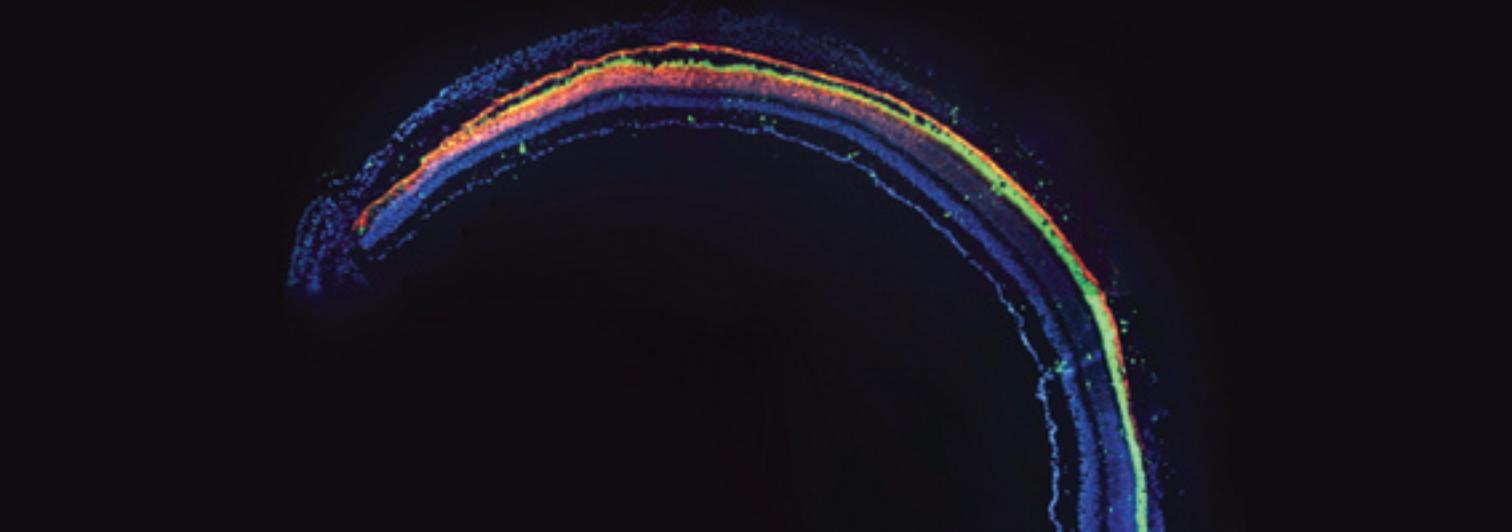




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UCL – London’s Global University

We are

- a world-class centre of research and teaching, dedicated to developing and disseminating original knowledge to benefit the world of the future.

We believe

- in engaging fully with the world around us
- in breaking new ground through challenging convention
- in progress through partnership.

We value

- creativity and innovation
- independent thought
- integrity
- energy
- perseverance.

We are committed

- to the pursuit of excellence and sustainability
- to maintaining rich academic diversity embracing the Arts and Sciences
- to equality of opportunity and fulfilment of potential for all our staff and students.

We strive always

- to lead
- to inspire
- to achieve.

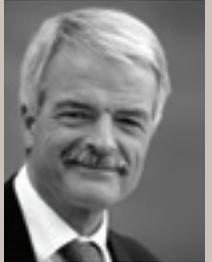
Welcome to UCL’s annual review for 2009, which offers a flavour of what we have achieved over the past year, and of our aspirations for the year to come.

The past year has once again seen a continuing stream of fine achievements on the part of students and staff.

Yet it has been a challenging period for UCL in many respects. We have felt already the impact of the global recession and know that we face a challenging economic future.

In response to concerns about the employment prospects of last year’s graduating class, we launched a unique support package. We wanted to encourage new graduates to extend their learning and enhance their qualifications, so we offered a significant fees reduction on our taught masters courses, and the opportunity to spend 8–12 weeks on fully funded internships with local businesses. We also ran a series of Entrepreneurship Boot Camps for them which proved overwhelmingly popular.

On a broader front, we offered support to the London economy by engaging with business and the public and voluntary sectors, tackling problems through the application of discoveries in science and through commercialising innovation in engineering, healthcare and technology. We enjoy strong relationships with London’s other global institutions, from the City to the museums and galleries, research institutes, hospitals, Whitehall and Westminster. We are wholly open for business through partnership and collaboration.



This approach is reflected in our ambitions as London’s Global University. We have entered into new models of global teaching and research through founding overseas institutes and collaborations, including the innovative new partnership with Yale University and our respective partner hospitals.

A word about league tables. UCL’s progress in the Times Higher-QS world university rankings has been widely described as meteoric. Our stock has risen from place 34 five years ago, by significant margins every year, until October 2009, when we were declared to be in fourth place, overtaking both Oxford and Imperial. We do not, of course, claim that the methodology is rigorous, but this result nonetheless captures very accurately the enormous strength of this great institution.

With intense pressure on public funding, the coming years will be challenging for universities. I want UCL to be able to look back and say that we were the university who responded best. It is with this in mind that we are embarking in 2010 upon a process intended to define UCL’s course over the coming years. Structured around the four key concepts of sustainability, impact, student experience and internationality, our strategy will set out the values and processes required to meet future challenges. The underpinning principle will always be excellence, and of that you will find many examples in this annual report.

Professor Malcolm Grant
UCL President and Provost



Cross-disciplinary collaboration was a central feature of major developments in UCL's research in 2009.

The excellence of our 4,000 individual researchers – evident in the 2008 Research Assessment Exercise – is key to everything that UCL accomplishes. Recruiting and retaining the best minds remains our university's central concern.

Yet it is what these minds can do together – working across and beyond conventional boundaries – that makes UCL's potential impact on the world's major problems extraordinary.

The formal launch in 2009 of several significant research groups reflected this approach to collaboration; they included the UCL Institute of Origins, the UCL Centre for Stem Cells & Regenerative Medicine, the UCL Energy Institute, the UCL Institute for Human Rights, the UCL Genetics Institute and the UCL Urban Laboratory.

UCL 'Town Meetings' prepared the way for further thematic collaboration, this year on digital humanities, infectious diseases, developmental cognitive neuroscience, risk and disaster reduction, and Europe.

Land in Mumbai is a valuable commodity

Image: Mr William Hunter (UCL Bartlett Development Planning Unit)

The second of UCL's Grand Challenges, that of Sustainable Cities, was formally launched to mark the university's commitment to deploying the breadth of its expertise – in imaginative, interdisciplinary collaborations and partnerships with policymakers and practitioners – to make our cities fit for purpose.

External alliances focused on health also thrived, with a new partnership between UCL and Yale University, and ongoing progress with UCL Partners, bringing the university together with four of its teaching hospitals, and the UK Centre for Medical Research & Innovation, a collaboration between UCL, Cancer Research UK, the Medical Research Council and the Wellcome Trust.



Professor David Price
UCL Vice-Provost (Research)

Focus on: UCL Grand Challenges

UCL's second Grand Challenge, that of Sustainable Cities, was formally launched in July. The UCL Grand Challenges programme provides time, space and support to allow our talented researchers to interact and collaborate across and beyond specific academic disciplines, because together they can have an impact exponentially greater than that which they can achieve alone.



Intercultural Interaction and Human Wellbeing

Work on UCL's Grand Challenges of Intercultural Interaction and of Human Wellbeing began in 2009, with the aims of creating new modes of collaboration across disciplines at UCL and developing partnerships with institutions and organisations from the public, private and third sector. Building on these approaches, the programmes sought to enhance the impact of UCL's research, to influence intellectual debate, shape policy development and engage the wider public.

The Grand Challenge of Intercultural Interaction examines the causes and features of social and cultural diversity, assesses their implications and devises novel strategies to address them. It works to mobilise expertise on the complexity of relations between individuals and groups from different ethnic, religious and linguistic backgrounds and heritage, between states, regions and civil societies, and between intellectual and artistic traditions and developments.

The Grand Challenge of Human Wellbeing considers both the nature of being human and the nature of wellbeing. It encompasses: how to achieve lifelong wellbeing for individuals and for society, including physical, mental, social and environmental wellbeing; how to achieve wellbeing in the context of different social and economic goals and priorities; and topics relating to happiness, cultural wellbeing, health and social justice.

Sustainable Cities

Hundreds of invited guests – including policymakers and practitioners from government bodies and non-governmental organisations, architectural practices and engineering firms – were welcomed by UCL President and Provost Professor Malcolm Grant for the launch of Sustainable Cities, a response to the rapid expansion of urban areas that will see some 80 per cent of humanity living in cities by the end of the century. This rapid



Brooklyn, New York

Image: Mr Daniel Fitzpatrick (UCL Bartlett School of Planning)

growth will further stress the urban environment, posing significant problems in areas such as food security, energy, water, waste, transport, economy, trade, manufacture, wealth creation and quality of life – problems UCL is poised to address.

Other initiatives in the Sustainable Cities inaugural year included: Franny Armstrong (UCL Zoology 1994), director of *The Age of Stupid*, participating in an expert panel discussion following the film's screening; an examination of the legacy of the London Olympics called *Growing a New Piece of City: Designing a Legacy for 21st Century London*; a one-day symposium on *Just Enough: Sufficiency and the Cultural Imagination*; and the start of major research projects on Cities and Migration, Cities and Water, Healthy Cities and London's long-term future.

Global Health

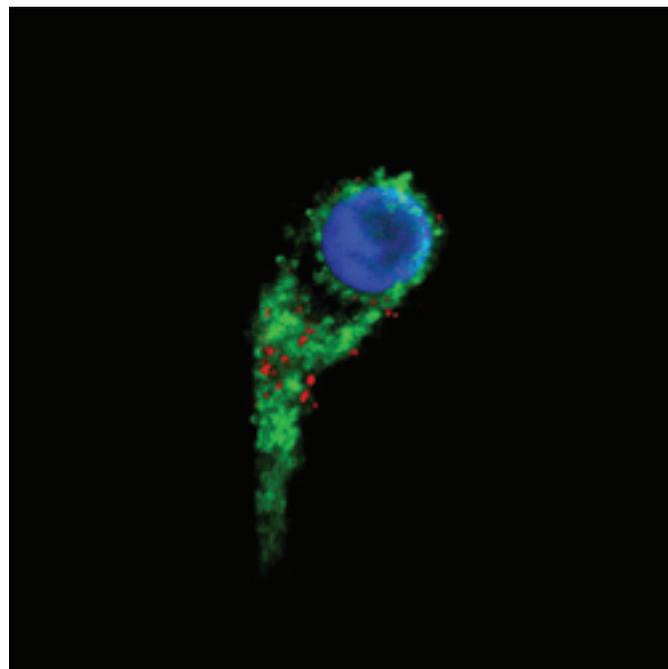
A major report by *The Lancet* and UCL warned that climate change is the biggest global-health threat of the 21st century. *Managing the Health Effects of Climate Change* was the work of UCL academics from many disciplines across the university – including health, anthropology, geography, engineering, economics, law and philosophy.

