unit, Andrew Hudson-Smith from The Bartlett Centre for Advanced Spatial Analysis, and Ben Campkin from The Bartlett School of Architecture. It is designed and undertaken with partners CENCA, CIDAP and Foro Ciudades Para la Vida – a network of 57 organisations from 20 Peruvian cities – as well as local communities from two contested settlements in Lima, Peru.

[Visit the project website](#)

[Visit the action-learning platform](#)

Exploring new ways of understanding and achieving equality through housing design



In a one-day seminar for the AHRC project 'Equalities and Wellbeing', The Bartlett School of Architecture invited speakers to examine current issues affecting UK housing.

During the day, audiences were invited to listen to talks on space and housing standards, equality and affordability, design and wellbeing. The conceit that unified these diverse issues was the idea that a concept of equality based on geometrical proportion can provide a foundation for greater wellbeing. 'Equalities & Wellbeing' brings together research in philosophy and housing design in order to explore new ways of understanding and achieving equality.

Speakers were invited from a range of institutions, including Deborah Garvie from Shelter, Andrea Philips from Goldsmiths University, Andrew Saint from Survey of London and architects Alex Ely, Peter Hamilton and Sarah Wigglesworth. The speakers presented as part of a dual panel, inciting debate and discussion between themselves as well as audience members.

The workshop was part of UCL Urban Laboratory's week-long Cities Methodologies programme: an on-going programme of events and exhibitions in which new methods of urban research are presented by and shared with members of all UCL faculties.

Planning for a future with achievable and low transport CO₂ emissions



In a book co-authored by Dr Robin Hickman of The Bartlett School of Planning, 'Transport, Climate Change and the City', a range of international case studies focusing on London, Oxfordshire, Delhi, Jinan and Auckland have been explored for their insights into how we might achieve low transport CO₂ emission futures. Authors Dr Hickman and Professor David Banister propose these case studies as aids for planning attractive future travel behaviours at the city level.

The alternative, the authors point out, is to continue with only incremental progress against CO₂ emission, to "sleepwalk" into climate change difficulties, oil scarcity, a poor quality of life and to continue to suffer high traffic casualty figures.

One reviewer, Professor Eran Feitelson from the Hebrew University of Jerusalem commented that: "While transport's contribution to climate change is of global importance, it needs to be addressed at the city or metropolitan scale... By taking a scenario approach to a wide variety of cities this highly readable book provides insights into what can be done and in how comprehensive a manner. It is a major contribution, of interest to academics and practitioners alike."

Investigating the health impact of energy efficiency retrofits in English dwellings



In February, researchers at The UCL Energy Institute joined with researchers at the London School of Hygiene and Tropical Medicine to investigate the potential health impact of radon related risk of lung cancer and energy efficiency retrofits in English dwellings.

The modelling study indicated that unless specific remediation is used, reducing the ventilation of dwellings will improve energy efficiency only at the expense of population-wide adverse impact on indoor exposure to radon and risk of lung cancer. Researchers warn that the implications of this and other consequences of changes to ventilation need to be carefully evaluated to ensure that the desirable health and environmental benefits of home energy efficiency are not compromised by avoidable negative impacts on indoor air quality.

The researchers have estimated that in England 1,000 deaths per year are caused by radon. They suggest that without extra ventilation methods and with an increased air-tightness, an additional 278 radon-related deaths are possible. Radon emissions can cease to be a problem, the researchers report, if better installation fabrics were to be installed.

[Download a copy of the article](#)

Hospital services are better and cheaper when provided by the private sector, C&PM study shows



A study that shows hospital services are overall better and cheaper when provided by the private sector delivered insight into the impact of alternative procurement options on the operational performance of public service infrastructure.

The study, carried out by Dr Andrew Edkins, Alex Murray and Amir Mohammadi, was released by the Infrastructure Forum and The Bartlett School of Construction and Project Management (C&PM) in January.

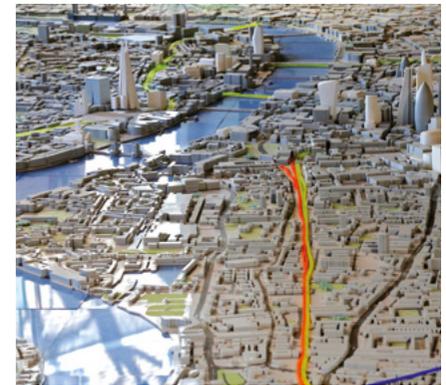
The report looked at comparatively new hospitals using data from a range of sources, including a National Audit Office survey of PFI hospital contracts undertaken in 2010. Findings showed that where services are either provided as part of an integrated PFI contract, or separately outsourced to the private sector, a higher proportion of the facilities achieve an 'excellent' patient environment rating.

The report also brought out differences in cost. Privately provided cleaning services cost nine per cent more compared to publicly provided cleaning services. However, privately provided catering services are identified as significantly cheaper than those publicly provided.

The report painted an overall picture that private provision seems to provide at least as good value for money in hospital services as those provided in-house.

[Download a copy of the report](#)

BSP celebrates 100 years of planning research and teaching



In 2014, The Bartlett School of Planning (BSP) celebrated its centenary. The BSP, which was founded in 1914 under the leadership of Professor Stanley Adshead, initially provided systematic training for architecture, engineering and surveying students in the practice of town planning. Over the years, the BSP has been guided by eminent practitioners including Professor Patrick Abercrombie, famous for his re-planning of post-war London, and Sir Peter Hall, who was knighted in 1998 for services to the Town and Country Planning Association and named as a 'Pioneer in the Life of the Nation' by the Queen in 2003.

Nowadays, BSP staff have a wide range of interests and expertise across the planning and urban studies disciplines and this is reflected both in the school's research and in the range of programmes taught.

Nick Gallent, Head of The Bartlett School of Planning, explains: "Staff members are active across the social, political, economic, environmental and design dimensions of cities and urban change. We have particular strengths in urban design, transport, infrastructure and housing – and in cross-cutting environmental and sustainability themes – meaning that we can make specialist programme offers in these areas, but also deliver a coherent view of the value of planning in addressing different and linked challenges".

UCL-Energy: Homes and businesses could generate own electricity

A study by UCL Energy Institute (UCL-Energy) and Imperial College researchers has found that UK homes and businesses could be heated using fuel cells and hydrogen in the future, while simultaneously generating their own electricity. As well as reducing CO₂ emissions, the report showed how hydrogen and fuel cells could increase UK energy security.

The report, ‘The role of hydrogen and fuel cells in providing affordable, secure low-carbon heat’, funded by the Engineering and Physical Sciences Research Council, was launched on Monday 19 May at City Hall in London.

Professor Paul Ekins, Director of the UCL Institute for Sustainable Resources and Professor of Resources and Environment Policy at UCL-Energy said: “This study suggests that hydrogen and fuel cells for heating should receive policy support equal to that for other potential low-carbon heat sources. Heat from hydrogen and fuel cells has some advantages over other low-carbon heat sources, and its costs have greatly reduced in recent years. If this trend continues, it could play an important role in reducing peak power demands and finding a new role for the gas grid in a low-carbon UK energy system.”

[Download a copy of the report](#)

UCL postgrads discuss research in environmental law

Attendees of a postgraduate symposium on environmental law, held in May, were introduced to an immense range of contemporary issues in environmental law and policy, and heard about the challenges and rewards of researching issues of environmental law and governance.

The Postgraduate Environmental Law Symposium was organised for the second time by University College London and King’s College London and was hosted by KCL at Somerset House. Organisers aimed to give postgraduate students and researchers from the UK and abroad the opportunity to meet and share their research with a supportive audience of their peers.

The day commenced with an introductory talk from Professor Maria Lee from UCL Faculty of Law. Prof. Lee discussed the challenges and rewards of environmental law and the PhD process and encouraged the delegates to think of their PhDs as an apprenticeship in academic life.

The organisers had invited contributions in any area of environmental law and governance. Presentations dealt with all levels of law and governance from international to domestic tort law, and were given by apprentice researchers who had travelled from as far afield as Rome, Glasgow and Belfast.

BSA scoops two RIBA Research Awards

In October 2013, The Bartlett School of Architecture announced that Professor Adrian Forty and PhD student Ricardo Agarez were the winners of the 2013 RIBA President’s Awards for Research.

Prof. Forty received a President’s Award for Outstanding University-located Research for his recent publication ‘Concrete and Culture: A Material History’. The RIBA judges said that said Prof. Forty’s book: “approaches concrete – a material often despised but with incredible potential – from an aesthetic and social stance rather than a technical one. It uses clever examples and is well-written. The judges consider the book an enjoyable read and a significant achievement.”

Dr Ricardo Agarez was awarded a President’s Award for Outstanding

PhD Thesis for ‘Regionalism, Modernism and Vernacular Tradition in the Architecture of Algarve, Portugal, 1925-1965’.

The RIBA judges said: “The level of rigour in Agarez’s thesis was impressive, with the student searching every planning application and building control entry in libraries over a 40-year period, leading to a total of over 700 referenced cases. The narrative of the thesis records the development of the student’s ideas and maturation as a researcher, making it an engaging read.”

Mapping the links between housing, energy usage and wellbeing

A report summarising work carried out to show the link between housing, energy use and wellbeing has supported policy-level decisions about housing developments.

The ‘Housing, Energy and Wellbeing Project’, which is managed by staff at The Institute for Environmental Design and Engineering, published the first report on work done to map the causal links between housing, energy and wellbeing in July.

The project investigates integrated decision-making about housing, energy and wellbeing, in order to inform policy-makers’ decisions about housing. It situates itself at the interface between research and policy, enhancing its relevance and impact for cross-government policies, in areas such as health, energy, economics, communities and local government.

With the publication of this report, researchers aimed to increase policy-makers’ and other stakeholders’ awareness of the links between housing, energy and wellbeing. The research will lead to better recognition of the long-term effects of policies and improve effectiveness of policies that mean a variety of goals for housing can be achieved.

[Visit the project website](#)

Seminar series showcases innovative research

In October 2013, The Bartlett School of Construction and Project Management launched a seminar series that introduces researchers and students to a wide range of influential and innovative built environment research carried out around the world and provides a platform for feedback.

The organisers of the ‘Building Research Capabilities’ seminars aim to provide a forum for researchers, students and guests to disseminate their projects and to discuss and develop their research. They have encouraged knowledge exchange and collaborative working, and have contributed to the strengthening of international research networks.

Guest speakers from the past academic year included Professor Philippe Very, who presented his paper ‘Organised Crime and International Business – an Uneasy Combination?’ in May, and Professor Geert Dewulf from the University of Twente, who discussed the possibility of developing new business models within the infrastructure industry.

Bartlett publications showcase new built environment research

In February, two professors from The Bartlett celebrated the publication of their theoretical and historical research of the built environment.

Professor Mike Batty, Chair and Professor of Planning at The Bartlett Centre for Advanced Spatial Analysis, launched ‘The New Science of Cities’: a book which proposes to understand cities as systems of flows and networks. Prof. Batty argues that our approach to urban areas must consider the relations between objects that comprise the system of the city.

Phil Steadman, Emeritus Professor of Urban Studies and Built Form Studies, celebrated the publication of his book ‘Building Types and Built Forms’. It is filled with over 400 illustrations, many drawn especially for the book and offers a new theoretical approach to understanding the effect of history over building types.

The publication of the two books was celebrated at an event held at UCL’s Grant Museum of Zoology where over 100 guests enjoyed talks by both authors as well an insight into the work of the museum by Curator of the Grant Museum Mark Carnall.

Survey of London joins The Bartlett School of Architecture

On 29 October, the celebrated publication Survey of London moved from English Heritage to join The Bartlett.

The seven-strong editorial, research and illustrative team at the Survey of London will continue their work as part of The Bartlett School of Architecture. Members of the Survey will contribute to the faculty’s teaching and research in architecture, planning, real estate and cultural heritage, as well as the related disciplines of geography, history, economics and archaeology.

Professor Andrew Saint, General Editor of the Survey, said: “It is excellent news that we can pass on the success of the Survey to such a strong institution... It is an outstanding example of continuity and innovation in the field of descriptive and analytical urban history, and its move to The Bartlett ensures it will enjoy a strong and secure future.”

The Survey was founded in the 1890s by architect C. R. Ashbee to make a record of all London’s buildings of historic value before there were laws in place to

protect them. It has become a well-respected and authoritative reference point for planners, architects, historians and local residents.

[Visit the Survey of London webpage](#)

Technology-based platform helps the elderly to be more active

Dr Navaz Davoodian, a Bartlett research associate at The Bartlett School of Environment, Energy and Resources helped develop a technology-based platform that connects the elderly to mobility services, activities and peer groups, in order to enable physical activity and improve independence.

The platform, called RecommendME!, works by removing the psychological barriers to physical activity based on the elderly user’s abilities. It also acts as a social networking platform, which helps to prevent the social isolation of elderly people by connecting users to their peers.

The RecommendME! team were awarded an Aging Research Prize worth £10,000 for best project developed at a workshop in December 2013. The workshop, ‘Keeping people active, independent and well in later life’, was launched as part of UCL’s Festival of Ageing, and was a chance for cross-disciplinary project groups to formulate research proposals addressing the problem of aging and mobility.

Teaching

Encouraging creativity,
ambition and new ideas



Teaching

Making CONTACT: a recent graduate looks back on a year at The Bartlett

By Hannah Sender

Toward the end of his three-year BA in Architecture, Felix Faire came to a cross-roads. Along one road – a road well-trodden by other BArch graduates – lay the second half of the degree in Architecture, which meant spending another five years refining skills and nurturing a speciality. The other road was a road beset by unknowns. Felix chose to take the latter and in 2013 embarked on an MSc in Adaptive Architecture and Computation at The Bartlett.

Since then, Felix has exhibited at London's Royal Academy in 'Sensing Spaces', an exhibition Architect's Journal called an "era-defining" exhibition, has won a bid for a major installation at Arup Group's headquarters, and has travelled internationally with one of his MSc projects, 'CONTACT', connecting with world-leading architects, musicians, design technologists and artists along the way.

Today, Felix understands his choice to study his MSc as a compulsion to carry on exploring multisensory interactions: "When I went into my BArch, I was certain I wanted to be an architect. Once I had started, I discovered things like mathematics, music and philosophy.

"I didn't want to leave everything else behind to study the built environment. I quickly realised I could use free raw materials such as code, sound and light to build things on my own. The Bartlett seemed like the ideal place to continue my academic research and explore these materials with greater creative scope and expert help at hand."

Arriving at The Bartlett from a more traditional course, Felix was initially confused by the level of freedom his supervisors gave him. He was encouraged to take a playful approach to technologies rather than decide on a strict theoretical proposal from the outset.

Having finished his MSc, Felix can speak with confidence about the end result of a process centred in play and experimentation: "I still believe starting a project without a vision of where it is going to lead is difficult and risky, but this playful approach allowed me to wander into new areas of technical and theoretical discourse that I would have never originally conceived of."

Mid-way through his second term, Felix developed the project that earned him his place at the Royal Academy exhibition 'Sensing Spaces'. The project, titled 'CONTACT', was a wooden table augmented with digital technologies such as contact microphones, cameras and projectors. A tap on the surface would generate rippling visual projections and sustained resonant tones from the original sound waves. Different acoustic impulses and complex motion-tracked hand gestures allowed the users to play the space of the table as an expressive audio-visual instrument.

News of 'CONTACT' reached the Royal Academy, and Felix's supervisor Sean Hanna facilitated the meeting which led to Felix creating the second iteration of 'CONTACT' for a public audience: 'CONTACT: ResonAte'.

Felix attached microphones all the way up the timber staircase of the RA's Blue Pavilion. All visitors' contact with the installation would be transformed into new audible forms while visualisations of the sound were projected onto the external facade. "You could hear your haptic presence: the timber staircase would resonate like a bell when touched" Felix explains.

Felix was growing a public portfolio of art pieces, but he and his supervisors Sean Hanna and Ruairi Glynn wanted to continue pursuing the limitations of the technology Felix had used to great effect in 'CONTACT'. Felix ultimately refined the

[View CONTACT and CONTACT: ResonAte on Felix Faire's website](#)

technology to the point at which the system only required a single sensor to create a 2D audiovisual interactive experience: a feat that his engineering peers thought impossible without multiple sensors.

Ruairi and Felix were to work together again on a wholly different kind of project in June. Ruairi had been asked to make a mock up for a competition entry for an installation at the Arup office in London. Felix's supervisors suggested that he go along to the competition meeting for a chat. Felix recalls: "Instead of trying to build a physical mockup, I said I would write a piece of software for an interactive 3D demo. The team took this model to Arup and they won the competition. I was involved from thereon out."

Following his success with the Arup installation 'BALLS!', Felix found himself at another cross-roads. "The Bartlett gave me the freedom to make projects that got public attention. I ended up doing talks in London, Brussels, Barcelona and America. Everything just kicked off in an exciting way. By the end of my MSc, there were so many interesting options that I just wanted to try them all!"

In order to satiate his cross-disciplinary passions, Felix has recently joined Roli: a music technology startup in London. "I still adore everything that is Architecture, and will no doubt return to the discipline in some form in the future, but at the moment I just want to keep learning, exploring and playing."

BSA is voted the best UK school of architecture for the 11th successive year



Readers of the Architect's Journal have judged The Bartlett School of Architecture to be the top school of architecture in the UK. This is the 11th successive year that The Bartlett has topped the Architect's Journal poll of the best schools of architecture in the UK.

In the annual AJ100 poll of the UK's largest architectural practices, the school gained 28 per cent of the vote, comfortably beating second placed University of Sheffield, who gained seven per cent and the third placed University of Bath, who received six per cent of the vote.

Senior Teaching Fellow's novel approach recognised by Provost's Teaching Award



Dr Elisabete Cidre, Senior Teaching Fellow at The Bartlett School of Planning (BSP), was announced as the winner of an Individual Teaching Award at the UCL Provost's Teaching Awards on 9 June.

Nominated in the category which recognises staff members at the beginning of their teaching careers, Elisabete was awarded for her outstanding contribution to the learning experience and success of her students.

Elisabete's pedagogical research is closely linked to her teaching practice and managerial leadership duties and, as such, her education research projects aim at creating a better and more appropriate learning environment for the BSP students.

She has developed a strong research agenda and expertise in phenomenological pedagogy and innovation in urban design learning and teaching, which aim to promote and foster the use of e-learning resources and technology tools that enhance visual literacy and build self-directed reflective learning capacity in undergraduate planning students. These resources were developed with tutors and students as active partners and participants.

The Provost's Teaching Awards were set up to celebrate the best of pedagogic prowess at UCL and to reward staff who embody UCL's commitment to improving teaching, learning and assessment.

C&PM achieves top marks for student satisfaction



The Bartlett School of Construction and Project Management (C&PM) received top marks from its undergraduate students in the 2014 National Student Survey, with 100 per cent saying they are satisfied overall with their experience at the school.

While the score reflects highly on the teaching and learning quality within the school, the final year undergraduate students, all of whom took part in the survey, were also commended for the school's success – for being a proactive, sociable and talented group who made the most of their time at The Bartlett.

Dr Aeli Roberts, Course Director for BSc Project Management for Construction, said: "My colleagues and I are very lucky to be teaching on a small programme where we get to know the students well. We are fortunate that industry is always willing to engage and help us, and this we believe enriches the learning experience. But, most importantly, we have clever and proactive students who have helped us make the course what it is – one that produces graduates that industry wants to employ."

In addition, the school's total NSS scores contributed to the BSc Project Management for Construction being rated number one in the country in its subject area.

EPSRC fund-winning CDT to pioneer a different work model for heritage scientists



In November, the Centre for Doctoral Training in Science and Engineering in Arts, Heritage and Archaeology (SEAHA) was announced amongst over 70 successful bids for EPSRC funding, and will pioneer a new work model for the 60 heritage scientists and engineers it will train.

Professor May Cassar, Director of SEAHA and Professor of Sustainable Heritage explains: "Up to now, heritage scientists have traditionally been employed in universities and in cultural institutions. SEAHA will open up opportunities, not only of working in industry but also as entrepreneurs. As entrepreneurs, graduates will have the choice to work flexibly and with a broader range of heritage in different parts of the UK and internationally."

Over 45 organisations have already committed to working in partnership with SEAHA, including galleries such as Tate, eminent museums such as the Natural History Museum, industry represented by companies such as Leica Geosystems and research and training institutions such as the National Physical Laboratory.

Thanks to these partnerships the Centre is able to offer tripartite supervision so that students benefit from the support of cultural institutions and industry in addition to academic supervision.

[Visit the SEAHA website](#)

DPU Summer School teaches sustainable development skills



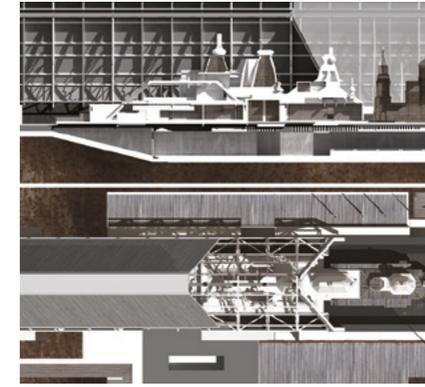
A summer school run by The Bartlett Development Planning Unit (DPU) on the theme of sustainable cities, invited 60 UCL undergraduate students to develop techniques for achieving a sustainable city in a developing country.

The summer school, officially titled 'Global Alliances for Local Change', explored the major challenges and potentials for promoting sustainable and equitable cities in the context of urbanisation and globalisation. The programme involved a series of lectures delivered by DPU staff and teaching fellows and inputs from NGO, Homeless International.

Students also participated in a simulation exercise exploring a fictionalised harbour redevelopment plan for Dar es Salaam, Tanzania. In character, students were encouraged to understand their resources and capacities, stage tactics, and develop alliances in view of their vision for change. The programme included Swahili classes and training in video narrative construction and production.

The programme ultimately aimed to explore with students the core preoccupations of the DPU and generated an appreciation of the complexity of negotiation and collaboration around different understandings of sustainable cities.

Bartlett students awarded 2013 RIBA President's Medals for innovative projects



In December, The Bartlett School of Architecture students Ben Hayes, Ness Lafoy and Tamsin Hanke were announced winners of the 2013 RIBA President's Medals.

The RIBA Silver Medal for best design project at Part Two was awarded to Ben Hayes for 'Kizhi Island'. Hayes' proposal was for a museum landscape that restored and reassembled 250 wooden Orthodox churches on Kizhi Island in Northern Russia.

Ness Lafoy and her proposal 'Helsinki Archipelago Town Hall' was awarded the bronze medal for best Part One design project. Her project was a proposal for a mainland hub for over 50,000 people who inhabit the 455 islands in the archipelago that surrounds the capital of Finland.

Tamsin Hanke, a student on Unit 17, was awarded the Dissertation Medal for her work 'Magnitogorsk: Utopian vision of spatial socialism'. Supervised by Sophia Psarra, her dissertation looked at the conception, realisation and present state of the Russian city of Magnitogorsk as an experimental utopia instigated by Joseph Stalin.

RIBA President Stephen Hodder said the winners "...overcame intense competition from the best students of architecture around the world and truly shone with their innovative, challenging and thought-provoking projects."

10th Anniversary for C&PM Masters

The MSc Strategic Management of Projects (SMP), run by The Bartlett School of Construction and Project Management, celebrated its 10th anniversary in 2014.

SMP was originally launched as the Interdisciplinary Management of Projects Masters Programme in 2004 under the directorship of Dr Andrew Edkins and Professor Peter Morris. The programme has changed significantly over the last ten years as a result of developments in industry, policy and the latest, cutting-edge thinking in UCL and worldwide.

SMP is now an intensive executive development programme which supports aspiring practitioners in developing their unique, competitive approach to managing professionally and commercially intelligent projects.

On Friday 23 May, friends of SMP and collaborators joined researchers at the Chancellor's Hall at Senate House, to celebrate and look forward to the next ten years of great ideas. Alumni, students and former associates met once again, caught up on their careers and plans for the future and enjoyed the cake!

C&PM student presents research on affordable housing

Christopher Worrall, a student on the Project Management for Construction undergraduate programme, shared his dissertation research with an innovation panel formed by the housing association Family Mosaic to evaluate future trends and options in supply and demand for housing.

Student Chris Worrall discussed his research on the US model of affordable housing delivery. Based on a unique double-tax break, the Low-Income Housing Tax Credit (LIHTC) has the potential to increase the number of affordable housing

stock, particularly for those on less than average incomes. The LIHTC is a successful public-private partnership mechanism that has drawn billions of dollars of private sector investment into the affordable housing sector in the US and helped deliver 2.5 million homes since 1986. Over 40 per cent of all LIHTC dwellings house those on 'Extremely Low Incomes'.

Christopher's research highlights the growing appetite in the UK for adopting such a scheme; especially since the government has significantly cut grant funding for private registered providers, with those in the non-profit sector being hardest hit. His timely research responds to a stark need for affordable housing schemes in the UK.

Bartlett alum exhibits at Venice Biennale 2014

The Bartlett School of Architecture PhD alum Dr Léa-Catherine Szacka exhibited at the 14th International Architecture Exhibition of the Venice Biennale, directed by architect Rem Koolhaas. Szacka's exhibit is one of the 41 installations of the Monditalia show: a scan across the Italian territory from South to North, and more extensively from Africa to the Alps and Europe.

Szacka's installation 'Effimero: Or the Postmodern Italian Condition' told the story of the series of ephemeral works of architecture constructed in Italy between 1977 and 1989. During this time, theatre, performing arts and other forms of entertainment acted as catalysts of a new collective imagination which, coupled with the rediscovery of the architectural language of the baroque, gave rise to a new sense of the spectacle. 'Effimero' was an archive of original drawings, photos and press cuttings of the structures that sustained these spectacles, and a sensitive and interpretive installation recalling an important moment in the Italian cultural scene.