Shortly after the publication, UCL was represented at the Commonwealth Health Ministers Meeting on Health & Climate Change and the World Health Assembly meeting, which sets priorities for the World Health Organization. Six briefing papers on managing the health effects of climate change, commissioned from UCL by the Commonwealth Secretariat, were also published.

UCL's Grand Challenge of Global Health continued its series of interdisciplinary symposia, this year including sessions on global finance, adolescent health, forgotten child health issues, social determinants of health and population growth.

£5 million for nanotechnology healthcare research

UCL won four grants worth a total of just over £5 million from the Engineering and Physical Sciences Research Council (EPSRC) to support research into large-scale integrated projects that exploit nanotechnology for healthcare purposes. The projects will focus on using nanotechnologies – systems that function at the level of molecules – to advance knowledge and treatment of cancer, dementia and HIV. Projects include the investigation of novel high-efficiency targeting agents that can treat locally metastatic cancers (cancers that spread out from a primary site in the body), the targeted delivery of novel therapies for Alzheimer’s disease, research into portable, non-invasive imaging methods to detect colon cancer biomarkers, and UCL’s role in a world-leading consortium to engineer and commercialise the next generation of multi-marker HIV smart chips, which will rapidly diagnose and monitor HIV in resource-limited environments such as district hospitals, GP surgeries and developing countries.



Microscopic image of a human cell loaded with nano-magnets (in red)

Image: Dr Manfred Junemann-Ramirez (Centre for Cardiovascular Biology and Medicine, UCL Division of Medicine) and Mr Panagiotis Kyrtatos (Centre for Advanced Biomedical Imaging, UCL Division of Medicine and Institute of Child Health)

Ninth EPSRC Centre for Doctoral Training

A new Centre for Doctoral Training (CDT) in Energy Demand Reduction & the Built Environment – a collaboration between the UCL Energy Institute and Loughborough University – has been funded by the Engineering & Physical Sciences Research Council (EPSRC). The centre will receive £5.8 million over the next eight years to support 40 students through a doctorate programme in energy-demand reduction in buildings. A further 40 students will be supported from the partner universities’ own funds. The strategic aim is to educate the next generation of highly skilled and broadly based energy researchers to lead and support the complex, multidisciplinary task of driving down energy demand and CO₂ emissions from the UK building stock.

Ten industry-linked awards from MRC

UCL has received funding for ten new awards from the Medical Research Council (MRC), which aim to strengthen research training links between academia and industry and to meet the UK’s need for health research skills. UCL has been awarded eight industrial CASE PhD studentships with seven different industrial partners, the highest number received by any UK institution. The awards aim to support the provision of multidisciplinary research training between industry and academia that will enhance the student experience and provide a range of skills to strengthen the research workforce. All those who take up a studentship will be based at UCL but will also spend part of their time with the company. The industry placement is expected to include business-related training for the student in areas such as project

management or business strategy. UCL also received two awards in the MRC Capacity Building Studentship Scheme, which funds targeted PhD courses to help UK research organisations make a significant impact on unmet national needs for advanced biomedical and health research skills.

UCL excellence recognised by AHRC

The Arts & Humanities Research Council (AHRC), awarded UCL with funding for 447 research posts over the next five years as part of new Block Grant Partnership (BGP) Scheme. The AHRC confirmed that UCL was “one of the most successful” of the 48 institutions to receive BGP funding, winning 81 per cent of posts submitted. The UCL allocation will fund 176 PhD and 271 MA awards.



British Slave Ownership Study

Image: Library of Congress

£5.8m grant to improve interactive medical devices

A team from the UCL Interaction Centre (UCLIC) has been awarded a £5.8m grant from the EPSRC. CHI+MED (Computer-Human Interaction for Medical Devices) is improving devices that are designed to be used by people without extensive technical training, such as infusion devices, glucometers and vital signs monitors. The CHI+MED team involves investigators from Swansea University, City University, the Royal Free Hospital, the Singleton Hospital and Queen Mary College, University of London. Medical errors in the UK are estimated to kill or seriously injure 74,000 a year. Many of these involve mistakes using interactive medical devices, so the ease of use and reliability of such devices is critical. The project will work with those who design, purchase, deploy and use devices, to

deliver improvements in the design and selection of devices and training users. It will both save lives and improve the standard of living, particularly of those with long-term illnesses.

UCL British slave ownership study

A major investigation into Britain’s debt to slavery revealed founders of banking dynasties who benefited from slavery. The three-year UCL project, *Legacies of British Slave Ownership* sponsored by the Economic and Social Research Council (ESRC), built a systematic analysis of the economic, commercial, political, cultural, social and physical legacies of slave ownership. The study sought to highlight the major companies, art collections and institutions that can trace their existence back to colonial slavery in the 19th century.

Implementation of open access policy to all research

UCL announced the establishment of a UCL Publications Board to implement the university’s open access policy and be responsible for ensuring that, subject to copyright permissions, all UCL research is placed online in the university’s institutional repository, freely accessible to all. This move places UCL at the forefront of academic institutions who are pioneering the move to Open Access, as the first European university ranked in the global top ten in the THE-QS world university rankings to do so. Open access is a new form of dissemination for published books, articles, conference proceedings and digital outputs.

First preconception baby tested for genetic breast cancer

The first baby tested preconceptionally in the UK for a genetic form of breast cancer (BRCA1) has been born. Women who carry this genetic variation have an 80 per cent chance of developing breast cancer and a 60 per cent chance of developing ovarian cancer during their lifetime. Preimplantation Genetic Diagnosis (PGD) provides information regarding the genetic status of the embryo, to be known prior to conception. It has the added advantage of avoiding the potential dilemma and physical and emotional trauma of undergoing a termination of an affected pregnancy. The Assisted Conception Unit and the PGD group at the UCL Institute for Women’s Health have pioneered and successfully applied this technology for avoiding transmission of cancer predispositions in a whole host of cancers.

Computer scientists on ‘database state’ failure

Researchers from UCL Computer Science contributed to a study, entitled *Database State*, that reveals that a quarter of all public sector databases are flawed. According to the report, published by



Carson, Los Angeles
Image: Professor Matthew Gandy (UCL Geography)

Focus on: climate change

The past year saw UCL focus many of its intellectual resources on climate change and its growing impact on global health, particularly the publication of the *Managing the Health Effects of Climate Change* report (see focus on UCL Grand Challenges p.3).

UCL's Centre for Sustainable Heritage was rewarded for its key role in a project to map and model the likely impact of a changing climate on Europe's cultural heritage. The Noah's Ark project won a Europa Nostra Award, which recognises outstanding research on the impact of global climate change on the built heritage and cultural landscapes. The project examines the processes of change in building materials and ensembles, and the indoor environments of historic buildings that often house irreplaceable fixtures, fittings, furniture and decorative art.

The UCL Energy Institute, launched in June, was set up to coordinate and stimulate research on energy and carbon-emissions reductions across the university by building multidisciplinary teams and supporting ambitious projects. The institute, which seeks to draw up a working blueprint for a

low-carbon world, plays a leading role in advising government and industry, and its research embraces everything from legal frameworks for carbon capture to modelling demand for transporting people and goods. The following month, UCL formally launched Sustainable Cities, the second of its four Grand Challenges (see focus on UCL Grand Challenges).

As if to underline this commitment, a major UCL-led programme was subsequently shortlisted for an award recognising an 'outstanding contribution to sustainable development'. The Times Higher Education (THE) Awards 2009 acknowledged the impact of UrbanBuzz, UCL's flagship two-year knowledge exchange programme that brought together experts from the private, academic and public sectors to develop new approaches to the challenge of creating sustainable communities.

Staff at the UCL Environment Institute became their own objects of study as they calculated the carbon footprint of their work-related travel as part of an ongoing attempt to reduce the institute's impact on the environment.

the Joseph Rowntree Reform Trust, only 15 per cent of major public sector databases are effective, proportionate and necessary. The report recommends new measures to promote scrutiny and transparency of all IT projects; radical initiatives to select and train civil servants to handle complex systems; and changes to public-sector procurement rules to favour more medium-sized systems over very large projects.

UKCMRI strategy and design revealed

Further details of the UK Centre for Medical Research and Innovation (UKCMRI) were revealed at a press conference in December. A partnership between UCL, Cancer Research UK, the Medical Research Council and the Wellcome Trust, its aim is to develop understanding of and treatments for illnesses such as cancers, heart disease, infections and stroke. The architectural plans for the site near St Pancras were unveiled along with the scientific vision and research strategy of the centre. The vision summarises how the centre will use interdisciplinary and innovative approaches to reveal the basic biology of human health, necessary to attack the causes of disease.

Magnetricity observed and measured for the first time

A magnetic charge can behave and interact just like an electric charge in some materials, according to new research led by the London Centre for Nanotechnology (LCN). The findings could lead to a reassessment of current magnetism theories, as well as significant technological advances. The study, published in *Nature*, proves the existence of atom-sized 'magnetic charges' that behave and interact just like electric charges. It also demonstrates a perfect symmetry between electricity and magnetism – a phenomenon dubbed 'magnetricity' by the authors.

Ovarian cancer screening tests

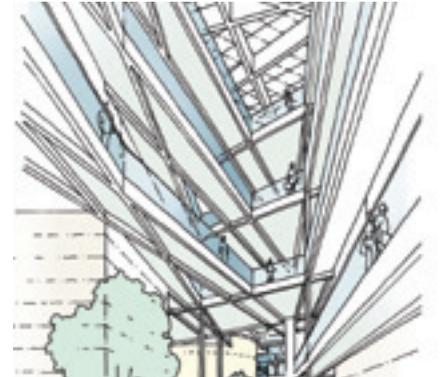
Preliminary results of a UCL-led investigation suggest that testing women for ovarian cancers may become a reality. Following the largest randomised trial of ovarian cancer screening to date, Professor Ian Jacobs (Dean of UCL Health Sciences Research and Director of the UCL Institute for Women's Health), and Dr Usha Menon (Head of the UCL Gynaecological Cancer Research Centre), published their findings in *The Lancet Oncology*. The report indicates that two tests – a multimodal one involving a combined blood test and ultrasound, and a transvaginal ultrasound – are feasible on a large scale and capable of detecting early stage ovarian cancers.

New centre for sustainable transport

The ESRC, the Department for Transport and the Scottish Government announced the creation of a new centre – the UK Transport Research Centre (UKTRC) – which will help to revolutionise research and knowledge transfer in transport and the social sciences, and in which UCL is a key partner. The centre will initially fund research into key policy areas including productivity and competitiveness, impacts of non-transport technologies, travel governance of climate change, and to provide direct research support to the Department for Transport.

UCLP announces academic strategy

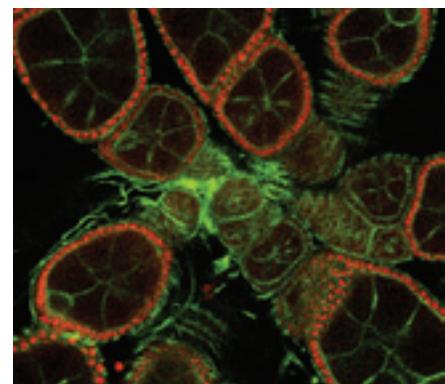
In November 2009, the Board of UCL Partners (UCLP) – an alliance between UCL and its associated teaching hospitals – approved the new academic strategy for the partnership. The strategy is underpinned by the key principles of academic excellence, a focus on translation, genuine engagement, promotion of innovation, national and global impact, optimal training environments for clinical and clinician scientists, and integration with the Health Innovation and Education Clusters.