[Visit the 'Effimero, or the postmodern Italian condition' website](#)

BSP students win UCL Bright Ideas award

The Bartlett School of Planning (BSP) students Arya Taware and Robin Karlsen were recognised at the UCL Bright Ideas Awards 2014 for their achievement in creating the real estate crowd-funding platform RealFunds.

Arya and Robin were presented with their award on Thursday 29 May at a ceremony to celebrate the best and brightest student and graduate entrepreneurs at UCL, and also received £10,000 in funding to support the development of their new business.

RealFunds is the first crowd-funding platform in the UK aimed at raising capital to finance real estate projects. It is an online platform which connects investors and property developers, and is set to revolutionise property investing by opening up real estate investment to a wider audience.

RealFunds was in competition with 36 other companies for the award. They were chosen to receive the award as judges felt that they would benefit most from the money in terms of expanding their business. Arya and Robin intend to use the Bright Ideas funding to finance the regulation of RealFunds by the Financial Conduct Authority.

UCL-Energy PhD student reports from the National Energy Foundation

The UCL Energy Institute (UCL-Energy) PhD student Carrie Behar returned to The Bartlett in November, having completed a four-month sabbatical, most of which was spent at the National Energy Foundation (NEF).

Carrie undertook the sabbatical in order to pursue a number of professional projects, and to gain some experience of working in a non-academic environment.

Carrie accepted a nine-week internship at the NEF, a not-for-profit organisation concerned with improving the use of energy in buildings. She was based in the consultancy department and worked on a varied range of projects and was also able to get involved with NEF's own Building Performance Evaluation project.

Carrie said: "NEF was a great place to work and I enjoyed feeling part of a team after the relative isolation of PhD research. I also timed my internship well as it coincided with the annual NEF Team Day – a fun day of brainstorming ideas to help move the organisation towards on-going ISO 14000 and ISO 9000 certification goals. I'm now looking forward to returning to the UCL-Energy in the new year to complete my PhD studies!"

BSP PhD student wins award for China-focused research

In May, The Bartlett School of Planning (BSP) announced that one of its PhD students, Yuqi Liu, had been awarded the 2014 Outstanding Student Paper Award by the China Geography Speciality Group of the Association of American Geographers for her research into community relations in Ghangzhou.

Yuqi was presented with the award for her paper, titled 'Neighbourhood Attachment, Neighbourly Interaction and Community Participation within the context of Urban Village Redevelopment: a case study of Ghangzhou, China', at the AAG annual convention in Tampa, Florida on 12 April 2014.

The AAG China Geography Specialty Group is committed to promoting the study of geography of China, including Taiwan, and to serve as a clearinghouse of information for persons interested in Chinese geography. It serves to increase contacts with Chinese geographers and encourage

professional activities, including the development of research projects. Yuqi's contribution to the China Geography Speciality Group's efforts is a source of pride not only for Yuqi herself, but also for members of BSP.

DPU PhD students participate in a virtual roundtable discussion

On 14 April several PhD candidates from The Bartlett Development Planning Unit (DPU), participated in a virtual panel, discussing with international experts the preparedness of Chile for natural disasters. The event was an initiative from the UCLU Chilean Society and was coordinated by Vicente Sandoval.

The discussion centred on the case of the 8.2-richter-scale earthquake in Northern Chile on 1 April this year, and the fires that blazed through part of Valparaiso – one of the largest cities in Chile— just two days before the roundtable took place.

The idea of a roundtable was originally constructed over the discussion and insights that emerged during the session titled 'Disasters, Emergency and Reconstruction' as part of the ChileGlobal Seminars UK.

The panel consisted of Juan Sebastian Lama (LSE), Daniel Lorenz (FU-Berlin), Bernadette Devilat (UCL), Julia Wesely (DPU) and Vicente Sandoval (DPU).

BSP hosts its first MSc summer school for prospective students

The Bartlett School of Planning (BSP) hosted its first summer school for prospective MSc students in June. Held from 2-5 June at UCL, the summer school offered an introduction to the discipline and a sense of the content and delivery of

four MSc programmes: Housing Development, Spatial Planning, Transport and City Planning and Urban Regulation. The 27 students attending the four-day taster course experienced lectures, group project work, a site visit to East London and received a talk from four BSP graduates on career options in the field.

The summer school was funded via a grant from the Higher Education Funding Council for England (HEFCE) as part of a pilot project to widen participation in postgraduate education; the first time the government has funded work in this area. The funding also supported 14 full bursaries and the costs of living grants for students applying to study on one of four MSc programmes at the BSP from September 2014.

Enterprise

Putting knowledge to work

Enterprise



“If we build for today, it will be out of date by the time we deliver it”

By Emma Todd

Mace is a consultancy and construction company with a reputation for delivering major programmes such as London 2012, and a presence in over 65 countries across the globe.

Their clients span the public and private sectors and include names such as HSBC, British Land and the Foreign and Commonwealth Office.

The main focus at Mace is to deliver on and, where possible, exceed client expectations. David Rumsey, Director at Mace explains the firm's aims: “It's about shaping the built environment in a way that allows people to interact in the best possible way and operate to the highest efficiency because their buildings allow them to.”

This means having a holistic view of the built environment and of the challenges and trends that affect it. Changing demographics, such as increased birth rates or increased immigration, have a huge knock-on effect on the built environment. “We've seen it with schools,” says David, “We spent most of the '80s and '90s closing down schools, only to rapidly rebuild them and open new ones in the early 2000s.” David believes that the construction industry has to move from a tactical approach to a more strategic one, explaining: “If we build for today, it will be out of date by the time we deliver it.”

Mace was keen to find an academic partner to help them envisage the future for built environment practice and in spring 2014 they approached The Bartlett. David explains why Mace turned to UCL and The Bartlett: “It just seemed like a really good fit. There's a synergy between the problems The Bartlett is trying to solve and those we're faced with.

“We needed an academic partner to bring high-quality, research-based statistics and evidence to our thinking in a way that we wouldn't have been able to do on our own.

The breadth and depth of knowledge at The Bartlett, and their reputation as world-leaders, made them the ideal partner.”

Mace came to The Bartlett with a specific aim: to help the UK to prepare for social infrastructure in advance of 2050. Mace and The Bartlett pooled their knowledge and expertise to produce a report titled ‘How might the UK's changing demographics impact the UK's social infrastructure by 2050?’ One source of input for the report was a collaborative event, where UCL academics joined Mace experts and clients for a panel discussion and workshop. Participants contributed insights into health, education and housing sectors and the outputs were combined with research carried out by The Bartlett.

Commenting on the workshop, David says: “The debate on the day was great because it balanced the view from clients and practitioners about the day-to-day problems they were facing with some of the more abstract concepts.”

It's an experience that David would happily repeat: “It was clear that the people who we worked with from UCL had practised in industry or are currently practising, so there wasn't a big divide in the room, just people with shared knowledge and experience of what was being discussed.”

In the long-term, David sees Mace developing even stronger ties with The Bartlett; not only helping them to deliver buildings fit for a future built environment, but also by making the process of getting to the final product more efficient.

He believes industry and academia can work together to test emerging technologies in a safe environment: “It's crucial that we embrace technologies such as Building Information Modelling, which could potentially change the way we build, taking it from on-site to a manufacturing-led process,” he explains.

[Visit the Mace website](#)

“We're going into a period when a lot of the trade contractors, traditionally associated with construction, potentially change as BIM starts to gain traction... we might also see a change in the sort of products that the construction industry offers.” David suggests that modular construction, using automated manufacturing techniques similar to those we currently see in 3D printing, is one of these possible changes.

These are just some of the questions that academia can help companies such as Mace address. In return, industry provides academia with real-life insights, a rich testing ground and an important source of data.

Dr Andrew Edkins is Vice Dean Enterprise and The Bartlett's lead on the project with Mace. He explains why engaging with industry is crucial to the academic mission: “Working with leaders in industry, such as Mace, gives us an insight into the concerns and everyday challenges faced by the construction industry. It enables us to align our research with very real problems.”

He adds: “We're not able to predict the future, but by bringing practitioners and academics together to look at historical issues and trends and how they reflect on the current situation, we can start to speculate on the future of the built environment, and hopefully improve it.”

C&PM set up KTP with Network Rail to foster innovation



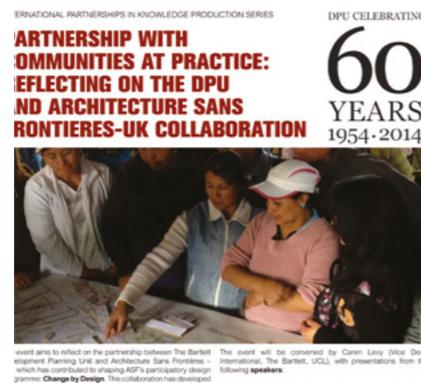
In July, The Bartlett School of Construction and Project Management (C&PM) secured over £160,000 in funding to undertake a Knowledge Transfer Partnership (KTP) with Network Rail.

The purpose of the KTP between the school and Network Rail is to support the development and implementation of knowledge management processes and systems in Network Rail that will effectively capture and transfer knowledge while increasing innovation.

The school, in turn, will gain access to industry-level information and data, which will be used to enhance new thinking. The opportunity will provide unique material for research workshops, high-quality conference papers and journal articles, and further, will be used to inform future teaching.

Knowledge Transfer Partnerships, part funded by the Technology Strategy Board, support UK businesses wanting to improve their competitiveness, productivity and performance by applying the knowledge and expertise available within academia to real world, business critical projects.

Shaping a participatory design programme with Architecture Sans Frontières-UK



In March, The Bartlett Development Planning Unit (DPU) organised the event 'Partnerships with Communities at Practice' to reflect on the partnership between the DPU and Architecture Sans Frontières-UK, which has contributed to shaping ASF's participatory design programme: 'Change by Design'.

This collaboration has developed through a series of action-learning workshops, publications and public events focusing on participatory design in the context of informal settlement upgrading. The work has informed the teaching at DPU, and has been disseminated through conferences and symposia such as the UN-Habitat World Urban Forum in 2012.

The event positioned 'Change by Design' within wider debates on the thinking and practice of participatory design. Speakers initiated conversations to influence the forthcoming 2014 World Urban Forum networking event 'Participatory Design and Planning for Equitable Cities' and asked participants to reflect on the approach of the DPU to partnerships in the field of international development.

The event was convened by Caren Levy, Vice Dean International at The Bartlett, and included presentations from Melissa Kinnear, Director of ASF-UK, on the history of the collaboration, and Nabeel Hamdi, Professor Emeritus at Oxford Brookes University, on participatory processes and change.

Greater understanding of built environment salient to UK competitiveness



Big business needs to ramp-up its board-level understanding of the built environment if it is to make smarter investment decisions that deal with issues from carbon-cutting targets to rising transport costs, a market survey commissioned by The Bartlett in 2014 warned.

Over 80 per cent of the top-level professionals interviewed said that they felt large UK companies needed a greater understanding of built environment issues at board level if they were to make smarter investment decisions in the future. Reducing carbon emissions was flagged as the chief built environment concern major organisations expected to grapple with in the next 30 years.

The survey formed part of The Bartlett's 'Profit Warning' report and came at a time when the balance between urban and rural dwellers is moving decisively in favour of cities for the first time in history.

Professor Alan Penn, Dean of The Bartlett, said: "Companies will need to harness the built environment to create the products and services needed by a sustainable, resilient and secure world."

[Download a copy of the report](#)

The Bartlett, EDF and CarbonCulture work to reduce energy use through 'big data'



In December The Bartlett, in collaboration with CarbonCulture and EDF, won funding from TSB 'Future Cities Solutions' for a short pilot project that will produce a platform for accepting energy data from a wide range of sources. The project aims to clean energy data, process it and then apply some simple tools to help analyse and produce meaningful insights.

The project aims to address the problem of how to use "big data" to help cities understand their energy consumption. Using the platform, researchers hope to allow cities to identify areas where energy savings can be made, and so function more efficiently and more sustainably.

Professor Paul Ruyssevelt from the UCL Energy Institute and Dr Ben Croxford from the UCL Institute for Environmental Design and Engineering are the UCL leads on this project. The first phase is to apply existing tools to datasets and demonstrate the systems' functionality.

CASA director honoured by UCL Provost's Spirit of Enterprise award



The Bartlett Centre for Advanced Spatial Analysis (CASA) Director, Dr Andrew Hudson-Smith, was honoured at the UCL Enterprise Awards 2014 with the last award of the evening, the UCL Provost's Spirit of Enterprise Award.

Dr Hudson-Smith was nominated by Dr Andrew Edkins, The Bartlett's Vice-Dean Enterprise. The UCL Provost's Spirit of Enterprise Award recognises the achievements and attitude of an academic at UCL who has demonstrated a willingness to engage with business in multiple ways that have enhanced their core research and teaching activities.