UKCMRI interior



London Underground



Drosophila ovaries
Image: Miss Emily Richardson (MRC Laboratory for Molecular Cell Biology)



At UCL, we want our students to be global citizens; students who understand the context of what they are studying.

For us, developing global citizenship is more than simply developing a series of attributes in our students: it is the creation of a new kind of student who understands that they are always going to be working in a global as well as a local context. We want our students to be critical but also creative in their thinking, and this can only happen by looking beyond our own frames of reference.

Putting global citizenship into practice means that all our departments are internationalising their curriculum. We can't simply pepper our lectures and seminars with examples from other countries; we need to explore and come fully to understand and then learn from different methodologies from across the world. It is vital that we use these and other, different perspectives to inform our programmes and our teaching styles, in order to ensure that we provide a range of learning and assessment methods that are not only rigorous academically but also culturally relevant.

A small public library supported by UCL Library Services opening in India this year

Our sponsorship of the Camden Academy, whilst local to our London campus, will see 14 - 19 year olds involved in international partnerships, so that they are aware of, for example, how to work across time zones or how the religious obligations affect in very practical ways how a schools or businesses are run in other countries. We have also created a new kind of Masters degree in our new campus in Adelaide in Australia, where students will spend the whole of their second year working in a company on a research project determined by industry and thereby gaining sustained work experience. Ultimately, our aim is to create a triangulation across all our global campuses between government, UCL and business and industry.



Professor Michael Worton
UCL Vice-Provost (Academic & International)



The Dharavi Slum, Mumbai
Image: Mr George Carothers (UCL Bartlett School of Planning)

Focus on: WHO impact

At our World Health Organization (WHO) meeting, health ministers from 192 countries agreed on a landmark resolution to reduce health inequalities, in response to the findings of the Commission on Social Determinants of Health (CSDH), chaired by Professor Sir Michael Marmot (UCL Epidemiology & Public Health). Social determinants of health are the conditions in which people live, including the health system. They are shaped by the distribution of money, power and resources at global and local levels. These determinants are responsible for the unfair and avoidable differences in health status.

Following the publication of the UCL-Lancet Commission on Managing the Health Effects of Climate Change report, UCL was represented at the Commonwealth Health Ministers Meeting on Health & Climate Change and the World Health Assembly meeting – which sets priorities for the WHO – in May 2009.

Dr Mary Phillips, UCL Director of Research Planning, attended the meetings in Geneva, Switzerland. The Commonwealth Health Ministers were also presented with a series of briefing papers commissioned from UCL, which summarised the report's findings.

Filling funding gap for overseas research students

UCL introduced a £1.3 million annual overseas research student scholarship award scheme to replace a national scheme being phased out by the national funding body HEFCE. UCL is the first UK university to launch an equivalent scheme of its own to ensure that the most talented international postgraduate students continue to receive funding to come to the university to study. The UCL Overseas Research Scholarships (UCL-ORS) will offer funding to successful applicants from around the world outside the EU. The only criteria will be the academic excellence and the research potential of each applicant. The scheme will be phased in over three years, starting in 2009/10, and will maintain funding at the levels currently set in the national scheme, ORSAS.

Long-term impact of detention centres

A report conducted by the Migration Research Unit at UCL and the Zimbabwe Association showed that the impact of detention is enduring – even if the period in custody is relatively short. The majority of detainees interviewed experienced acute short-term distress – including deterioration in mental and physical health, and difficulties in re-adjusting to life in the community. The longer-term effects were worse among ex-detainees who remain in limbo in the UK. They described feeling depressed and anxious, and some said they had felt suicidal. Although those who had since been recognised as refugees were faring better, they tended to have a great sense of being victims of injustice – a feeling that was not eradicated by subsequent acceptance of asylum claims and being granted British citizenship.

Improving maternity care in Africa

Improving health facilities and access to drugs could mean 60,000 fewer maternal deaths in Africa per year from post-partum bleeding and sepsis, according to a study by Dr Christina Pagel (UCL Clinical Operational Research Unit), Professor Anthony Costello (UCL Institute of Child Health) and colleagues. Maternal mortality ratios have changed little since 1990 and progress towards Millennium Development Goal 5 – to improve maternal health – is far off track in sub-Saharan Africa: the maternal mortality rate has fallen by only 16 deaths per 100,000 since 1990. Having developed three intervention packages and a mathematical model, the researchers estimated that the packages could prevent between seven per cent and 36 per cent of deaths.



Europeana Travel project

European travel cultural heritage portal
Books, maps and manuscripts from the UCL School of Slavonic and East European Studies (SSEES) that date back nearly 500 years will reach a global audience on a new cultural heritage portal giving access to digital content on the themes of travel, tourism, trade routes and exploration from Europe's leading libraries. Under the auspices of EuropeanaTravel – a two-year digitisation project funded by the European Union – SSEES will contribute around 160,000 pages from 300 books and other works to Europeana.eu, providing comprehensive coverage of travel writing relating to Central, Eastern and Southern Europe, and Russia from 1557–1860.

The authenticity of Hawaiian feasting
Dr Kaori O'Connor (UCL Anthropology) has won the international 2009 Sophie Coe Prize in Food History for her paper 'The Hawaiian Luau: Food As Tradition, Transgression, Transformation and Travel'. In the paper, described as "a superb piece of scholarship" by the judges and published in the journal *Food, Culture & Society*, Dr O'Connor lays bare the religious, social and political history of the feast to explain why its present-day pineapple-and-pork image is a far cry from the original ritual.

UCL archaeologist returns to Somaliland
Sada Mire, a PhD student at the UCL Institute of Archaeology, returned to her native Somaliland to investigate cultural landscapes. She is the first British-based researcher to work in Somaliland for 28 years – and the only Somali archaeologist anywhere in the world. The government in Somaliland have expressed their support for her project, which is the first indigenous archaeology project to take place there. The project will focus on the cultural uses of the landscape, and will include an archaeological survey of significant sites.

UCL SERAus enrolment begins
UCL's School of Energy and Resources in Australia (UCL SERAus), the university's first overseas campus, opened enrolment for its pioneering executive education courses, which started in August 2009. The school offers four executive education streams – short, intensive courses, suitable for middle managers working in or providing services to the energy and resources industry who are looking to advance their careers.

Each course is led by a UCL academic and explores real world issues, advancements and concepts related to the energy and resources sector. In addition, each course features two high profile guest speakers – one with international expertise and the other with a specialist focus from within Australia. This structure brings together staff and guest speakers with extensive global connections and other like-minded sector professionals, providing outstanding networking opportunities.

UCL SERAus is the outcome of a partnership agreement between UCL, the Government of South Australia, and Santos Limited, one of Australia's largest energy companies. It aims to provide a range of programmes to address areas of skill shortage identified by industry and government, and to provide scientists and engineers with management skills through courses designed specifically for the energy sector.



Rock painting, Somaliland



Every year is marked by moments. At UCL, the most memorable are those where we discover more about ourselves, the world and our place within it. For learning and teaching, these moments are our *raison d'être* because they inspire us to do things differently, to think differently, even to live differently. An inspiring person or moment takes us forward into our lives and remains with us. It may be a tutor, a seminar, a discovery, someone or something that shapes our thinking and changes the way we see the world.

For me, it was my modern French theatre tutor at Edinburgh University: he was enthusiastic, energetic and completely passionate about a subject that he wanted us to understand by doing it and not simply by reading about it. It was partly because of him that I later trained in acting and mime and theatre direction

in France; he made me understand the spoken and the written word as two very different experiences. But beyond that, he also taught me to think about 'the Other', and this is perhaps one of the most important issues for learning and teaching in a 21st century world. In every learning encounter, people are coming from different backgrounds, offering a rich diversity of experience that can inform and enhance our own.



Professor Michael Worton
UCL Vice-Provost (Academic & International)



Pi Magazine

Pi listed for Guardian Student Media Awards

Pi Magazine, written and published by UCL students, was a runner-up for 'Magazine of the Year' in the prestigious Guardian Student Media Awards. The magazine is dedicated to student culture and regularly features high-profile interviews. UCL student magazine *Cheese Grater* was shortlisted in the same category in 2007. The awards seek out the best student writers, designers, broadcasters, editors and photographers. The magazine category recognises "an intelligent mix: accurate targeting of the student and local readership; strong ideas; high-quality writing; thoughtful packaging of articles; clear and confident presentation, design, and 'selling' of contents."

PhD student investigating giant underwater volcano

A PhD student from UCL Earth Sciences joined an expedition to investigate a giant underwater volcano in the Pacific Ocean. Kate Littler spent two months aboard the JOIDES (Joint Oceanographic Institutions for Deep Earth Sampling) Resolution as shipboard sedimentologist. The Integrated Ocean Drilling Program (IODP) explores Earth's history and structure recorded in seafloor sediments and rocks. The aim of the expedition was to drill and recover igneous rocks from the Shatsky Rise, which erupted in the ancient Pacific about 200 million years ago, and to investigate how this huge structure was first formed. Ms Littler helped to describe and interpret the layers of marine sedimentary rock that cover the plateau.

Scholarship awards

In December, UCL's newest scholarship recipients were presented with their award certificates at the annual Scholarship Awards Ceremony. The event was attended by the 145 winners and their guests; Ambassadors, High Commissioners and other senior diplomats from some of the 46 countries represented by the scholars; and representatives of some of the funding organisations, including Abbey, the Karim Rida Said Foundation and the Ernest Hecht Charitable Foundation.

UCL degree taster for students by students

30 A-level students had a sample of English studies at degree level at a three-day summer school in July. Students were recruited from eight different institutions, most of which were from sectors currently under-represented in the study of English literature. Organised by research students at UCL English, the summer school covered specific eras in English literary history from the Anglo-Saxon period to the present day, and included film screenings and field trips to places of literary or historical significance including the British Museum.

Global Citizenship Lectures

UCL hosted three lectures in association with the Commonwealth Secretariat, designed to explore key issues around the concept of global citizenship, focusing particularly on areas relevant to UCL's research and teaching agendas and to the international activities of the secretariat. Guest speakers included Ransford Smith, Commonwealth Deputy Secretary General, Professor Ngaire Woods, Director, Economic Governance Programme, University of Oxford, and Nobel Laureate Professor Amartya Sen, who gave a stimulating and challenging lecture which explored ideas around 'organised violence' (war, genocide, terrorism) and violence against the individual.

Shaping the curriculum for a global university

UCL held a one-day colloquium on 'Shaping the curriculum for a global university' on 23 June, bringing together colleagues from across the UCL community to explore how departments are developing curricula that are international in scope and which embody UCL's global citizenship principles. Internationalisation of the curriculum is an important strategic objective for UCL, and a key element of the Global Citizenship agenda.

UCL student nominated for Black Achievement Award

Oluwatosin Taiwo, a UCL Human Genetics graduate, was a nominee at the 2009 Black Academic Achievement Awards. During her degree Oluwatosin worked as a part-time laboratory assistant, helped with new student inductions and mentored first-year students. She was also on the Dean's list for outstanding achievement in recognition of the high grades she gained throughout her degree. Diane Abbott MP established the awards in 2006 to celebrate high-achieving black students.

Student ambassador visits Kuwait

Jack Davies, a 2nd Year LLB student in UCL Laws, was among six British students who travelled to Kuwait as guests of Kuwait University in December, as part of an initiative of the university to improve its relations with selected UK universities. During his packed schedule, Jack experienced tastes of Kuwaiti culture, industry, charity organisations, and education with enough time to even attend a traditional wedding.

National Student Entrepreneurship success

Undergraduates from UCL Management Science & Innovation received the second prize in an entrepreneurship challenge at an event organised by e-skills UK and leading software provider CA UK & Ireland. Kerry Benford, Lauren Garcia, and Sarah Mazuch delivered a presentation on how IT can be exploited in the current economic climate, before fielding questions from company professionals. In addition to the team prize, Kerry came second out of 100 students in a competition to win a day shadowing the senior vice-president of CA UK & Ireland.

Teaching, Learning and Assessment public forum

UCL's teaching, learning and assessment strategy for the next six years was discussed at a public forum organised by Professor Michael Worton, UCL Vice-Provost (Academic & International) in February. The meeting pulled together recent teaching and learning activity and invited staff involvement in the development of the strategic priorities for teaching and learning across UCL in the medium term.

Graduate support package

UCL invested £500,000 in a radical set of measures to support students facing the prospect of graduating into a difficult employment market during the economic

downturn. UCL offered its graduating students a £1,000 discount on tuition fees for masters programmes, a week-long summer 'boot camp' in entrepreneurship to teach graduates the basics of starting up a business, reading balance sheets and producing a solid business plan, a raft of new graduate programmes in management, enterprise and the commercialisation of science and technology, an increase in the number of graduates on internships with UCL departments, spin-out companies and corporate partners, and additional investment in UCL's Careers Service to ensure graduates have access to professional careers support for at least one year following graduation.

Work experience praise from students and businesses

A perfect partnership – that was the verdict of companies that hosted UCL students on work experience during summer 2009. Companies ranging from start-ups to multinationals signed up for the innovative scheme, which involved hosting one or more students for six to eight weeks. All the placements represented real opportunities to gain training and experience while earning a stipend of £200 a week from the university. More than 50 students from a range of different academic disciplines secured placements through the scheme, which was organised by UCL Advances.

Provost's Teaching Awards

11 UCL staff members were recognised for their outstanding contribution to excellence and innovation in teaching at the Provost's Teaching Awards. Now in their third year, the awards celebrate leadership in teaching and learning across UCL's eight faculties, and demonstrate our commitment to the promotion of research-led teaching. The awards have four categories: beginning of career, experienced academic staff, postgraduate teaching assistants and supporting learning.



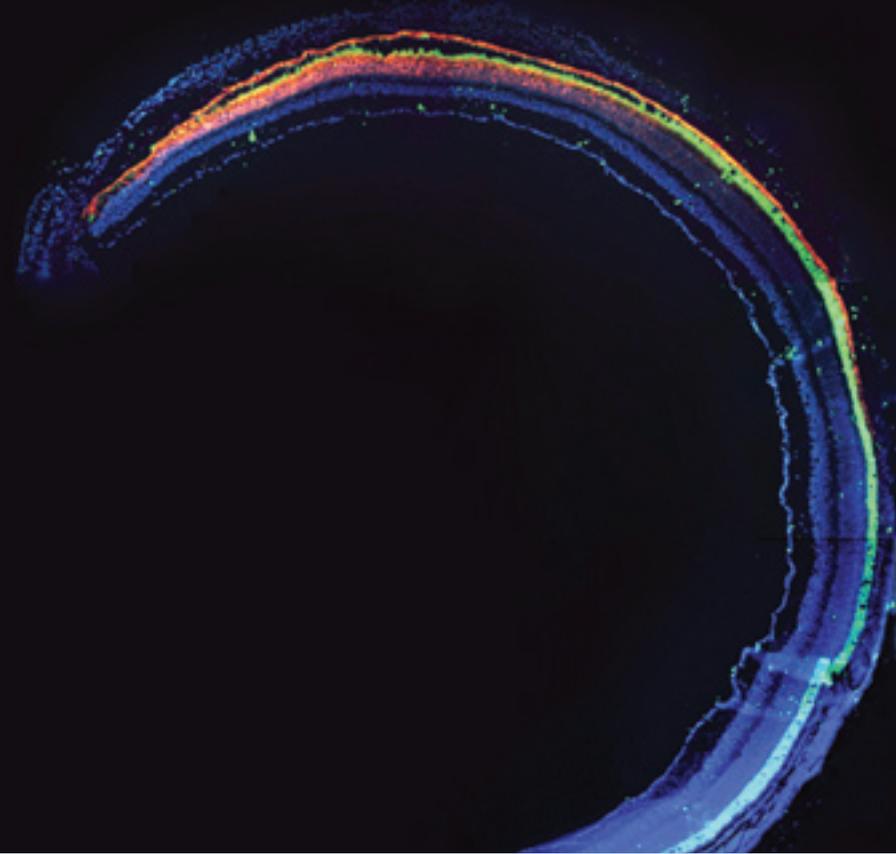
Jack Davies, UCL student ambassador



Students from the Study China programme

Study China

Five UCL students spent three weeks in the Far East as part of Study China, a UK government-funded programme that gives students an opportunity to learn about the country's language and culture. The students flew out to one of two host institutions, Shandong University in Shandong Province and Nanjing University in Jiangsu Province. Their varied itinerary included a visit to the Peking Opera, Mandarin lessons, lectures, and classes in Chinese art forms such as Tai chi, calligraphy, painting, and martial arts.

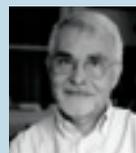


Section of a murine eye with nuclei of retinal cells stained blue
Image: Dr Anastasios Georgiadis (UCL Institute of Ophthalmology)

The best moment of 2009 for me was putting pen to paper to sign up to a three-year strategic alliance with GlaxoSmithKline at the UCL Institute of Ophthalmology (IoO). That moment saw three or four years' hard work at the IoO come together.

It was especially poignant for me because it reflected a general shift over the year towards deeper and longer-term relationships with pharmaceutical partners – including Pfizer – on the London Project to Cure Blindness. These strategic alliances are resulting in comprehensive collaborations between UCL scientists and business people, with many benefits to UCL.

I am delighted that Enterprise has been able to develop in this way during a recession, and what is more, we've harnessed the power of UCL Advances this year to support our graduates with a recession-busting package worth £2.5 million, which has delivered significant training to our graduates, helping them to market themselves in a tight time for employment.



Professor Mike Spyer
UCL Vice-Provost (Enterprise)

We've also seen UCL develop a significant income stream through licensing agreements, with agreements in the fields of liver failure and amyloidosis.

Overall, this has been a year where a great deal of work has been put into the foundations of new projects, which we will see come to fruition in 2010 and beyond.

Amyloidosis and Alzheimer's collaborations

Professor Mark Pepys (Director of the UCL Centre for Amyloidosis and Acute Phase Proteins) has conducted long-term amyloidosis research, which has led to highly promising breakthroughs and a GlaxoSmithKline collaboration to develop a drug-antibody for the disease. Amyloidosis is caused by amyloid deposits in the body that results in progressive organ failure in patients. It also has an aspect in common with Alzheimer's disease: amyloids are present in the brain of patients with Alzheimer's. After successful pre-clinical studies, in which the development of both diseases have been arrested, new doors of research have opened for Professor Pepys, whose team is embarking on clinical trials to examine treatments for both diseases.

Ocera Therapeutics licenses UCL liver failure research

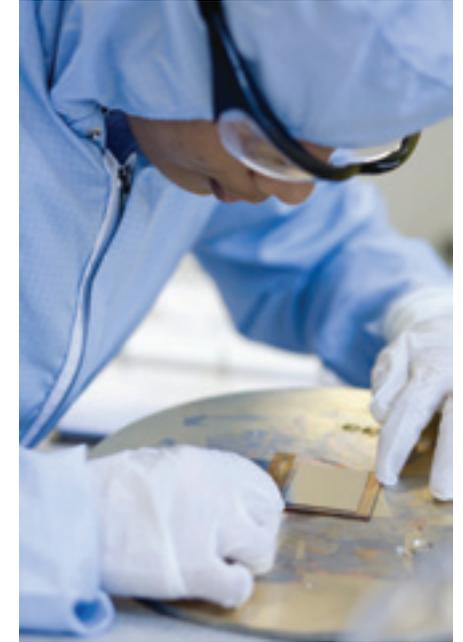
UCL Business and biopharmaceutical company Ocera Therapeutics Inc have signed an exclusive worldwide licensing agreement for UCL-L1V – a compound that can be used to treat acute hepatic encephalopathy (AHE) – a common complication of cirrhosis and acute liver failure. Symptoms of AHE include impaired cognition, uncontrolled movements and decreased levels of consciousness leading to coma. International research led by Professor Rajiv Jalan and the Liver Failure Group at the UCL Institute of Hepatology showed the compound directly reduces blood levels of ammonia: a highly toxic chemical that builds up during attacks of AHE. Ocera will develop the licensed compound as a treatment for AHE in patients with liver disease. Clinical trials in patients are taking place at centres including University College Hospital.

Research commercialisation award

Professor Mohan Edirisinghe (UCL Mechanical Engineering), Chair of Biomaterials, has been awarded the 2009 Kroll prize from the Institute of Materials, Minerals & Mining for his research on inorganic materials and the 2009 Brian Mercer Innovation Feasibility Award from the Royal Society. Professor Edirisinghe was commended for the Kroll medal and prize for his significant scholarly contribution to materials chemistry as applied to the industrial production of materials. The Brian Mercer Awards aim to encourage enthusiasm and entrepreneurship in today's scientists. The award recognised a proposal for the development of novel engineering devices for healthcare to be undertaken by the UCL Microencapsulation for Drug Delivery Group. These devices can transport different combinations of fluids and suspensions simultaneously under the influence of an electric field. Such devices will immensely advance modern drug delivery and tissue engineering strategies.

UCL & Arup collaboration and training

UCL has signed a memorandum of understanding (MoU) with global firm Arup to boost collaboration and training in a number of fields including design, engineering and sustainable development. The MoU will encourage researchers to work jointly on projects, exchange personnel, share supervision of doctoral training programmes, enable students to spend time in each organisation, and share thinking on innovation. It also aims to boost knowledge transfer to businesses. It builds on projects including The Thames Gateway Institute for Sustainability, a research institute to be set in the heart of a new sustainability industries park at Dagenham Dock, as part of the regeneration of the area.