Video clips of the nominees were shown throughout the ceremony at the Bloomsbury Theatre and the winner revealed by Professor Stephen Caddick at the end of the evening. Dr Hudson-Smith was surprised and delighted to have won this prestigious award in recognition of his outstanding achievements.

He said: "The night highlighted the amazing amount of enterprise work UCL undertakes, it was a night to be proud of UCL. All the thanks go to the full team at CASA with a special note of thanks also to Andrew Edkins for the nomination and the kind words in the movie clip about our work."

Space Syntax celebrates 25 years



Space Syntax Limited was established on 17 July 1989 and it celebrated its 25th birthday this year.

Space syntax theory and technology were pioneered in the 1970s by Professor Bill Hillier and Professor Julienne Hanson along with their colleagues at The Bartlett.

The space syntax approach was conceived to help architects simulate the likely effects of their designs on the people who occupied and moved around in them, be they buildings or urban settlements. It has since grown around the world in a variety of research areas and practical applications.

Space Syntax Ltd. was founded as a UCL spin-out company, originally working on projects on behalf of resident and community groups. It has since developed into a globally successful commercial enterprise.

The Bartlett and Space Syntax Ltd. enjoy a symbiotic relationship, with work carried out by Space Syntax Ltd. being integrated into Bartlett teaching, and Bartlett research going some way to solving problems encountered by the company. The Space Syntax Laboratory is the central hub of the research within the Space research group, the methodology of which is taught on the MSc Spatial Design: Architecture & Cities course.

[Visit the Space Syntax Laboratory website](#)

CASA researchers map for the London Evening Standard

In late November, The Bartlett Centre for Spatial Analysis (CASA) created a set of maps to reflect the current and proposed distribution networks of the London Evening Standard. In doing so, CASA helped the London Evening Standard publishers, ESI Media, to communicate the proposed changes in the distribution network of the free paper to their stakeholders.

ESI Media approached CASA when faced with the task of adding an extra 200,000 newspapers per day to their existing distribution network of 700,000 newspapers. They wished to engage employees, clients and key stakeholders in the changes by presenting the proposed distribution networks clearly, using attractive, high-specification mapping to assist in the communication of these changes both internally and externally.

At the conclusion of the project, the client lead on the project, Adam Joseph, Strategic Insights Manager for ESI, said: “We were impressed with CASA’s high levels of expertise in the mapping area, and delighted with both the level of the service we received and the high quality of the resulting maps. They say a picture tells a thousand words – our new maps from UCL tell 700,000+ stories.”

DPU contributes to UN urban agriculture policy

In October 2013, The Bartlett Development Planning Unit (DPU) reviewed its activity in research around urban agriculture.

Professor Yves Cabannes had recently contributed to two separate papers on the issues of urban agriculture. He was a key contributor to the development of a paper prepared by Marielle

Dubbeling, Director of Resource Centres on Urban Agriculture and Food Security Foundation. The document formed the basis to the UNEP’s future policy on urban agriculture.

Prof. Cabannes also produced a report for the Food and Agriculture Organisation titled ‘Pro-poor Legal and Institutional Frameworks for Urban and Peri-urban Agriculture’, which marked a turning point for the Food and Agriculture Organisation of the UN.

DPU staff and masters students have been investigating urban agriculture and related issues in Accra, Ghana, as part of a four-year engagement, working to coproduce research with local NGOs, the International Water Management Institute, People’s Dialogue on Human Settlements and community groups. Outputs resulting from this research include a series of student reports, a short film produced by Etienne von Bertrab, and a recent journal article published by Adriana Allen and Alex Frediani in ‘City’.

[Download a copy of the UNEP report](#)

[Download a copy of the FAO report](#)

CONA and TfL’s collaboration improves understanding of infrastructure projects

In October 2013, UCL’s Centre for Organisational Network Analysis (CONA) secured over £150,000 in funding to undertake a Knowledge Transfer Partnership with Transport for London.

The purpose of the Knowledge Transfer Partnership between CONA and TfL was to enhance TfL’s knowledge in the design, implementation and evaluation of collaborative teams through the application of organisational network analysis. In return, the partnership offered the opportunity for CONA to gain greater insight into the operation of project systems

within major infrastructure projects. It provided unique case study material for research workshops, high quality conference papers and journal articles, which contributed to the quality of CONA’s research output.

CONA, led by Dr Stephen Pryke from The Bartlett School of Construction and Project Management, is an interdisciplinary centre for training, research, knowledge transfer and consultancy focused on the use of organisational network analysis.

UCL-Energy contributes to interim report presented to Ban Ki-Moon

The Deep Decarbonization Pathways Project (DDPP) interim report was presented to UN Secretary-General Ban Ki-Moon in a briefing on July 8, and to the French government the day after.

The report, produced cooperatively by leading research institutes in 15 countries, is the first global cooperative program to identify practical pathways to a low-carbon economy by 2050. Steve Pye and Gabriel Anandarajah from UCL Energy Institute led the UK analysis. The report aims to help countries to set bold targets as they go into next year’s climate negotiations.

“The Deep Decarbonization Pathways Project report is an effort to demonstrate how countries can contribute to achieving the globally agreed target of limiting global temperature rise to below 2 degrees,” said Secretary-General Ban Ki-Moon. Jeffrey Sachs, director of the Sustainable Development Solutions Network and of Columbia University’s Earth Institute, said: “Success will be tough – the needed transformation is enormous – but is feasible, and is needed to keep the world safe for us and for future generations.”

[Download a copy of the report](#)

The Bartlett assesses its work with independent business

The 2013 iteration of the Bartlett means Business conference invited attendees to learn about and contribute to projects between The Bartlett and external organisations. For the first time, the conference was opened up to all Bartlett alumni, many of whom attended.

Speakers from the faculty and from independent organisations presented examples of enterprise activity from across the schools and gave accounts of projects co-managed by The Bartlett and businesses. The floor was opened up for a Q&A session, followed by the opportunity for further networking over drinks.

Speakers included Alan Penn, Dean of The Bartlett, Andrew Edkins, Vice-Dean Enterprise and Director of The Bartlett School of Construction and Project Management, Alun Griffiths, Executive Director of Atkins, and Annie Shepperd, Chief Executive of Salix Finance.

Established in 2012, Bartlett means Business provides an opportunity for professionals and university academics to get together, strengthen relationships and start new conversations.

Workshop explores challenges facing UK social infrastructure

In September, The Bartlett and Mace co-hosted a workshop on the future of built infrastructure for social services in the UK, including education, healthcare, and housing.

The workshop was set up in order to address the importance of developing our social infrastructure to be fit for tomorrow’s demographic changes. Organisers aimed to establish key issues and discussion points to inform a joint report on the issues and put forward

recommendations for the UK market.

The event began with a panel discussion between UCL’s leading experts to generate initial ideas, followed by roundtable discussions in which experts heard attendees’ views on the issues, challenges and future pathways for the UK.

Workshop participants included leading academics, representatives from local and central government, public bodies and industry leaders from the built environment. The UCL panel featured a number of world-leading experts, including Professor Alan Penn, Dean of The Bartlett, Dr. Andrew Edkins, Director of The Bartlett School of Construction and Project Management and Professor Tim Broyd, Chair of Built Environment Foresight at UCL.

CASA host their first hackathon

The Bartlett Centre for Spatial Analysis (CASA) held its first hackathon on 7-9 November at UCL as part of ESRC’s Festival of Social Science and the Talisman project.

CASA researchers Steven Gray, Richard Milton, Ed Manley and James Cheshire were part of a team that led seven smart city challenges. These challenges were tackled by teams of four to ten people each, and included the development of a wellbeing indicator for the city of London, analysis of big data on cycling, mapping Twitter data and the development of a flood alert system.

Participants also considered the role of mobile gaming in the city and explored a new functionality for Pigeon Sim, a simulator developed by CASA researcher George MacKerron that allows the user to fly over landscapes and see space in a new way. Another team worked on a portal for the NHS that brings together multiple data streams.

During the hackathon, participants learned a range of new skills, had an opportunity to make new contacts and were exposed to the kinds of technologies and visualisations that are part of CASA’s ongoing research.

The Bartlett and London Chamber of Commerce and Industry create eco-design workshops

In October 2013, The Bartlett and the London Chamber of Commerce and Industry (LCCI) teamed up to design a series of workshops promoting eco-design amongst small and medium enterprises (SMEs) in London.

The LCCI sought The Bartlett’s expertise in sustainable building and invited the faculty to submit a proposal for a strategy to deliver guidance and training in the adoption of eco-design to SMEs. The team from The Bartlett were able to access their own cross-disciplinary networks and knowledge to enhance the LCCI’s resources and to reassure the SMEs of the value gained from a sustainable approach to construction.

Dr Aeli Roberts and Richard Hind from The Bartlett School of Construction and Project Management and Oliver Wilton from The Bartlett School of Architecture began work with the project co-ordinators to develop designs for a series of half-day workshops. By focusing on the individual needs of SMEs, the researchers targeted a significant group within the construction industry and went some way towards limiting the industry’s negative impact on the environment.

Global

Making an impact on
the world stage



Global

Building international partnerships of equivalence

By Emma Todd

2014 saw the appointment of Dame Nicola Brewer as Vice Provost International at UCL. She joined Michael Arthur's senior leadership team from the Foreign and Commonwealth Office, where she was a senior diplomat. But she wasn't the only newcomer; in the same year The Bartlett appointed UCL's first Vice-Dean International in the form of Caren Levy, senior lecturer and former head of The Bartlett's Development Planning Unit (DPU).

Much of UCL's international activity takes part in The Bartlett, in large part due to the DPU's long history working with partners in the Global South. So it was no surprise that Nicola and Caren quickly formed an alliance and opened a dialogue around UCL's global engagement strategy.

We brought them together to talk about The Bartlett's international strategy and in particular one of its principles: partnerships of equivalence. From the outset it's clear that Nicola considers there is much to be learnt from The Bartlett's experience of working internationally. She applauds the approach to the faculty strategy, recognising its solid foundation: "it starts from principles and values and I think that's where you always have to start," she says. One of those principles is 'partnerships of equivalence', something that resonates with Nicola, who strongly believes that: "partnerships, of shared values and objectives, of trust, respect and generosity, are key to success."

So what makes a 'partnership of equivalence' and why should we be cultivating them? Nicola and Caren agree that what sets partnerships of equivalence apart is that they're reciprocal, not in a quid pro quo, transactional kind of way, but in the way that the learning goes in both directions.

Caren Levy (right), Vice Dean International, in conversation with Dame Nicola Brewer (left)

One example is the DPU's work with the Indian Institute for Human Settlements (IIHS). Together they're working to design new curricula and structures at the IIHS, which will help to train urban practitioners who are able to cope with the massive changes facing India.

Caren explains: "The reason this was a partnership of equivalence from the start was that we both had respect for what each other was trying to achieve and there was absolutely no question of either of us imposing any notion of planning on each other."

The relationship has developed over time, with partners sharing good pedagogical practice as well as doing research together. "If we're working on a project that we think might be interesting to either of us, we get in touch and develop it together," Caren adds.

Both Caren and Nicola agree that respect is fundamental if these relationships are to prosper. This means respect for one another's mission and for one another's knowledge, no matter how different, because, as Caren explains: "partners might be other academics, but they might also be communities, or governments, where the knowledge is different."

Aligned values, trust and generosity of spirit are equally important. Nicola discloses that there's a partnership she's dealing with at the moment where there was an initial alignment, but it's rapidly become misaligned. "You can feel the tension all over the partnership," she says.

"When I came in people were trying to tackle the symptoms and I said 'no we've got to go right to the root here, sit back down, agree we have a misalignment of objectives and decide what to do about it.'"

Building equitable relationships has become second nature for the DPU, but for others, who are less practised, there are many pitfalls. Nicola touches on some of these including communication; making yourself understood

Visit UCL's Global website to find out more

is obviously important, but "sometimes," she says, "you just have to shut up and listen!"

She also elaborates on generosity of spirit, recounting a story she was told by someone from a university in the Global South: "A university from the Global North approached them proposing a partnership. They said 'we've had a discussion, our council has agreed we should have four themes, and we're looking for four partners, we've picked you and we want to work with you on these four themes."

"The university in the Global South says, 'oh interesting, we quite like two of them, we're not keen on the other two and we'd like to add a fifth.' 'Oh no' says the university from the Global North, 'our council's already decided! Now that's the opposite of generosity of spirit.'"

A lack of understanding of local context is another barrier and brings with it damaging unexplored assumptions. Caren recognises that there are significant challenges looking at issues in the Global South from the perspective of the Global North.

What's more, building partnerships of equivalence isn't something that happens overnight. Trust is built up over time and not all partnerships will immediately bear fruit. So why should we bother? Well, the current impact of cities on the global environment is enormous and with 70 per cent of the world's population projected to live in cities by 2050, the sustainability of our built environment is crucial. As Caren explains: "The problems we're going to face are enormously complex. They're very wide-reaching and if we don't work in a multi-disciplinary way and in a partnership fashion, we're not going to get to first base on most of them."