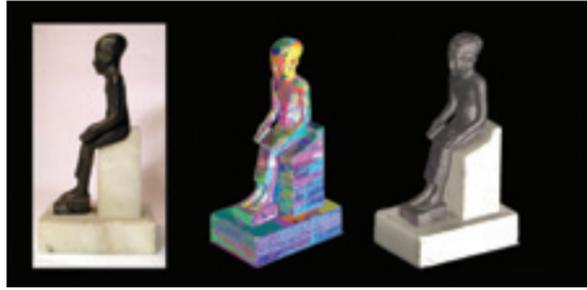
Research at the LCN

Industry microscope training partnership

The London Centre for Nanotechnology (LCN) – a partnership between UCL and Imperial College London – has joined forces with Veeco Instruments to train industry and academics in the use of Atomic Force Microscopes (AFM). Veeco specialises in the manufacture of measurement equipment including AFMs, a type of high-resolution microscope that is one of the foremost tools for imaging, measuring and manipulating matter at the nanoscale. The training course is sanctioned by a professional certification controlled and maintained by the LCN, which will be valid for three years to guarantee the practical competences of certified staff.



Enterprise



Imhotep bronze from the UCL Petrie Museum of Egyptian Archaeology scanned using the Arius3D
Image: Ms Mona Hess (UCL Civil, Environmental & Geomatic Engineering)

UCL hosts seedcamps for fledgling entrepreneurs

The fledgling entrepreneurs of the future took part in a week-long training course, hosted by UCL Advances. Seedcamp sees top venture capital investors and business leaders representing many of the leading European technology start-up companies share their expertise with students. The occasion is an opportunity for mentoring and networking for the next generation and aims to support first-time entrepreneurs as they develop their business ideas and their confidence.

Learning from Ovid

Maurice Biriotti, UCL Honorary Visiting Professor of Humanities for Business, delivered his inaugural lecture 'Learning from Ovid: Literary and Organisational Transformation' in April. Professor Biriotti has founded a successful consultancy firm, which applies humanities teaching to commercial challenges of all kinds. His approach is at the leading edge of a sea-change in management training and executive education, which has received added impetus by the downturn now confronting the economy.

Entrepreneurship Guest Lecture series

Lord Karan Bilimoria, Founder of Cobra Beers and cross-bench life peer, was among the speakers during the university's Entrepreneurship Guest Lecture Series. Lord Bilimoria – the National Champion for the National Council for Graduate Entrepreneurship – outlined his views on how the UK should fight its way out of the current economic climate, with the help of the Government. UCL Advances, the university's centre for entrepreneurship, hosted the events.

Enterprise awards

The UCL Bloomsbury Theatre hosted the second annual UCL Awards for Enterprise on 15 May to honour many of the most notable entrepreneurial and commercial activities that have taken place within UCL during the last year while also bringing together academics with businesses and investors. The awards are unique among UK universities as an event that celebrates a complete cross-section of enterprise activities.

Virtual exhibitions partnership

New partnership agreements have been signed that enable the university to take a leading role in the development of virtual exhibitions in the arts and heritage sector. UCL has extended its agreement with Arius3D for the loan of a 3D colour laser scanner, which has already been used to scan artefacts in the UCL Petrie Museum of Egyptian Archaeology, which can display and support 3D imaging of its collection, while retaining copyright of the images. Use of the scanner has already generated £2.5 million of research income and the new agreement will allow UCL to stage touring exhibitions based on scans of artefacts in its custody and further relationships with external institutions.

UCL has also entered into a contract with Íomhána Éigipteach Teoranta (IET), for licensing 3D images and for the development of virtual exhibitions. UCL aims to set international standards for 3D laser technology and 3D visualisation in the heritage sector, as well as developing significant new technologies for authentication, registration and measurement of decay. The scanner's applications also serve a range of sectors, including engineering, medicine, dentistry, anthropology, archaeology, art and architecture.

Highlights 2009

A New Landscape for Physics

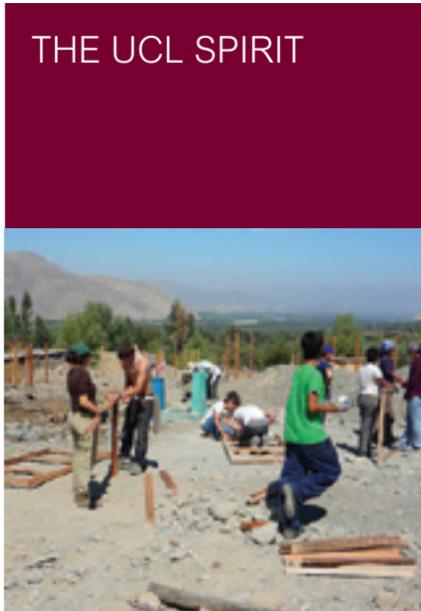
UCL is contributing a wealth of engineering, computing and scientific expertise to the ATLAS project – one of the detectors in the Large Hadron Collider (LHC), Geneva. The LHC is an underground ring-shaped tunnel, which fires protons at each other to create head-on collisions at unprecedented energy levels. An international collaboration of 2,500 scientists, ATLAS consists of highly sophisticated

detectors that record, process and analyse data from the events. Principal Investigator of the UK ATLAS team, Professor John Butterworth (UCL Physics & Astronomy) describes the project as allowing physicists access to an undiscovered, high-energy realm in which everyday forces, such as electromagnetism, behave completely differently.

Credit: ESA

UCL was established in 1826 in order to open up education in England for the first time to students of any race, class or religion. The idea was bold, radical, and responsive to the needs of the world; three qualities that we believe passionately in to this day.

We've always believed that excellence should go hand-in-hand with enriching society. Whether we're designing the iconic parks or buildings of tomorrow, or grappling with issues such as global health or climate change, the challenges of daily life inspire each generation of UCL students and academics.



THE UCL SPIRIT

A team of undergraduates from UCL Civil, Environmental & Geomatic Engineering spent the summer building earthquake-resistant housing in Peru. The project involved building new homes in Casa Blanca, a small community on the outskirts of the southern city of Ica, which was severely affected by an earthquake in 2007. Many people in the region still live in transitional housing. The team used quincha: a variation on a traditional construction method using wood, mud and cane, which is resistant to seismic activity. The students also instructed the communities in which they are working in the differences between the traditional and improved method of construction, so that they can carry on rebuilding safe, earthquake-resistant houses.

Universities thrive on the collective efforts of their scholars in tackling complex ideas that require breadth and range of expertise. But the work of unique thinkers is equally fundamental in the march of progress.

UCL individuals, both past and present, have made discoveries and inventions that have changed the world. Some UCL people are household names, while other, equally brilliant thinkers are known primarily within their field. There is inspiration for all of us among UCL's people.



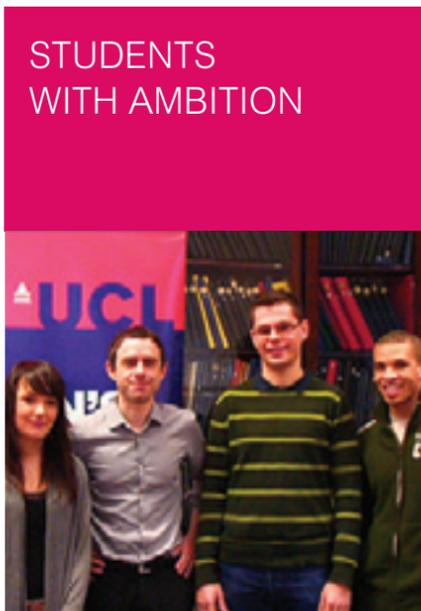
Image: Power Plant by Odra Noel

INSPIRING MINDS

Dr Nick Lane (UCL Department of Genetics, Evolution & Environment) received the first UCL Provost's Venture Research Fellowship – an initiative to fund researchers whose ideas challenge the norm and have the potential to substantially change the way we think about an important subject, free of the constraints set by funding rules and peer review. "There is a big hole at the very heart of biology, and it concerns the origin of all complex life on earth – why our planet erupted with life, and why humans turn out to be so closely related to mushrooms at the level of our cells," explains Dr Lane, who will now seek to solve this mystery, with potentially groundbreaking implications for the ageing process and the origins of the species itself.

Fierce intelligence, a desire to change the world, juggling a challenging study programme, volunteer work and London's exciting social life – UCL students have a zest for life.

Coming to UCL from nearly 140 countries around the world, they share common attributes of creativity and critical thinking. They are prepared to take their subject knowledge into the community, be it to the government or local schools, and enjoy the cultural and social diversity of UCL and London life. While entrepreneurship is a budding area among the student body, demonstrations of innovation and leadership occur on an everyday basis. Our students graduate with a wealth of experiences that make them true global citizens.



STUDENTS WITH AMBITION

Four UCL students travelled to the United Nation's Climate Change Conference in November 2009 to share ideas with students from 16 other universities on how their respective institutions can become more sustainable and energy efficient. The students were dubbed the 'dream team' by Director of UCL Environment Institute Professor Mark Maslin, because: "It's not going to be us, the middle-aged and elderly statesmen, who are actually going to have to live through climate change – it's the youth, the students of today. It's the dream team that's going to have to manage this problem and be the policymakers of the future."

With dedication and a creative approach, academic research can be used to tackle the world's most urgent problems – that's what we believe at UCL.

Our research approach is built on foundations of excellence in the fundamental disciplines, encouraging UCL people to work together and transform society with their ideas and innovations. We have developed a series of Grand Challenges, designed to activate a response from across UCL to major problems of our times, including global health and sustainable cities. From legal reform to carbon capture, UCL ideas are changing everyday life.

At UCL, we're committed to the principle of merging and working across traditional subject boundaries.

Our interdisciplinary approach is so important to us because it enables ideas from one subject area to be seeded into another, resulting in fruitful new ideas – and even new disciplines. English and Laws were once bundles of ideas from different subjects rather than the established fields that they are today: UCL was the first to systematically teach both. These days, we have many leading centres where groundbreaking interdisciplinary work takes place, and our students and staff are taking daring new approaches to find the answers to their questions about the world.

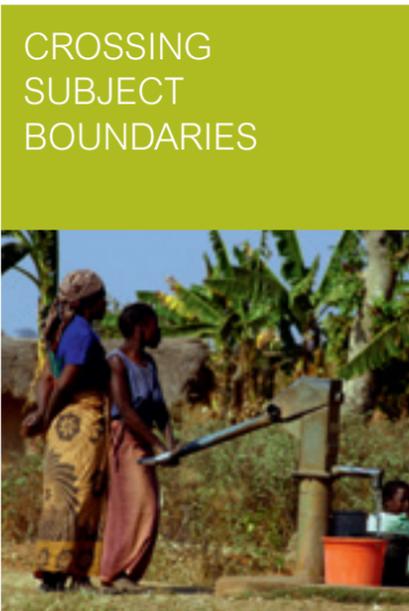
Forging effective partnerships is integral to UCL's belief in maximising the social impact of its intellectual resources.

As a research institution, our primary expertise is on developing ideas and knowledge, so by working with institutions with a practical focus to their activities, such as hospitals, schools, business or government, we can help these ideas turn into real-world solutions. Getting a breakthrough cancer drug to the patient waiting in the clinic, or conveying the magic of a Greek drama to a group of local schoolchildren – these are just two examples of how UCL expertise is delivered most effectively through strong external relationships.



RESEARCH WITH IMPACT

A pilot study led by Professor Carol Dezateux (UCL Institute for Child Health) led to the introduction of a blood test for a rare metabolic condition for all newborn babies across England. Medium Chain Acyl CoA Dehydrogenase Deficiency (MCADD) affects the body's ability to break down fat for energy. The first sign of the disorder is usually when the sufferer is taken seriously ill. Introducing the test was relatively easy and inexpensive as a blood spot test is already taken for conditions such as cystic fibrosis. The test has now been rolled out across England and each year around 650,000 babies are being tested by 13 screening labs. Professor Dezateux described the successful roll-out of the screening programme as an outstanding achievement.



CROSSING SUBJECT BOUNDARIES

A major report on managing the health effects of climate change, launched jointly by The Lancet and UCL in May 2009, stated that climate change is the biggest global-health threat of the 21st century. 'Managing the Health Effects of Climate Change' was the work of UCL academics from many disciplines across the university – including health, anthropology, geography, engineering, economics, law and philosophy. Lead author Professor Anthony Costello (UCL Institute for Global Health) said that this project brought down the traditional disciplinary barriers common at all universities, and that he hoped it could act as a model for global governance bodies to work together.



PROGRESS THROUGH PARTNERSHIP

A team from the UCL Mullard Space Science Laboratory supplied one of three telescopes on board the European Space Agency's satellite observatory Herschel, launched on 14 May 2009. The telescope, known as SPIRE, was designed and built by a UCL engineering team who developed a 'Russian Doll' concept of stepped down boxes, each thermally isolated from its predecessor and with its own cryogenic temperature. The Herschel space mission is the result of an extensive international consortium of industry and research institutes. Expected to end in 2012, is studying the formation of galaxies and stars in the early universe and their subsequent evolution.



Highlights 2009



The Grand Challenge Of Sustainable Cities

Cities – now home to more than half the world's population – face complex and systemic problems. By the end of the 21st century some 80% of humanity will live in cities. This rapid growth will further stress the urban environment, posing significant problems in areas such as food security, energy, water, waste, transport, economy, trade, manufacture,

wealth creation and quality of life. In response, UCL's Grand Challenge of Sustainable Cities was launched in July 2009. The event marked UCL's commitment to deploying the breadth of its expertise – in imaginative, interdisciplinary collaborations and partnerships with policymakers and practitioners – to make our cities fit for purpose.

Credit: Mr Hang Kei Ho (UCL Geography) A worker in Hong Kong uses bamboo scaffolding on the 28th floor

Awards & Appointments

Fellowships



Dr Claire Colomb
(UCL Bartlett School of Planning)



Professor Jon Driver
(UCL Imaging Neuroscience)

Academy of Medical Sciences
Fellows: Professor Stephan Beck, Professor for Medical Genomics (UCL Cancer Institute), Professor Neil Burgess, MRC Senior non-clinical Research Fellow (UCL Neuroscience), Professor Andrew Lees, Professor of Cerebrovascular Medicine (UCL Neuroscience), Professor John Wood, Professor of Molecular Neurobiology (UCL Neuroscience, Physiology & Pharmacology)

Association for Research in Vision and Ophthalmology
Fellows: Professor Fred Fitzke (UCL Institute of Ophthalmology), Professor Sue Lightman (UCL Institute of Ophthalmology), Professor Gary Rubin (UCL Institute of Ophthalmology)

British Academy
Fellows: Professor Michael Freeman (UCL Laws), Professor Rachel Griffith (UCL Economics)

British Machine Vision Association
Distinguished Fellow: Professor Bernard Buxton (UCL Engineering Sciences)

Royal Society
Fellows: Professor Michael Batty (UCL Centre for Advanced Spatial Analysis), Professor John Hardy (UCL Institute of Neurology), Professor Peter Isaacson (UCL Research Department of Pathology), Professor Jonathan Tennyson (UCL Physics & Astronomy), Professor John Wood (UCL Wolfson Institute for Biomedical Science)

UCL Fellows 2009
Jane Cannon (UCL Electronic & Electrical Engineering): Group Managing Director, Lockheed Martin UK Information Systems & Global Services

Vincent Cheung (UCL Laws): Founding Partner of Vincent TK Cheung, Yap & Co

Professor Roger Davies (UCL Physics): Philip Wetton Professor of Astrophysics, Oxford University

Professor David Delpy (DSc UCL Medical Physics): Chief Executive, Engineering and Physical Sciences Research Council

The Rt Hon The Lord Mayor Alderman Ian Luder (UCL Economics): Lord Mayor of the City of London

Dr Diana Manuel (UCL Zoology; MSc, MPhil, PhD UCL History and Philosophy of Science): Honorary Senior Research Associate at the Wellcome Trust Centre for the History of Medicine at UCL

Sir Ian McAllister (UCL Economics): Non-Executive Chairman, Network Rail

Professor Brian Warner (UCL Astronomy): Professor Emeritus of Natural Philosophy, University of Cape Town

UCL Honorary Fellows 2009
Sir John Birch: Former ambassador to Hungary and to the United Nations

Professor Sir Peter Cook: UCL Bartlett Professor of Architecture and Chair of the UCL Bartlett School

Professor Michael Crawford: Honorary Librarian of the Hellenic and Roman Societies

Michael & Morven Heller: Founders of the Michael & Morven Heller Charitable Foundation

Professor Richard Munton: Emeritus Professor and former Head of UCL Geography

Professor Michael Worton: Vice-Provost (Academic & International) and Fielden Professor of French Language & Literature at UCL

Research Fellowships
Alexander von Humboldt Foundation

Humboldt Research Fellowship: Dr Claire Colomb (UCL Bartlett School of Planning), Dr Quentin Stevens (UCL Bartlett School of Planning)

International Association for the Study of Pain

John J Bonica Trainee Fellowship: Ms Lucie Low (UCL Neuroscience, Physiology & Pharmacology)

L'Oréal UNESCO UK & Ireland Women In Science Fellowship: Dr Patricia Alireza (UCL Physics & Astronomy)

Medical Research Council Bioinformatics Training Fellowship: Dr M Ryten (Institute of Neurology)

Clinician Scientist Fellowship: Dr R Alonzi (Wolfson Institute for Biomedical Research)

Clinical Training Fellowship: Dr B Carpenter (Division of Biosciences), Dr T Connor (Metabolism & Experimental Therapeutics), Dr G Winston (Institute of Neurology), Dr C Yeo (Division of Medicine)

Senior Non-Clinical Fellowship: Dr Josef Kittler (UCL Neuroscience, Physiology and Pharmacology), Dr Antonella Riccio (MRC Laboratory for Molecular Cell Biology)

Royal Society

Dorothy Hodgkin Fellowship: Dr Janet Anders (UCL Physics & Astronomy)

2010 Anniversary Research Professorship: Professor Jon Driver (UCL Imaging Neuroscience)

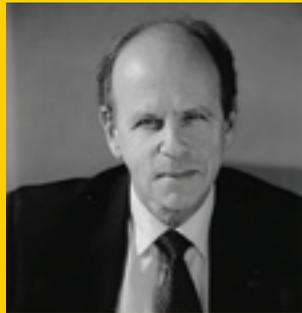
TED

Senior Fellowship: Rachel Armstrong (UCL Bartlett School of Architecture)

Wellcome Trust
Sir Henry Wellcome Postdoctoral Fellowship: Dr Jennifer Brookes

Honorary Doctorates, Fellowships, Lectureships and Senior Investigatorships

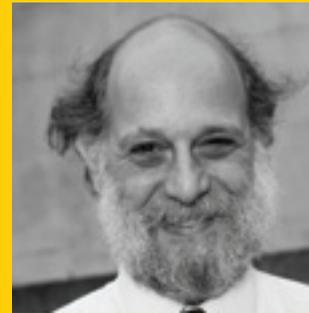
University of Paris II
 Doctorat Honoris Causa:
 Professor Jeffrey Jowell
 (UCL Laws)



Professor Jeffrey Jowell
 (UCL Laws)

Presidencies, Directorships, Chairs and Editorships

International Society for Developmental Biology
 President: Professor Claudio Stern
 (UCL Cell & Developmental Biology)



Professor Claudio Stern
 (UCL Cell & Developmental Biology)

Awards, Medals & Prizes



Professor Robin Ali
 (UCL Institute of Ophthalmology)



Professor Martin Rossor
 (UCL Institute of Neurology)



Dr Lucie Green
 (UCL Mullard Space Science Laboratory)



Professor CJ Lim
 (UCL Bartlett School of Architecture)

Alcon Research Institute
 Award for outstanding contribution to advancing eye health:
 Professor Robin Ali (UCL Institute of Ophthalmology)

Alzheimer's Association
 2009 Bengt Winblad Lifetime Achievement Award:
 Professor Martin Rossor
 (UCL Institute of Neurology)

American Academy of Neurology & National Multiple Sclerosis Society
 John Dystel Prize for Multiple Sclerosis Research:
 Professor David Miller
 (UCL Institute of Neurology)

American Association for the Advancement of Science
 Newcomb Cleveland Prize:
 Professor Jeremy Brockes, Phillip Gates, Dr James Godwin and Dr Anoop Kumar (UCL Structural & Molecular Biology)

American Epilepsy Society
 2009 Epilepsy Research Recognition Award for Clinical Science: Professor Josemir W Sander (UCL Department of Clinical & Experimental Epilepsy)

American Society of Hematology
 2009 Wallace H Coulter Lifetime Achievement Award:
 Professor George Janossy
 (UCL Immunology)

American Society of International Law
 Certificate of Merit:
 Dr Ralph Wilde (UCL Laws)

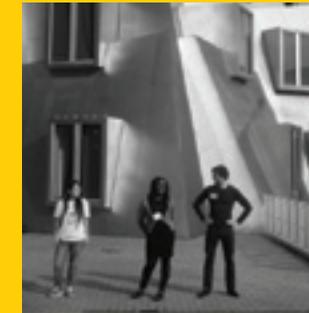
Awards, Medals & Prizes



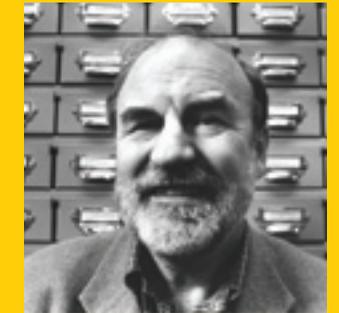
Professor Mohan Edirisinghe
 (UCL Mechanical Engineering)



Dr Ralph Wilde
 (UCL Laws)



Anike Akinrinlade
 (UCL Biochemical Engineering)
 Axel Nystrom
 (UCL Biochemical Engineering)
 Xiang Chen
 (UCL Research Department of Structural & Molecular Biology)



Professor Rick Battarbee
 (UCL Geography)

American Society of Limnology and Oceanography
 Ruth Patrick Award: Professor Rick Battarbee (UCL Geography)