Wrapping up the interview, it strikes me that I've just witnessed a partnership of equivalence at work. The dialogue that Caren and Nicola have started around global engagement shows their commitment to practice what they preach.

DPU present at the World Urban Forum in Medellín



In April, The Bartlett Development Planning Unit (DPU) participated in the seventh World Urban Forum (WUF): a weeklong event organised by the United Nations and hosted by Medellín, Columbia.

The DPU had a large presence at the WUF, with members of academic staff speaking at 11 events, including a two-day workshop and seminar hosted by Caroline Newton called 'Design the un-designable: Urban design, informality and critical architectural pedagogies.' DPU staff also participated in a workshop co-hosted by The World Bank and UN-Habitat titled 'Challenges and Opportunities in Capacity Development of Cities and Local Government', and launched 'Urban mobility and poverty: Lessons from Medellín and Soacha, Colombia', a collection of reports from a two-year research project. Toward the end of the forum, DPU staff presented at a roundtable event with UN-Habitat.

Over 22,000 people attended the WUF, making the seventh session a record-breaker. Dr Joan Clos, Under-Secretary General of the United Nations and Executive Director of UN-Habitat, urged partners to support a stand-alone urban goal in the Sustainable Development Goals as they work towards the Third UN Conference on Housing and Sustainable Urban Development in 2016.

[Visit the World Urban Forum 7 website](#)

Improving energy efficiency in the Greater Mekong Sub-region



Over the past year, the UCL Energy Institute (UCL-Energy) has led a £550k research project that focuses on energy efficiency improvements in Greater Mekong Sub-region (GMS) countries, namely, Cambodia, Laos, Myanmar, Thailand and Vietnam. UCL-Energy Lecturer Gabriel Anandarajah led the project titled 'Effective energy efficiency policy implementation targeting new Modern Energy Consumers in the Greater Mekong Sub-region (MECON)'.

This project, launched in June 2013, investigated energy efficiency amongst new modern energy consumers in the GMS countries in order to improve policy design and implementation of energy efficiency measures. The research was timely since energy demand is expected to increase rapidly over the coming decades, particularly in Asia and this is in large part as a result of energy consumption from new modern energy consumers.

MECON aims to improve our understanding of the opportunities and barriers to increasing energy efficiency amongst this consumer group in the Greater Mekong Sub-Region.

Targeting these consumers will have positive development outcomes on household economies, national energy demand and on GHG emissions. This research will also assist the countries of the GMS to realise sustainable energy access for all rapidly and cost effectively, whilst reducing the environmental impacts of this increased demand.

[Visit the project website](#)

DPU helps develop an alternative voice to Medellín's Strategic Spatial Plan



Between August and October 2014 the work of community organisations, NGOs and universities in Medellín, Colombia, on the development of alternatives for District Eight was presented as part of an exhibition titled 'Comuna 8, a varias manos / Commune 8, by several hands'.

The exhibition was an outcome of some of the processes initiated by The Bartlett Development Planning Unit (DPU) staff and students in a series of activities in Medellín over the previous year, including the 'Contested Urbanism Studio 1' and the 'DPU Summer Lab 2013'. During this time DPU engaged in a series of collaborative transnational workshops and studios, in association with the Universidad Nacional de Colombia (UNAL), School of Urban and Regional Planning. The fruits of this collaboration contributed to discussions on the Medellín Strategic Spatial Plan.

The result has been the development of community design strategies for action planning and growth management. These have been developed at different scales in order to tackle the contested and multiple visions of development with the goal of visualising and developing an alternative voice to Medellín's Strategic Spatial Plan.

London-Ukraine collaboration generates workshops on Europe's future energy landscape

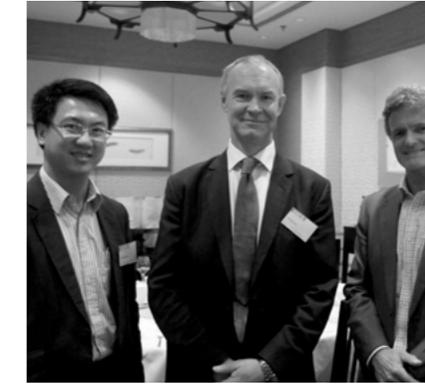


In spring 2014, UCL hosted several workshops on the potential changes in Europe's future energy landscape, with a particular focus on Ukraine, Russia and member countries of the EU.

The workshops followed the success of Dr Catalina Spataru from the UCL Energy Institute (UCL-Energy) in proving the feasibility of a project to be carried out by UCL-Energy and the Department of Physics and Energy, Kharkiv National University in Ukraine. In the feasibility study, Dr Spataru discussed the future of the energy system in Ukraine and its role in Europe, and proposed to build collaboration between UCL-Energy and Kharkiv National University.

Dr Spataru covered the challenges of combining various energy resources and the impact on the future energy networks, and discussed energy futures with different stakeholders including government authorities. She planned two of the workshops, with one in the Ukraine on energy demand and supply, as well as potential improvements at national level for Ukraine. The other workshop was held in London, with focus on the Ukraine and Russia's future energy landscape.

Built Environment Clubs expand through Asia



In the past academic year The Bartlett, has announced the launch of two new UCL Built Environment Clubs (BECs) in Chongqing and Seoul, taking the total number of BECs in Asia up to six.

The BECs were established in 2012 with the aim of strengthening the connection between built environment professionals in selected 'World Cities' and UCL researchers. With the support of local UCL alumni and associated built environment professionals, UCL has been able to deliver training, lectures and workshops, covering a wide range of expertise. The BECs are largely driven by the local alumni and associated professionals, who decide on the forms of governance for the group, membership and what activities are offered.

The BECs are located in major cities, including Shanghai, Beijing, Hong Kong and Singapore, and have helped to connect UCL's built environment alumni with other professionals and academics in their host countries or cities. The organisers of the BECs hope to use training events and lectures to inform high-quality built environment research and practice around the world.

The Bartlett provides executive education to Guangdong provinces' senior urban planners



In September, a group of 30 senior planning officials from 16 cities across Guangdong province in southeast China completed a ten-day executive training course in London organised by The Bartlett School of Planning.

Training was delivered as a series of lectures given by Bartlett professors, with subjects ranging from the historical evolution of town planning, to more contemporary issues such as low-carbon transportation and culture-led regeneration.

China is facing unique challenges to effectively deal with a rapidly increasing urban population. It is expected that 70 per cent of China's population will live in urban areas by 2035. This situation has led to an increase in UK interest in the region, with opportunities to influence the growth of cities.

Professor Alan Penn, Dean of The Bartlett, commented: "This ground-breaking course has created a unique recipe, the core ingredient of which is our leading academic knowledge on successful urban strategies. It is pleasing to be able to make this new contribution, beyond more conventional routes of educating students, to building capacity in China and we look forward to continued engagement with Guangdong beyond this course."

DPU highlights limitations of development plans in Dhavari

The Bartlett Development Planning Unit's (DPU) three-year research into the contested urban site of Dharavi, Mumbai indicates that projected developments ignore complex social systems of the area.

Dharavi is widely known as Asia's largest slum and has an estimated population of between 700,000 and one million people. The land on which the slums is located in a contested site, which has been able to adapt to developments forwarded by the local government.

On the occasion of the 7th World Urban Forum in Medellin and the DPU's involvement at this event, a book which brings together the research conducted on Dharavi was made available for free download.

The book, titled 'Contested Urbanism in Dharavi: Writings and projects for the resilient city', highlights field research and studio-based projects on Dharavi conducted with DPU students from 2009 to 2012. The collection of essays, photography, and student work illustrates both the theoretical underpinnings and pedagogical ethos of the MSc Building and Urban Design in Development. The DPU book indicates the complexity of the city's structure and social politics, and takes a stand for the value of the local population's insights.

Watch the 'Contested Urbanism in Dharavi' video on Vimeo

CASA staff tour China's Built Environment Clubs

In May, Dr Adam Dennett, a lecturer in Urban Analytics, and Lisa Cooper, the Teaching and Learning Administrator for The Bartlett Centre for Advanced Spatial Analysis, returned from a whirlwind visit to China where they toured the UCL Built Environment Clubs. During their visit, Dr Dennett and Ms

Cooper showcased the cutting-edge research of the department, raised awareness of the MSc Smart Cities course and promoted Mike Batty's recently published book 'The New Science of Cities'.

The first stop was Beijing where Tsinghua University and Peking University welcomed Dr Dennett and Ms Cooper before they flew onto Shanghai to present at Tongji University. They visited South China University of Technology and Sun Yat Sen University in Guangzhou before moving onto Hong Kong. There, they visited the Chinese University of Hong Kong, the University of Hong Kong and Hong Kong Baptist University. During the trip, they also found time to meet with a key member of staff from the architectural company Haskoll.

Though brief, the trip strengthened existing ties in China, and CASA staff are looking forward to a second opportunity to visit.

Maputo residents involved in local planning through DPU Lighthouse Activity project

A project led by researchers in The Bartlett Development Planning Unit (DPU) dedicated to empowering the urban poor to design and implement activities to adapt to climate change in Maputo, Mozambique, has been recognised as one of the 2013 Lighthouse Activities under the 'Momentum for Change' initiative of the United Nations.

The project, 'Public Private People Partnerships for Climate Compatible Development' (4PCCD), enabled local residents in an informal settlement in Maputo to establish a climate planning committee whose members wrote a plan for local development under climate change.

In November 2013, community representatives started negotiations with government institutions and the private sector to implement their proposals for drainage improvement, waste recycling

and environmental education. The project demonstrated both the capacity of local citizens to intervene in local planning and their engagement with climate change issues in their neighbourhood.

The project is one of 17 Lighthouse Activities that were selected by a 16-member international advisory panel. "The 2013 Lighthouse Activities are true beacons of hope, demonstrating what happens when innovation and passion come together to address the biggest challenge of our time," said United Nations Framework Convention on Climate Change Executive Secretary, Christiana Figueres.

Visit the UNFCCC website

China Planning Seminars widen perspectives

The China Planning Seminars series, convened by the China Planning Research Group, have continued to inform built environment researchers of the planning practices in China and to promote cross-disciplinary approaches to planning in the 2013/2014 academic year.

The China Planning Research Group, which sits within The Bartlett School of Planning, is an inter-departmental initiative which aims to promote a collaborative space of research within UCL and universities across London to prove a multi-disciplinary perspective on China's recent development. The group provides a platform for comparative studies through seminars, workshops, exchange visits and conferences on the rapidly changing urban and rural areas of China.

In the past academic year, speakers have covered a diverse range of topics, including ethnic enclaves within China, China as the "world factory" and economic prosperity. In January, the organisers invited staff and students to attend a Chinese New Year party.

Visit the China Planning Seminars webpage

ISH collaborates with world-leading cultural institutions

Over the past academic year, the Smithsonian Institute, the Getty Conservation Institute and the Metropolitan Museum of Art have been among several organisations to collaborate with the UCL Institute for Sustainable Heritage (ISH). They have pledged to provide studentships and in-kind support, with the Director of the Museum Conservation Institute of the Smithsonian describing ISH as a global leader in heritage science.

Beyond the US, The City University of Hong Kong and The Grand Museum of Egypt in Cairo have partnered with ISH in order to train at least 60 doctoral students in heritage science by 2022. In Europe, relations were reinforced with the Centre de Recherche et de Restauration des Musées de France and the Louvre Museum, Paris; Rijksmuseum, Amsterdam and National Museum of Denmark, Copenhagen.

Both existing and new partners form part of the network associated with the new Centre for Doctoral Training in Science and Engineering in Arts, Heritage and Archaeology, a collaborative initiative between ISH, University of Oxford and University of Brighton.

DFID-DPU consortium examines Nigerian citizens' wellbeing

Since Autumn 2013, The Bartlett Development Planning Unit (DPU) has been part of a UK Department for International Development (DFID)-funded programme of urban research in Nigeria, which explores the wellbeing of citizens under four broad research themes.

The programme, 'Urbanisation Research Nigeria' (URN), has been developed within a consortium including ICF International, the Foundation for Development and

Environmental Initiatives (FDI), Ibadan, Benue State University, Makurdi, and the University of the West of England, Bristol. At the programme's initiation, DPU's Julian Walker and DPU Associate Michael Mattingly worked with consortium partners to put together a research framework, agreed during a research forum in Abuja. Since then, the DPU has taken charge of the 'Well-being of Urban Citizens' theme.

In 2014, DPU lecturer Andrea Rigon, with partners from Ahmadu Bello University in Zaria, conducted scoping research on the theme of wellbeing of urban citizens in five cities: Abuja, Kaduna, Zaria, Lagos and Ibadan. Lecturer in Political Economy of Development Naji Makarem contributed to the scoping research for the URN theme Urban Economic Growth, Infrastructure and Livelihoods. Both Andrea and Naji worked with current DPU MSc candidates who successfully competed for a dissertation internship related to the URN themes.

Download the URN Framework and Plan document

DPU alumni intern in Southeast Asia

As part of a broad partnership between The Bartlett Development Planning Unit (DPU) and the Asian Coalition of Housing Rights, an internship programme available to DPU alumni at a junior professional level was offered in the past academic year.

DPU alumni spent six months working with communities in Cambodia, Indonesia, the Philippines and Vietnam. During six months of immersion, the interns supported mapping, planning and design processes and debated issues of housing and land rights. Through this experience they shared perspectives, values and stories with communities across South-East Asia.

The partnership has also enabled MSc students to take field trips in Asia. Students were challenged to apply their skills at a grassroots level in wholly new environments. The field trips created the opportunity for a two-way development between DPU students and the local communities.

In the future, the long-standing partnership will take different shapes, including a book of insights from a Community Architecture Network internship (made possible by the relationship with the ACHR) and a second wave of internships.

Engagement

Informing debate in public and
policy domains

Engagement

Combining the “gift of the gab” and a life-long love affair with London

By Emma Todd

“I’ve often told people throughout my career that the only two skills I can bring to the party are a low threshold of boredom and the gift of the gab,” explains Peter Rees, Professor of Places and City Planning at The Bartlett.

But with almost 30 years service at the City Corporation as CPO (Chief Planning Officer), Peter brought a great deal more with him when he joined the faculty in April 2014.

His knowledge of and passion for London are immediately apparent. He talks of his lifelong love affair with the city and marvels at how welcoming London and Londoners can be: “It’s very unusual to find a city to which anyone can belong. London’s an open club. It takes three weeks to become a Londoner – the first two weeks you’re on vacation, the third week if you say you’re a Londoner, you are a Londoner. Nobody will challenge you.”

Peter feels a responsibility to make the city a better place for Londoners, and he believes that the best way to do this is by understanding the central role of people in making places. A place is the sum of a space and people, not something constructed by architects and planners. It’s the role of the built environment professionals to create the right conditions for places to occur. “What’s more,” he adds, “it’s good to be a little humble. People usually know best and the important thing is that we use our professional skills to go with them where they’re leading us, rather than trying to create model environments into which we can shoe-horn them.”

To understand what Londoners want, Peter first looks to his students. Every Wednesday he stands in front of 50 Londoners who have an acute sense of the difficulties of daily life. Peter explains: “I think we can learn as much from our students as they can learn from us. It’s a good start, because that’s the bit of London that’s already inside the campus.

And I think we should follow them out of the campus into the surrounding city.”

Accompanying students out into London is at the heart of Peter’s pedagogical approach. In fact, his first term of teaching at The Bartlett won’t see him on campus for one lecture. Instead, his students will be popping up in marketing suites, architecture studios and planning offices around London.

Not only is this an opportunity for Peter to teach using the array of real-world examples that London has to offer, but for students to gain insight into real projects and to network with potential future employers.

This is one of the ways in which Peter aims to build bridges between London and the UCL family. Another way is through working in partnership with the media as an expert commentator. In the short time he’s been at The Bartlett he’s already been interviewed by the likes of NY Times, the BBC and Al Jazeera and the requests keep rolling in.

Whilst Peter recognises that he’s not an academic expert on all built environment disciplines, he is in a position to help translate complex concepts and developments into a language that non-expert audiences can understand.

Speaking about working with the broadcast media, Peter explains: “I always imagine a person at home with whom I’m communicating. I think it’s best to choose a favourite aunt, someone who probably doesn’t have a university degree but nevertheless is no fool, has learnt a lot about life and would know if you were being insincere. You must talk to her in a way that she can understand but without being patronising.”

Peter combines his holistic understanding of the built environment with a natural eloquence and a generous dash of humour. He likes to entertain, demonstrated by his recent foray into stand-up comedy at UCL’s

Bright Club. He also admits that, until he can make his students laugh, he’s nervous. “I can’t educate until I’ve entertained. And if I can’t capture the students’ attention through humour, then I don’t believe I’ve got enough of their attention to have connected with the subject that I want to put across to them,” he says.

When it comes to working with the media, Peter has a refreshing take on the role of the academic expert. For him, the academic’s role is to help the journalist find the missing piece of the jigsaw, and not to use them as though they were an empty vessel, waiting to be filled with information.

Peter wants to use his position to help raise awareness of the array of activities going on at The Bartlett and, in equal measure, make people at The Bartlett more aware of what is happening in the professions. Ultimately the aim is to bring the two together.

On this challenge, Peter confesses: “I knew that coming to The Bartlett would be a bit like coming into a sweet shop as a child. I knew that there would be lots of wonderfully coloured sweets in all those jars, but what I hadn’t bargained on was there being even more of it out the back of the shop, in the stock room.

“And I have to say that I haven’t even begun my trip around the shop yet. Every person I meet, and every corner I turn I find something else that’s delightful and interesting and needs connecting.”



DPU produces film series, 'Thinking across boundaries'



The Bartlett Development Planning Unit (DPU) launched the 'Thinking Across Boundaries – Planning Dilemmas in the Urban Global South' short film series in the run up to the DPU 60 conference. The films are in three parts, and were released over three days via the 'Thinking Across Boundaries' webpage.

Part one, 'Why call it the urban Global South?' asks what the term 'urban Global South' means, what processes make cities and citizens in certain parts of the world 'different', and discusses what such difference entails and how it might be treated theoretically and practically.

Part two, titled 'What kind of planning practices does it call for?' explores the possible methodologies planning practitioners can apply in the Global South, and questions their appropriateness.

In Part three, the DPU addresses the question of 'What kind of theory is required for the urban Global South?' and seeks to determine the best way to conceptualise the urban Global South from a theoretical perspective.

The project is part of the DPU's 60th anniversary celebrations. The Unit used their anniversary year to critically reflect on the dominant themes that define current development planning and practice and their own position within this field.

[Visit the film webpage](#)

PhD student's robots take over Tate Britain at night



Bartlett MArch Unit 14 graduate and current doctorate student David di Duca, in collaboration with design studio The Workers, created a unique interactive project allowing the public to explore Tate Britain at night via remote controlled robots.

The project, 'After Dark', invited people from all over the world to view Tate Britain's galleries online at night through four camera-equipped robots that roamed the gallery spaces, connecting audiences with art in the Tate BP Walk Through British Art. The robots were built with the help of RAL Space, which works with the UK Space Agency on space exploration technology.

'After Dark' was live online for five consecutive nights from 13 August and allowed the public to view the robots on their journey. A number of visitors, including Chris Hadfield, former International Space Station commander, were able to remotely control their movements. A first-person, real-time video feed and live commentary was streamed to all visitors on the 'After Dark' website.

The project is the result of the £70,000 Irene Kreitman Prize, a competition which was designed to encourage innovative digital interventions in the museum.

[Visit the Tate Britain After Dark webpage](#)

"Londoners 'priced out' of housing market", Peter Rees tells BBC News



The Bartlett School of Planning's Professor Peter Rees has spoken to BBC London political editor Tim Donovan about the high-rise residential developments in London, such as the St George Wharf Tower in Vauxhall, and their impact on the London skyline and housing market.

In the report for BBC News, Prof. Rees argued that Londoners are being priced out of the housing market by "homogenised international architecture" designed primarily to provide opportunities for overseas investors. He calls for the mayor of London to impose height restrictions on housing developments and to insist on measures to create stronger communities within them.

According to Prof. Rees, St George's Tower is indicative of architecture that is not made to scale with the surrounding buildings. Prof. Rees asks: "For what purpose? Simply to provide piles of safety deposit boxes for international investors." The investors, he says, "furnish them, lock the door, and maybe come for a vacation for two or three weeks, and most of the time they are empty. There will be no people and there will be no community."

[Watch the BBC News interview](#)

CASA's Pigeon Sim is the star of The One Show



The Bartlett Centre for Advanced Spatial Analysis' (CASA) Pigeon Sim was beamed into homes throughout the UK on Friday 22 November when CASA's Director, Andrew Hudson-Smith, took it with him to appear on BBC1's The One Show. The Pigeon Sim is a simulator programme that allows users to view a landscape as though they were flying above it.

The simulator was part of a wider segment in which The One Show aired a four-minute documentary about pigeons by ecologist Mike Dilger and biologist Adam Rogers. Viewers were treated to a live demonstration by comedian Jack Dee who dressed as a pigeon for the occasion.

Andy explained that in the next few months Pigeon Sim would be going into classrooms to be used as a teaching tool and a fun way to learn about place, space and geography.

Pigeon Sim was originally created as part of the Engineering and Physical Sciences Research Council funded exhibition project in April 2012 by CASA Researcher George MacKerron, who is now a lecturer at the University of Sussex, and has been on tour around the country at various times.

[Watch the creator use the Pigeon Sim on Vimeo](#)

Which? advisor discusses energy affordability at UCL-Energy



In a seminar given at UCL Energy Institute (UCL-Energy), Louise Strong, Senior Policy Advisor at Which? provided an overview of Which?'s policy and campaigning work to help ensure the energy retail market works in the interests of consumers.

Rising energy costs are a top financial concern for consumers. The average energy bill now stands at £1,420, and many people are dipping into savings or even going into debt to pay these bills. During the seminar, Louise invited attendees to consider the lack of transparency in energy markets and the information asymmetry that exists between the energy industry on one hand, and consumers and consumer groups on the other. She outlined recommendations from the recent Which? policy reports, in their series 'The Imbalance of Power', which seek to help overcome these information imbalances.

The seminar formed part of the fortnightly seminar series run by UCL-Energy, which is open to all.

Dr Janez Potočnik delivers UCL-ISR public lecture



Dr Janez Potočnik, Commissioner for Environment from the European Commission, spoke at the UCL Institute for Sustainable Resources (UCL-ISR) summer public lecture in June. Dr Potočnik was introduced by Dan Rogerson MP, Parliamentary Under Secretary of State for water, forestry, rural affairs and resource management and welcomed by UCL President & Provost, Professor Michael Arthur.

Dr Potočnik's lecture focused on the issue of human population growth and per-capita consumption rate underlying all of the other present drivers for global change. He argued that a resource-intensive growth model cannot be extended to the global population and that industrialised nations must change their production and consumption habits. The only exit from economic crisis, argued Dr Potočnik, is to link to the environment.

Dr Potočnik joined the European Commission in 2004, first as Shadow Commissioner for Enlargement and then as Commissioner responsible for Science and Research. In 2010 he became Commissioner for Environment and in September 2013 Commissioner Potočnik received the United Nations' 2013 Champions of the Earth Award.

CASA returns to the Bloomsbury Festival

The Bartlett Centre for Advanced Spatial Analysis (CASA) returned to the Bloomsbury Festival in October 2013, joining a host of speakers, dancers, singers and makers from UCL and the local community in celebrating the complex character of the place that UCL has called its home for over 150 years.

During the festival, Dr Martin Zaltz Austwick chaired a session on ‘Reimagining Bloomsbury’s Streets’, featuring CASA PhD student Stephan Hugel talking about their work mapping Alan Moore and Eddie Campbell’s Gothic London (inspired by the graphic novel ‘From Hell’). Artist Robert Shepherd talked about his book of Bloomsbury palimpsests, and Susan Trangmar presented her photoessay on trees in Virginia Woolf’s Bloomsbury.

The UCL Ideas Salon offered a wonderful opportunity for visitors to the festival to quiz UCL academics about their research, and start some discussions of their own. Martin Zaltz Austwick chaired separate sessions with particle physicist Jon Butterworth and statistician Sofia Olhede in discussions which raised such thorny questions as “What has CERN done that’s actually useful?” and “What problems can we solve with gut instinct?”, as visitors doodled on the Salon’s drawable tablecloths.

Visit the Bloomsbury Festival website

DPU partnership receives Lighthouse Award in Warsaw

On 20 November, the Public Private People Partnership for Climate Compatible Development (4PCCD) received the prestigious UNFCCC Lighthouse Award for its initiative to deliver low-emission, climate-resilient development in Mozambique.

Formed in 2011 by members of The Bartlett Development Planning Unit, the 4PCCD involves the everyday citizens of the sprawling city of Maputo in key decisions that affect their environment and wellbeing. “If we are going to address climate change problems in Maputo, we need to understand what citizens need,” said Carlos Seventine from Mozambique’s Environment Fund (FUNAB).

The initiative brings Mr Seventine’s organisation into partnership with local government, private businesses, a local NGO called AVSI, thousands of local residents, and development experts from the Universities of London, Reading and York in the UK.

The initiative focuses on Chamanculo C, a neighbourhood blighted by solid waste and urban sanitation problems. 4PCCD analysed the dynamics among different social groups and empowered the most vulnerable residents to contribute to planning decisions. All of the plans made for boosting urban quality of life, sanitation, and health also have benefits for the climate because improved waste management will reduce greenhouse gas emissions and help to store carbon in soils.