Biochemical Society
 AstraZeneca Award:
 Professor Bonnie Wallace

British Institute for the Study of Iraq
 Gertrude Bell Memorial Gold Medal: Dr Lamia al-Gailani Werr
 (UCL Institute of Archaeology)

British Medical Association
 2009 Student Textbook Award:
 Dr Terence Leung
 (UCL Medical Physics & Bioengineering)

Walter Jobson Horne Prize:
 Professor Martin Birchall
 (UCL Ear Institute)

British Neuroscience Association
 British Neuroscience Award:
 Professor Geoff Burnstock
 (UCL Cell & Developmental Biology)

British Oncological Association
 Lifetime Achievement Award:
 Professor Hilary Calvert
 (UCL Cancer Institute)

C Mondino Foundation, University of Pavia
 Ottorino Rossi Award:
 Professor Stephen Hunt
 (UCL Cell & Developmental Biology)

Coastal and Estuarine Research Federation
 Pritchard Award: Dr Hélène Burningham (UCL Geography),
 Professor Jon French
 (UCL Geography)

Environmental Design Research Association
 Great Place Planning Award:
 Professor CJ Lim (UCL Bartlett School of Architecture)

European Physical Society
 Prize for High Energy Physics:
 UCL High Energy Particle Physics Group

European Science Foundation
 European Latsis Prize:
 Professor Chris Frith (UCL Institute of Neurology), Professor Uta Frith
 (UCL Institute of Cognitive Neuroscience)

Fondation NRJ, Institut de France
 Grand Prix Scientifique:
 Professor John Wood
 (UCL Wolfson Institute for Biomedical Science)

International Association for the Study of Pain
 Young Investigator Award in Paediatric Pain: Dr Suellen Walker
 (UCL Neuroscience, Physiology & Pharmacology)

International Genetically Engineered Machines Competition
 Silver Medal: Anike Akinrinlade
 (UCL Biochemical Engineering), Axel Nystrom
 (UCL Biochemical Engineering), Xiang Chen
 (UCL Structural & Molecular Biology)

International Movement Disorder Society
 Junior Award for Excellence in Clinical Research: Dr Helen Ling
 (Reta Lila Weston Institute of Neurological Studies)

Institute of Materials, Minerals & Mining
 Kroll Prize: Professor Mohan Edirisinghe
 (UCL Mechanical Engineering)

Institute of Medical Illustrators
 Gold Award: Mr Rakhee Bashar and Mr David Bishop
 (UCL Medical Illustration Unit)

Institute of Physics
 Moseley Medal: Dr Matthew Wing
 (UCL Physics & Astronomy)

Paterson Medal: Dr Rachel McKendry
 (London Centre for Nanotechnology)

Institute of Physics & Italian Physical Society
 Occhialini Medal and Prize:
 Professor Gaetana Laricchia
 (UCL Physics & Astronomy)

Institution of Engineering and Technology
 Oliver Lodge Medal: Professor Anthony Finkelstein
 (UCL Computer Science)

Awards, Medals & Prizes

National Aeronautics and Space Administration (US)

Group Achievement Award:
Dr Nick Achilleos (UCL Physics & Astronomy) and team

Group Achievement Award:

Dr Giovanna Tinetti (UCL Physics & Astronomy) and team

Neuroscience Institute, Miguel Hernandez University (Spain)

Remedios Caro Almela Prize in Developmental Neurobiology:
Professor Stephen Wilson (UCL Cell & Developmental Biology)

Oronzio and Niccolo De Nora Foundation (Italy)

Prize for Applied Electrochemistry:
Dr Dan Brett (UCL Chemical Engineering)

Royal Astronomical Society Fowler Prize for Astronomy:

Dr Sarah Bridle (UCL Physics & Astronomy)

Gold Medal: Professor David Williams (UCL Physics & Astronomy)

Royal Society

Brian Mercer Innovation Feasibility Award: Professor Mohan Edirisinghe (UCL Mechanical Engineering)

Engineering and Physical Sciences Research Council Journal of the Royal Society Interface Award:

Professor Mohan Edirisinghe (UCL Mechanical Engineering), Uthumankandu Farook (UCL Mechanical Engineering), Dr Eleanor Stride (UCL Mechanical Engineering)

Kohn Award: Dr Lucie Green (UCL Mullard Space Science Laboratory)

Royal Society of Medicine

Student Research Poster Prize:
Anna Rose (UCL Institute of Ophthalmology)

Science, Engineering and Technology for Britain

Poster Competition Engineering Medal and first prize: Dr Eleanor Stride (UCL Mechanical Engineering)

Society for History in the Federal Government (US)

Henry Adams Prize for Anglo-American history:
Professor Kathleen Burk (UCL History)

Sophie Coe Memorial Fund

Sophie Coe Prize in Food History:
Dr Kaori O'Connor (UCL Anthropology)

Sparks

Young Investigator of the Year:
Dr Richard Chin (UCL Institute of Child Health)

UK Resource Centre for Women in Science, Engineering and Technology

Woman of Outstanding Achievement 2009: Professor Linda Partridge (UCL Genetics, Evolution & Environment)

Universita Degli Studi di Ferrara (Italy)

Copernicus Gold Medal:
Professor Geoff Burnstock (UCL Cell & Developmental Biology)

Wellcome Image Awards

Theresia Hofer (Wellcome Trust Centre for the History of Medicine at UCL), Jackie Lewin (UCL Medical School)

Zoological Society of London/ Thomson Reuters

Award for Communicating Zoology:
Professor Steve Jones (UCL Biology)



Professor Linda Partridge (UCL Genetics, Evolution & Environment)

UCL Awards

Provost's Teaching Awards:
Beginning of Career: Dr Karen Radner (UCL History)

Experienced Staff: Dr David Bender (UCL Biosciences), Dr Tim Beasley-Murray (UCL School of Slavonic & East European Studies), Dr Greg Campbell (UCL Biosciences), Dr Peter Delves (UCL Infection & Immunity), Dr John Eyre (UCL Civil, Environmental & Geomatic Engineering), Dr Stephen Instone (UCL Greek & Latin), Dr Mark Lake (UCL Institute of Archaeology), Dr Adam Wojcik (UCL Mechanical Engineering)

Postgraduate Teaching Assistant:
Rachel Morley (UCL School of Slavonic & East European Studies)

Supporting Learning:

Judy Medrington (UCL Institute of Archaeology)

UCL Centre for Neuroimaging Techniques

Young UCL Investigator Award:
Benjamin Judkewitz (UCL Wolfson Institute for Biomedical Research)



Dr Giovanna Tinetti (UCL Physics & Astronomy)

UCL Awards for Enterprise

Lifetime Achievement Award:
Mr Cengiz Tarhan (UCL Business plc)

Enterprise Partner of the Year:
GlaxoSmithKline

UCL Business Award:

Professor Rajiv Jalan (UCL Division of Medicine)

UCL Consultants Award:

Mr Spencer Chainey (UCL Jill Dando Institute of Crime Science)

London Entrepreneurs' Challenge:
Alive and Giving

UCL Research Challenges 2009

Dr Noemie Bouhana (UCL Jill Dando Institute of Security & Crime Science), Professor Yves Cabannes (UCL Development Planning Unit), Professor David Coen (UCL School of Public Policy), Dr Lee Grieveson (UCL Centre for Intercultural Studies) and Dr Jann Matlock (UCL French), Dr Maria Kett (UCL Epidemiology & Public Health), Dr Pablo Mateos (UCL Geography), Dr David McCoy (UCL Centre for International Health & Development)

UCL Appointments

UCL Energy Institute

Director: Professor Tadj Oreszczyn (UCL Bartlett School of Graduate Studies)

UCL Partners

Managing Director: Professor David Fish (Medical Director for Specialist Hospitals, UCLH)

Programme Directors:

Child health: Professor David Goldblatt (UCL Institute of Child Health)

Eyes and vision: Professor Peng T Khaw (UCL Institute of Ophthalmology)

Immunology and transplantation:

Professor Hans Stauss (UCL Immunology Centre)

Infectious diseases:

Professor Deenan Pillay (UCL Research Department of Infection)

Neurological disorders:

Professor Alan Thompson (UCL Institute of Neurology)

Women's health: Professor

Judith Stephenson (UCL Institute for Women's Health)

Chair of Energy & Environment Policy

Professor Paul Ekins (UCL Energy Institute)

Dean of Students (Academic)

Professor Mike Ewing (UCL Chemistry)

Nuffield Professor of Child Health

Professor Terence Stephenson (UCL Institute of Child Health)

UCL School of Energy & Resources, Australia

Director: Professor Tony Owen

UCL Institute of Origins

Director: Professor Louise Harra (UCL Mullard Space Science Laboratory)

Memberships



Dr Maggie Aderin (UCL Science & Technology Studies)

American Academy of Sciences Foreign Associate:
Professor Richard Frackowiak (UCL Institute of Neurology)

Athens Academy

Member: Professor Jeffrey Jowell (UCL Laws)

Climate Change Adaptation Sub-committee

Member: Professor Anne Johnson (UCL Institute of Global Health)

Commission for Architecture and the Built Environment Enabling Panel

Members: Dr Pushpa Arabindoo (UCL Geography), Professor Yvonne Rydin (UCL Bartlett School of Planning)

European Molecular Biology Organization

Member: Professor Elizabeth Fisher (UCL Neurodegenerative Diseases)

National Academy of Engineering (US)

Foreign Associate: Professor Peter Kirstein (UCL Computer Science)

Royal, National and International Honours

Queen's Birthday Honours

Order of the British Empire (DBE):
Professor Linda Partridge, CBE (UCL Institute of Healthy Ageing)

New Year's Honours

Dame Commander of the Order of the British Empire (DBE) for services to medicine:
Professor Sally Davies (UCL Institute of Child Health), MSc Middlesex Hospital Medical School 1981

Commander of the Order of the British Empire (CBE) for services to international sustainable development and UK/China relations: Emeritus Professor David Norse, (UCL Environment Institute and UCL Geography), former Pro-Provost

CBE for services to life sciences: Emeritus Professor Martin Raff (UCL Life Sciences), UCL Honorary Fellow 2004

Officer of the Order of the British Empire (OBE) for services to children with communication disorders: Dr Stephen Davis (UCL Psychology), BSc Psychology 1998; PhD Psychology 2002

Member of the Order of the British Empire (MBE) for services to science: Dr Maggie Aderin (UCL Science & Technology Studies).

MINOS Experiment

Co-spokesperson: Professor Jenny Thomas (UCL Physics & Astronomy)

Royal Academy of Engineering

Member: Professor Sir Michael Pepper (UCL Electronic & Electrical Engineering)

Royal Commission on Environmental Pollution

Members: Professor Maria Lee (UCL Laws), Professor Joanne Scott (UCL Laws)

British Pain Society

Honorary Membership:
Professor Anthony Dickenson (UCL Research Department of Neuroscience, Physiology & Pharmacology)



Bankside, London

UCL and London are interwoven: many of the university's achievements can be attributed to the endeavours, values and people of the city, and UCL in turn helps propel the capital forward. We are proud to be one of London's leading universities and we take our role in the development of the city and our community seriously.