UCL-Energy symposium debates energy in a social context

Speakers at the UCL Energy Institute’s Social Sciences Group’s event ‘Energy, People and Society’ suggested increasing the use of robust experimental designs and collaborating between subject areas in order to improve the approach to studying energy in a social context.

More than 50 researchers working on energy in a social context across UCL came together for the first time for the symposium, at which staff and students from 14 different UCL departments presented.

Subjects of the symposium ranged from people’s perceptions of the

eco-retrofitting of heritage buildings to the social contract in provision of district heating services, but speakers generally agreed on a need to improve recognition of social diversity through greater collaboration between disciplines.

Sacha Brostoff, a research associate in the UCL Interaction Centre who attended the symposium, said: “It was really interesting, and immediately put me in touch with two useful people ... One of the difficult things I’ve experienced is keeping in touch with what’s going on – events like [this] are so helpful.”

Taking stock of gender mainstreaming in international development

The Bartlett Development Planning Unit’s (DPU) half-day colloquium, titled ‘Gender in Policy and Planning: Mainstreamed? Manipulated? Or Sidelined?’, considered the balance of genders in international development roles. The colloquium, which was co-hosted with the Bloomsbury Gender Network (BGN), marked the occasion of the DPU’s Gender Policy and Planning Programme (GPPP)’s 30th anniversary and International Women’s Day 2014.

The colloquium’s speakers introduced the audience to a range of issues, including literacy rates in South Africa, political involvement and women’s health in public/private partnerships.

The DPU’s GPPP encompasses an international programme of teaching, action research, policy advice and institutional capacity building. In its 30-year history, the GPPP has been engaged in the development of theory and methodology to develop a transformatory approach to mainstream a gender perspective in policy, planning and research. Members of the programme explore gender relations in democratic governance, with

a particular emphasis on advancing gender justice and the empowerment of women.

Primary school students attend Bartlett Young Architects workshop

In July 2014, The Bartlett School of Architecture hosted for a second time, students from Leopold Primary School, a local school in Harlesden, north-west London, for a one-day creative workshop.

Starting with a visit to The Bartlett Summer Show 2014, the group of ten and 11 year-old pupils explored and challenged their understanding of architecture and the built environment through a collective drawing exercise. Starting with their own private space at their home, expressed through the medium of a plan and a section, the children demonstrated their spatial awareness and their ability to translate their knowledge into a drawn form.

After this they were encouraged to combine their experiences and ideas in a collective drawing, expanding the individual horizon and challenging their perception of private and public spaces.

The exercise aimed to promote their own creativity, their sensibility towards the environment and to unlock a very personal approach in expressing their ideas through drawing and sketching.

Global Lab podcasts foster public engagement

In March 2014, The Bartlett Centre for Advanced Spatial Analysis announced that its podcast, The Global Lab, was expanding, with Hrish Ballal, Thomas Oleron-Evans, Ed Manley, Panos Mavros and Stephan Hugel joining the team on the interview podcast. The podcast has given participants the opportunity to reach a wider public audience with their research and

producers the chance to be trained in outreach methods. To celebrate the expansion, the team relaunched an episode from the first two years on the podcast every day in March. The Global Lab was set up by Dr Martin Zaltz Austwick and Stephen Gray in 2011 with the help of a Beacon Bursary, and has also featured Hannah Fry, and Claire Ross of UCL Centre for Digital Humanities on presenting duties

Nearly thirty interviews have included researchers from as far afield as Seattle and Manila, on topics as diverse as museums and the web, census privacy, data journalism and the social life of bats.

The Global Lab is part of a wider strategy to embed public engagement activities in research life and practice.

Listen to Global Lab on Soundcloud

DPU apply participatory design tools in Euston-focused workshop

In May, The Bartlett Development Planning Unit (DPU) and the Urban Lab supported the 5th instalment of the Architecture sans Frontières-UK Change by Design workshops, ‘Collective imaginations for contested sites in Euston’, which looked at how participatory design can be used to enhance the negotiation capacity of local groups when relating to large-scale development and regeneration initiatives in London.

Building on participatory design tools developed in previous workshops in Brazil, Kenya and Ecuador, the Change by Design team partnered with Citizens UK and diverse groups of local stakeholders to generate community designed scenarios which seek to bring about positive outcomes of the proposed High Speed Two (HS2) rail link in the Euston area for local residents.

The workshop built on research undertaken by MSc Social Development Practice students from DPU, which investigated “regeneration aspirations” of residents in the Euston area. The report has contributed towards the elaboration of an HS2 Citizen Charter spearheaded by Citizens UK members in Camden, which intends to enhance the negotiating power of community groups and push for the best possible conditions for local residents and communities in future regeneration plans for the borough.

Internationally renowned speakers at BSA’s International Lecture Series

Over the past academic year, The Bartlett School of Architecture’s (BSA) International Lecture Series has featured internationally renowned speakers, including architects, artists, designers, historians, and technologists, from around the world. Highlights for the 2013-14 academic year included performance architecture artist Alex Schweder, Chinese architect and founder of MAD architects, Ma Yansong, product designer Ross Lovegrove, art historian and Director of the FRAC Centre, Marie-Ange Brayer and American architect, educator and author, Wes Jones. The number of attendees at some lectures speaks volumes about the significance of these speakers to a contemporary audience.

The lectures are held in the evening and are open to the public. The intention of the International Lecture Series is to invite the audience to encounter different aspects of architecture, design, technology and history and theory that will be influential in the future.

BSA continues to run the series into the next academic year.

People

Leading built environment research,
teaching and practice

Three Bartlett tutors shortlisted for AJ Emerging Woman Architect of the Year



Hannah Corlett, Daisy Froud and Yeoryia Manolopoulou, all teaching at The Bartlett School of Architecture, were among eight women shortlisted for AJ's Emerging Woman Architect of the Year award.

Hannah Corlett teaches on the MArch Urban Design programme and is director of Assemblage. During the past year Assemblage has won a string of major design competitions, including the international contest for the new \$1 billion Iraqi parliament building.

Daisy Froud teaches Architectural History & Theory and is founder of AOC. During 2013, the practice completed a new build extension to St Saviour's & St Olave's Secondary School in Southwark and gained planning for housing and a community centre in Nunhead. Froud sits on two London borough design review panels and is a built environment expert for CABE.

Yeoryia Manolopoulou is Director of architectural research and teaches on MArch Unit 17. She is co-founder and partner of AY Architects. In 2013, the practice's building for Montpellier Community Nursery won the 2013 Stephen Lawrence Prize. Treasured by the local community, the building has been shortlisted for the Camden Design Award and the People's Choice Award.

Peter Morris's contribution to project management is celebrated at an informal event



Professor Peter Morris was Head of The Bartlett School of Construction and Project Management until August 2012 and is well known as a leading authority on project management. To celebrate Prof. Morris' gradual retirement, an informal event critically examining the implications, value, limitations and opportunities arising from his work was held in the Beveridge Hall of Senate House, University of London on 28 March 2014.

Leading thinkers in the field reviewed the insights stemming from Prof. Morris' research such as the conception of the discipline of the Management of Projects, as well as his work in project strategy, project history, project learning and philosophy, as summarised in the recent analysis of the discipline developed in his book 'Reconstructing Project Management'.

Prof. Morris' work covers multiple sectors, including the energy sector, ICT and general manufacturing. His human-centred approach underpins his practice in all fields. He has been honoured with several prizes, including APM's 2008 Sir Monty Finniston Lifetime Achievement Award.

Bartlett alum wins Grand Designs 'Home of the Year' award



Denizen Works, founded by Bartlett alum Murray Kerr in 2011, has won Grand Designs Home of the Year 2014 for the project, 'House no. 7', a cottage on the Hebridean Isle of Tiree.

The original property was bought by Kerr's parents, to whom he pitched his proposal to rebuild it. Kerr founded Denizen Works on the basis of this commission. 'House no. 7' was conceived as a living house, a guest house and the utility, which contains the necessary storage for wellington boots and other such effects required for island life. It is characterised by a mix of both a traditional black house, or stone cottage, and agricultural steadings integrated into the landscape. The cottage sits just 650 feet from the ocean.

Mrs Kerr – Murray's mother – had described the cottage as a "ruin", which had "a sense of peace about it."

As well as receiving the Grand Designs award, the project has also been shortlisted for both the Scottish Design Awards and a RIAS Award.

Kerr studied at The Bartlett in Unit 22 and 23 under Odile Decq and Liudmila and Vladislav Kirpichev. He graduated in 2002.

[Visit the Denizen Works website](#)

The Bartlett School of Architecture announces its new director



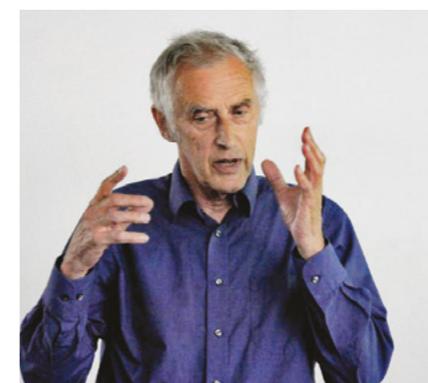
In December 2014, The Bartlett School of Architecture (BSA), announced the appointment of Professor Bob Sheil as the new director of the school.

Speaking of his appointment, Prof. Sheil said: "This is a great honour and a very exciting time to follow on from Marcos Cruz. The school is in fantastic shape, as borne out in the RIBA President's Medals results for both design and theoretical work, which reflect the air of optimism and excitement surrounding the future of our discipline and subject."

Professor Alan Penn, Dean of The Bartlett, commented: "I'm delighted that Bob has agreed to lead BSA as its new director. His knowledge of the school and the connections he has built over the years, as both a student and as part of the academic staff, will be a great asset to the school and faculty."

Bob Sheil is a professor in architecture and design through production and director of technology at BSA, where he also ran MArch Unit 23 with Emmanuel Vercautys and Kate Davis. He has been a member of staff at The Bartlett since 1995 and has taught at all levels.

Michael Edwards receives the Provost's Public Engagement Career Achievement Prize



Professor Michael Edwards of The Bartlett School of Planning (BSP) was awarded the Provost's Public Engagement Career Achievement Prize in January 2014.

Prof. Edwards was awarded the prize in recognition of his work in bringing together planning students from The Bartlett with London citizens and organisations to create meaningful dialogue around planning issues. The award also recognises Prof. Edwards' achievement in driving exceptional changes both within UCL and to the lives of people he works with in London.

This year the panel decided to award this special prize to reflect the outstanding contribution that Prof. Edwards has made to public engagement as a lecturer at BSP.

The prize was presented to Prof. Edwards by UCL Provost Professor Michael Arthur at the awards ceremony that took place on 28 January. Upon receiving the award, Prof. Edwards said: "At last I think we have found a useful kind of organisation and structure."

He spoke of being up against formidable forces, including a money-hungry market and the pressures in universities to serve governments and funding bodies in research and teaching, but also of the endless satisfaction in outwitting these forces.

Prominent social theorist to head new UCL Institute for Global Prosperity



In May, the appointment of the renowned anthropologist, Professor Henrietta Moore, was announced.

Professor Moore will head up the newly created UCL Institute for Global Prosperity, based within The Bartlett. Through fostering inter-disciplinary research, the new institute aims to uncover an alternative to the current failed model of economic growth. Researchers will take a solutions-based approach towards discovering potential sustainable lifestyles for societies across the globe. They will explore how these can be developed and maintained in the face of environmental pressures, economic crises and social conflicts. Its efforts are focused on understanding how local, national and global institutions can be transformed to promote the efficient use and sharing of our resources, technologies, knowledge and capital at all levels.

"Global prosperity is the biggest challenge of our age," said Prof. Moore. "We have unsustainable levels of inequality – causing contrasting damage in different parts of the world. It is urgent that universities address this problem in radically new ways, as they are the only ones who have the capacity and the full range of resources to do so – they need to take the lead to urgently ramp up the level of debate and action."

[Visit the UCL Institute for Global Prosperity website](#)

Alumni launch flavoured fireworks for NYE

Food art/architecture studio Bompas & Parr created the world's first flavoured firework display for London's New Year's Eve 2013. The Bartlett School of Architecture (BSA) alum Harry Parr and his creative partner Sam Bompas are known for their jelly models of London landmarks, which Parr first made while studying for a Diploma in Architecture at The Bartlett in 2008.

Visitors watching London's fireworks between Westminster Bridge and Hungerford Bridge on New Year's Eve experienced a "total sensory assault" with the different coloured fireworks matched to fruity flavours. Revellers experienced the smell and taste of clouds of apple, cherry and strawberry mist, peach snow, "floating oranges" – thousands of enormous bubbles filled with Seville orange flavoured smoke – and edible banana confetti. In an article for the Huffington Post, Bompas & Parr said that the universal appeal of fruit and its social and cultural implications felt right for the multicultural event.

The duo also spoke at The Royal Academy of Arts Sensing Spaces exhibition in an evening event titled 'Staging Sensory Experiences', about the production, consumption and trend for sensory experiences in the marketplace.

[Visit the Bompas & Parr website](#)

Professor Michael Grubb joins the UCL-ISR team

The UCL Institute for Sustainable Resources (UCL-ISR) formally welcomed Professor Michael Grubb to the ISR team in June.

Prof. Grubb joined UCL-ISR as Professor of International Energy and Climate Change Policy. As well as taking on the position in UCL, he retained his position as Senior Advisor on Sustainable Energy Policy to the UK energy

regulator Ofgem. Prof. Grubb is also editor-in-chief of the journal Climate Policy.

Prof. Grubb's former positions include Senior Research Associate at Cambridge University in the Departments of Economics and Land Economy; Chair of the international research organisation Climate Strategies; Chief Economist at The Carbon Trust; Professor of Climate Change and Energy Policy at Imperial College London; and Head of Energy and Environment at Chatham House.

On top of his professional and academic roles, Prof. Grubb has authored seven books and fifty journal research articles. He has been a lead author for several Intergovernmental Panel on Climate Change reports. His most recent book, 'Planetary Economics: Energy, Climate Change and Three Domains of Sustainable Development', was published by Routledge/Taylor and Francis in March 2014.

TPCA Chief Executive appointed Visiting Professor

Kate Henderson, Chief Executive of the Town and Country Planning Association (TCPA) was appointed as a Visiting Professor at The Bartlett School of Planning in March 2014.

Kate has been responsible for raising the profile of the association through a number of campaigns and initiatives, including the TCPA-led Garden Cities and Suburbs Expert Group, and the New Communities Group. In 2013, she co-wrote 'Planning out Poverty', exploring how planning could be more effective in dealing with social exclusion.

Commenting on the announcement, Head of School, Professor Nick Gallent, said: "Kate Henderson is a passionate advocate of the power of planning to support communities and change lives. I am sure that with

her passion for the subject, she will help us inspire the next generation of professionals to see planning, at all levels, as a positive force for change."

Kate, a UCL alumna, said: "I am looking forward to having creative, challenging and inspiring discussions with staff and students at The Bartlett about how to shape and advocate planning policies that put social justice and the environment at the heart of the debate."

C&PM students volunteer at Burgess Park Food Project

A team of enthusiastic first year undergraduate students from The Bartlett School of Construction and Project Management (C&PM) took part in a voluntary building project for the Burgess Park Food Project, an initiative that aims to get people growing locally and sustainably in north Peckham.

The team which was led by Richard Hind, Teaching Fellow in Materials and Built Asset Management, spent the day preparing the foundation for a new log cabin in Glengall Wharf Garden, a new community space at the top of Surrey Canal Walk.

The multi-use cabin acts as a classroom, a small library, an information centre, as well as shelter from the bad weather. In the weeks following the students' involvement, the cabin's foundation was built upon by other volunteers, who added a green roof, insulation, off-grid power and storage for all the essentials.

Since the students' involvement, the Burgess Park Food Project was awarded a Green Flag Community Award from Keep Britain Tidy. The Burgess Food Project organisers thanked the volunteers, whose work the project relies on.

[Visit the Burgess Park Food Project website](#)

Mario Carpo appointed as Reyner Banham Professor of Architectural History and Theory

In May, The Bartlett School of Architecture appointed Mario Carpo as inaugural Reyner Banham Professor of Architectural History and Theory.

Professor Carpo, the internationally renowned architectural historian and theorist, joined The Bartlett from Yale University where he has been the Vincent Scully Visiting Professor of Architectural History since 2010. His research and publications focus on the relationship between architectural theory, cultural history, and the history of media and information technology. His award-winning Architecture in the Age of Printing has been translated into many languages and his most recent book, 'The Alphabet and the Algorithm, a history of digital design theory', has received great critical acclaim.

This prestigious appointment honours the legacy of architectural theorist and critic Reyner Banham, who was the Chair of Architectural History at The Bartlett School of Architecture from 1964 to 1976. Banham is widely regarded as one of the most important and influential architectural historians of the twentieth century, particularly in relation to experimental design and technology, which remain core priorities for The Bartlett.

All change in the leadership at the UCL Energy Institute

In August 2014, Professor Robert Lowe took on the position of Director of the UCL Energy Institute (UCL-Energy) while Professor Neil Strachan became its Deputy Director.

Prof. Lowe and Prof. Strachan's new roles in UCL-Energy reflect the

school's leading position in energy demand and energy systems teaching and research in the UK. On top of his responsibilities to UCL-Energy, Prof. Lowe continues to run the leading Centre for Doctoral Training in Energy Demand Reduction, and Prof. Strachan continues his position as Principle Investigator of wholeSEM, the UK's major energy system research programme.

The success of UCL-Energy, and more recently the UCL Institute for Sustainable Resources, has led The Bartlett to set up The Bartlett School of Environment, Energy and Resources (BSEER) to host and support the existing Institutes as well as two new institutes: the UCL Institute for Environmental Design and Engineering and UCL Institute of Sustainable Heritage. Professor Tadj Oreszczyn, formerly Director of UCL-Energy, has been appointed as the new director of BSEER and continues to lecture as a member of academic staff.

Bartlett alumni receive awards for their coffee innovation

The Bartlett School of Architecture alumni Arthur Kay and Ben Harriman have received the €500,000 Postcode Lottery Green Challenge award for their 'bio-bean' project, which turns waste coffee grounds into biofuel. The pair patented a technique to process waste coffee grounds, discarded by coffee shops, roasters and instant coffee producers, into biodiesel and biomass pellets. The fuel will then be sold and used for heating and transport.

The project initially went up against four other startups before being awarded the prize by Dame Ellen McArthur in Amsterdam. Kay said bio-bean would use the prize money to scale up production to other locations throughout the UK and internationally, and to develop new technologies and products.

Kay came up with the idea for bio-bean while designing a closed loop waste-to-energy system for a building during his time at The Bartlett, for which he chose to design a coffee plant. He went on to win a Mayor's Low Carbon Prize for the project in 2012, and the project was awarded a £40,000 Shell Springboard award earlier this year.

[Visit the bio-bean website](#)

Remembering Professor Patrick McAuslan MBE

By Edesio Fernandes, The Bartlett Development Planning Unit Associate

Following an inspiring life fully committed to the promotion of land reform, social justice, legal education and institutional modernisation in developing and urbanising countries, Professor Patrick McAuslan passed away on Saturday 11 January, after a short illness. Through his inseparable academic and policy-making work, he left a unique legacy.

A landmark figure, he was widely recognised as a pioneer and world expert in the fields of law and development. He was the founding father of a growing and increasingly influential field of Public Law, namely, Urban Law.

For over 50 years, he also had an active policy-making career working in different capacities for several international organisations and national governments. He visited over 35 countries to carry out advisory missions, often in precarious and even dangerous conditions. His reports and proposals for new laws and policies effectively contributed to legal and institutional reform in many of those, and he was made an MBE by the British Government in recognition of his contribution.

He is survived by his wife Dorrette, daughter Fiona and a grandson.

He will be missed.

Media

In The Media

Providing expert comment on the latest built environment developments

The New York Times

London debates the virtues of high and low
New York Times
28 August 2014

Professor Peter Rees, from The Bartlett School of Planning, says that “many high-rise building projects are aimed at foreign buyers who often buy to invest and not to live in.”

BBC

North-South infrastructure divide
BBC Radio Newcastle *‘Breakfast’*
7 August 2014

Professor John Tomaney from The Bartlett School of Planning, discusses the disparity in the amount of money spent in the North-East and in London on infrastructure.

London Evening Standard

Get London’s infrastructure right
Evening Standard
4 August 2014

Tim Broyd, Professor of Built Environment Foresight, comments on the London Infrastructure Plan (LIP) 2050 report and the radical changes to planning required to deliver the LIP effectively.



Capacity Mechanism
BBC Radio 4 ‘You and Yours’
28 July 2014

Professor Michael Grubb from the UCL Institute for Sustainable Resources, discusses the government’s Capacity Mechanism and says that the likelihood of power cuts occurring is very small.

theguardian

Anti-homeless spikes are part of a wider phenomenon of ‘hostile architecture’
The Guardian
16 June 2014

Professor Iain Borden from The Bartlett School of Architecture, says the emergence of hostile architecture suggests “we are only republic citizens to the degree that we are either working or consuming goods directly”.



The trouble with miracles
The Economist
7 June 2014

UniProfessor Julio Davila from The Bartlett Development Planning Unit, comments on the transformation of Medellín, Colombia and outlines some of the steps it will need to take to ensure continuing success.

BBC

Londoners ‘priced out’ of housing market
BBC News
3 June 2014

Professor Peter Rees from The Bartlett School of Planning, says the mayor should be imposing height restrictions on developments and creating stronger communities within them.



How to make use of unloved urban spaces
The Economist
30 May 2014

Bill Hodgson from The Bartlett School of Architecture, comments on the difficulties in converting unused garages in London.



Why Underground strikes are such a nuisance
The Economist
16 May 2014

Research by Oliver O’Brien from The Bartlett Centre for Advanced Spatial Analysis demonstrates the growing number of people who use the London Underground.

BBC

The challenge of maintaining sustainable global prosperity
BBC World Service ‘Business Daily’
15 May 2014

Professor Henrietta Moore from the UCL Institute for Global Prosperity, discusses the launch of the Institute and the challenges of maintaining sustainable global prosperity.

BBC

Could offices change from sitting to standing?
BBC Radio 4 ‘Are you sitting comfortably’ and BBC News
24 April 2014

Professor Alexi Marmot, The Bartlett School of Graduate Studies, explains how office layouts can encourage constant sitting and the negative impact this can have on our health.

theguardian

Businesses need better understanding of built environment
The Guardian
14 April 2014

A Bartlett report has found that business leaders need to invest in sustainability and infrastructure in the built environment if they want to remain competitive on a global scale.



The Country Formerly Known as London
BBC Radio 4 ‘The country formerly known as London’
4 April 2014

Professor Yvonne Rydin, Professor John Tomaney and Michael Edwards from The Bartlett School of Planning, feature in ‘The Country Formerly Known as London’ - a despatch from the future, sketching out the contours of an independent London in 2030.

CHINADAILY

Housing market faces division
China Daily
12 March 2014

Professor Fulong Wu, from The Bartlett School of Planning, discusses the growing housing market division in China.



A Toilet for the 21st Century
BBC Radio 4 ‘Costing the Earth’
12 February 2014

Dr Barbara Penner, The Bartlett School of Architecture discusses ways to allow everyone access to safe, clean, environmentally friendly toilets.

theguardian

Public money, private wealth and London
The Guardian
11 February 2014

Professor John Tomaney from The Bartlett School of Planning, says that the HS2 “will turn Birmingham into a suburb of London”.

METRO

Building life from the bottom: Are underground cities the future?
Metro
23 January 2014

Professor Matthew Carmona from The Bartlett School of Planning, discusses the possibility of subterranean living.



Height and light—how schools are changing inside and out
CNBC
22 January 2014

Lighting can affect the mood of students in education and learning says Dr Efrosyni Konstantinou, from The Bartlett School of Construction & Project Management.

The Daily Telegraph

Quarter of Brits suffer ‘pavement rage’
The Daily Telegraph
29 November 2013

Professor Michael Batty from The Bartlett Centre for Advanced Spatial Analysis, comments on the issues surrounding crowded shopping environments, saying: “During busy shopping periods, the limited pavement space available is put under pressure to accommodate an increasing density of pedestrians.”



Solar lasers, ocean power and volcanoes: unusual energy sources of the future
CNN
18 November 2013

William McDowall from the UCL Energy Institute, comments on alternative energy sources, saying: “In the year 2000, most alternative energy technologies were considered niche options that might one day show promise, now they’re multi-billion dollar industries”.

The New York Times

Energy Crunch for Britain’s Poor
New York Times and Voice of Russia
12 November 2013

Professor Paul Ekins from the UCL Energy Institute, comments on how the Conservatives have changed their environmental stance. “[It’s] changed out of all recognition. There’s been a huge shift,” he said.

The Telegraph

Chinese cash and expertise could solve Nuclear puzzle
The Telegraph
18 October 2013

“If you are talking about key energy infrastructure, there’s no way that any other EU country or the US or Russia or even China itself would allow this to happen with someone who didn’t share their political views,” says Dr Paul Dorfman from the UCL Energy Institute.



Southbank skate debate: ‘The undercroft works better culturally than functionally’
Architects Journal
30 September 2013

As skateboarders lose their battle to win ‘village green’ status for Southbank’s undercroft, Professor Iain Borden from The Bartlett School of Architecture, discusses its future.

TheObserver

Housing boom brings year of the £40k brickie
The Observer
24 September 2013

John Kelsey from The Bartlett School of Construction and Project Management, comments on labour shortages in the construction industry, saying that the UK has previously depended on importing labour and no longer has an efficient system for training apprentices.



The Bartlett

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