We are London's Beacon for Public Engagement, building closer involvement between universities, local communities and the wider public. The strength of our commitment to local children is epitomised by our role as sponsor for a new Academy school to open in 2011.

Our academics provide expert consultancy and training to businesses, large and small, helping strengthen London's economy, and we in turn aim to foster entrepreneurial awareness among our staff through a dedicated department. UCL and Camden Borough Council are working together to deliver a range of activities for new entrepreneurs and existing small businesses in Camden and across London.

Our staff and postgraduates provide local and central government with specialist research and consultancy on health, transport, housing, climate change, cultural heritage, town planning, security, human rights, enterprise and many more issues that affect us all.

UCL has partnered with its four key teaching hospitals to deliver pioneering research work from the laboratory bench to the bedside, care for thousands of patients and train the healthcare professionals of the future. We have also joined with the Medical Research Council, Cancer Research UK and the Wellcome Trust to establish the UK Centre for Medical Research and Innovation. The centre will be set on a derelict site in London between the British Library and St Pancras Eurostar terminal and will be one of the world's top medical research centres, housing 1,500 scientists and support staff working on a range of biomedical projects.

Culture

The UCL Public Engagement Unit provides funding as part of our status as London's Beacon for Public Engagement. The three main funding streams are the Beacon Bursaries, Beacon Fellowships, and Innovation Seed funding. In 2009, Beacon Bursaries were awarded to 25 UCL projects, including the following:

Towers of London is developing a growing public interest in London's buildings and urban histories. With support from UCL's Centre for Advanced Spatial Analysis the public will be invited to upload photographs, web-links, videos and personal stories about living or working in and around London's tall buildings onto an interactive online map.

Destination London: Writing Cities was a series of public events structured around the experiences and perceptions of East Europeans who have written about London – and, in addition, is intended to explore new approaches to seeing and writing about the city, in the belief that even long-term Londoners can experience their city anew through reading and hearing about the perspectives of others.

In spring 2009, the unit awarded its first fellowship to Professor David Napier (UCL Department of Anthropology), for his project on migration and wellbeing, which includes a programme of talks and activities with the communities affected by the issues discussed. It also gives students in the Network for Student Activism the opportunity to take placements working on the community activities. This will help to create sustainable relationships between UCL, the British Museum, and the communities engaged.

The unit also launched the highly popular Bright Club – billed as the thinking person's variety night – blending comedy, music, art, new writing, science, and performance. Bright Club aims to bring UCL researchers together with a new audience, primarily 20–40 year olds who have no existing relationship with academia.



The toy car used for Object Retrieval
Image: Joshua Sofaer and UCL Museums & Collections

Object retrieval and disposal

A London Routemaster bus was the unorthodox host for the interactive exhibition 'Object Retrieval: You are the Routemaster', which invited the UCL community and the general public to trace the origins of an unusual object from UCL's museum collections. The project – the brainchild of internationally renowned artist Joshua Sofaer and UCL curator Simon Gould – ran for 24 hours a day over the course of a week. Visitors joined researchers to build an enormous biographical network of information around a toy car from the UCL Pathology Collection. The car's paint is thought to have caused lead poisoning in a four-year-old boy.

A picnic basket linked to Agatha Christie, soil samples collected before the Channel Tunnel was built and a radioactive rock used in a Nobel Prize-winning experiment featured in the 'Disposal?' exhibition, which invited visitors to comment on the most challenging question faced by museums today: What should we collect and hold on to and what should we get rid of? The exhibition contained five objects earmarked for disposal that the public could vote on. This is one of several ways in which people can contribute their views on the collections: on what they think is important, what should be collected and what they feel would be better off elsewhere.



Crowds explore the foreshore
Image: Lorna Richardson, Thames Discovery Programme

Focus on: The Thames Discovery Programme

The Thames Discovery Programme (TDP) aims to communicate an understanding and informed enjoyment of the historic Thames to the widest possible audience. It was initially developed as a response to the gradual loss of archaeological sites exposed on the open foreshore – including prehistoric forests, a Bronze Age bridge, and boats, barges and shipyards – threatened by the daily scour of the tidal Thames. A monitoring programme is being established in which key sites will be systematically surveyed on a regular basis.

This ambitious project is hosted by the Thames Estuary Partnership in the UCL Environment Institute, and the Thames Explorer Trust with generous support from Heritage Lottery Funding. Other partners include the Museum of London, English Heritage and the UCL Institute of Archaeology.

The Foreshore Record Observation Group (FROG), the membership of which is drawn from right across the London community, is being trained to survey key sites on a regular systematic basis. The funds will also directly support the running of the public engagement training programmes themselves, again at the direct interface between UCL and the general public. Once the training programme has been completed, the FROG members will be empowered to take over the long term survey and re-survey of the Thames sites. The project is building on the community fieldwork through the development of a web-based river-related database, Thames Discovery Programme: Riverpedia, ultimately compiled by the public.



UCL Professional Networking event

Government

Research influences House of Commons Reform
Research by Dr Meg Russell (UCL Constitution Unit) heavily influenced the report of the Select Committee on Reform of the House of Commons, published in November. The committee, chaired by Tony Wright MP, has made a number of key suggestions for how control of the House of Commons could be wrested from government whips, with backbench MPs given more power. Dr Russell and former researcher Akash Paun first made several of the central proposals in a 2007 report. The creation of the committee was also influenced by Russell's report, which was specifically mentioned by Tony Wright in his letter to the Prime Minister proposing that the committee be established. The central recommendation of Dr Russell's report, *The House Rules? International Lessons for Enhancing the Autonomy of the House of Commons*, was that there should be a clear distinction between 'government and non-government business' in the Commons. Government, which largely controls the Commons agenda, should relinquish control over scheduling non-government business to a committee of backbench MPs. The Wright committee has backed this proposal, recommending the establishment of a Backbench Business Committee.

Health

UCL Partners becomes one of UK's first Academic Health Science Centres
UCL Partners (UCLP) has been designated as one of the UK's first academic health science centres. The partnership is one of just five bids which satisfied the Department of Health's rigorous selection process, which included peer review of the application by an international panel of experts. The successful outcome demonstrates that the partnership possesses excellence in research, education and patient care. UCLP comprises five of London's biggest and best known hospitals and research centres: UCL, Great Ormond Street Hospital for Children NHS Trust (GOSH), Moorfields Eye Hospital NHS Foundation Trust, the Royal Free Hampstead NHS Trust and University College London Hospitals NHS Foundation Trust. The Partnership will bring together the combined skill and expertise of its clinicians and researchers to focus initially on seven areas: infectious diseases; neurological disorders; eyes and vision; cardiovascular; child health; women's health; and immunology and transplantation. The establishment of Academic Health Science Centres was one of the major reforms recommended in Professor Lord Darzi's review, *'Healthcare for London: a framework for action'*, published in July 2007 by NHS London. It sets out how London needs to change in order to meet Londoners' health needs over the next ten years.

Business

Business outreach for London
Project 'HELO' (Higher Education London Outreach) is a new initiative led by UCL in partnership with MegaNexus Ltd and supported by London Business School and others. Launched in November 2009, HELO will deliver a programme of new activities designed to link London-based SMEs with UCL and London Business School staff and students to meet business needs and overcome the problems that limit their growth. The project is led by UCL Advances, the centre for entrepreneurship and business interaction at UCL, and it will run until the end of 2011.

Sector-specific networking events
UCL launched a series of professional networking events for its graduates. Over 80 recent UCL graduates attended the first in a series of UCL professional networking events at ITV studios in Waterloo in March, which focused on public relations, broadcasting and journalism. The second event, aimed at those interested in the fields of architecture, planning, project management and construction, was held at UCL in November 2009. The events, organised by UCL Alumni Relations, have been designed to connect experienced alumni with recent graduates, and to provide information on career change, or how to break into an industry sector. High-profile panels of UCL alumni drew on their own career experiences to share insights and provide tips for career entry into their respective fields.



The James Lighthill House

2008–09 was another successful and busy year for UCL, which is reflected in its financial performance. But these results do not come easily and are testimony to the hard work of UCL staff.

UCL's total income for 2008–09 grew by 12 per cent to £714 million. Of particular note was an 18 per cent increase in research grants and contracts income where our enhanced levels of support for staff are starting to bear fruit. Fees income rose by 18 per cent, reflecting increased student numbers as well as the final year of the top up fees roll out.

Total expenditure was up by 11 per cent in 2008–09, driven largely by an increase in staff costs of nine per cent. Whilst some of the rise reflects higher levels of activity, the high level of national pay awards in 2008 has also had an impact.

The operating surplus for 2008–09 before adjustments was just over £11 million, compared with less than a million the previous year, reflecting the increase in income ahead of the increase in costs.

Fixed asset additions for the year were £65 million as UCL continues to invest in new facilities and refurbishments. With the financial pressures facing UCL likely to increase over the next few years, the underlying position will demand further significant effort to manage as effectively as possible the resources at UCL's disposal if long term financial sustainability is to be achieved whilst maintaining our vision for excellence around the student experience, our research and teaching. These financial results leave UCL in a strong position to meet the challenges ahead.



Alison Woodhams
UCL Director of Finance

HEFCE recurrent grants increase
UCL's recurrent grant allocation from the Higher Education Funding Council for England (HEFCE) for 2009/10 increased by 1.2 per cent on its 2008/9 allocation, to £176.6 million. UCL has received the third highest allocation of research funding, the 11th highest allocation of total teaching funds, and the fifth highest total grant overall. In addition, UCL was awarded £1.8 million from the Higher Education Innovation Fund, designed to support and develop a broad range of collaborations between higher education and businesses or public sector, charity or community groups, which result in economic and social benefit to the UK.



Campbell House student residence

Student residences refurbished
Student accommodation received an overhaul in 2009 with the completion of refurbishment work to Campbell House East and Hawkridge House. Ian Baker House, a new student residence block in the courtyard of Ramsay Hall, was also completed this year.

Updates to the main campus
The Gower Street campus received some important accessibility improvements over the course of the year, including a new lift linking the Jeremy Bentham room and the South Cloisters and Refectory, and a ramp for disabled access into the Rockefeller Building. A programme of refurbishment work carried out this year included restoration of UCL's buildings at 16–26 Gordon Square.



Ian Baker House student residence

Green investment
Investment in environmental sustainability continued to increase in prominence throughout 2009. The existing ten per cent reduction target within UCL's Carbon Trust Management Programme was accelerated via a successful bid to the HEFCE Salix Revolving Green Fund, to provide £250,000 repayable via energy savings.

The Estates Division has continued to make progress by increasing recycling and reducing waste. Personal action is also at the centre of UCL's approach, and a Green Champions scheme of volunteers, designed to implement sustainability initiatives at department level, has been revitalised this year.

UCL is now a partner in the EcoCampus and the 10:10 initiative, providing new frameworks for improving the university's environmental performance.

Library refurbishment

The second phase of learning laboratory work was carried out on the ground floor of UCL's Science Library. This forms part of a comprehensive refurbishment of UCL's libraries, transforming them into modern, state-of-the-art resources for students and researchers.

Investment in partnership

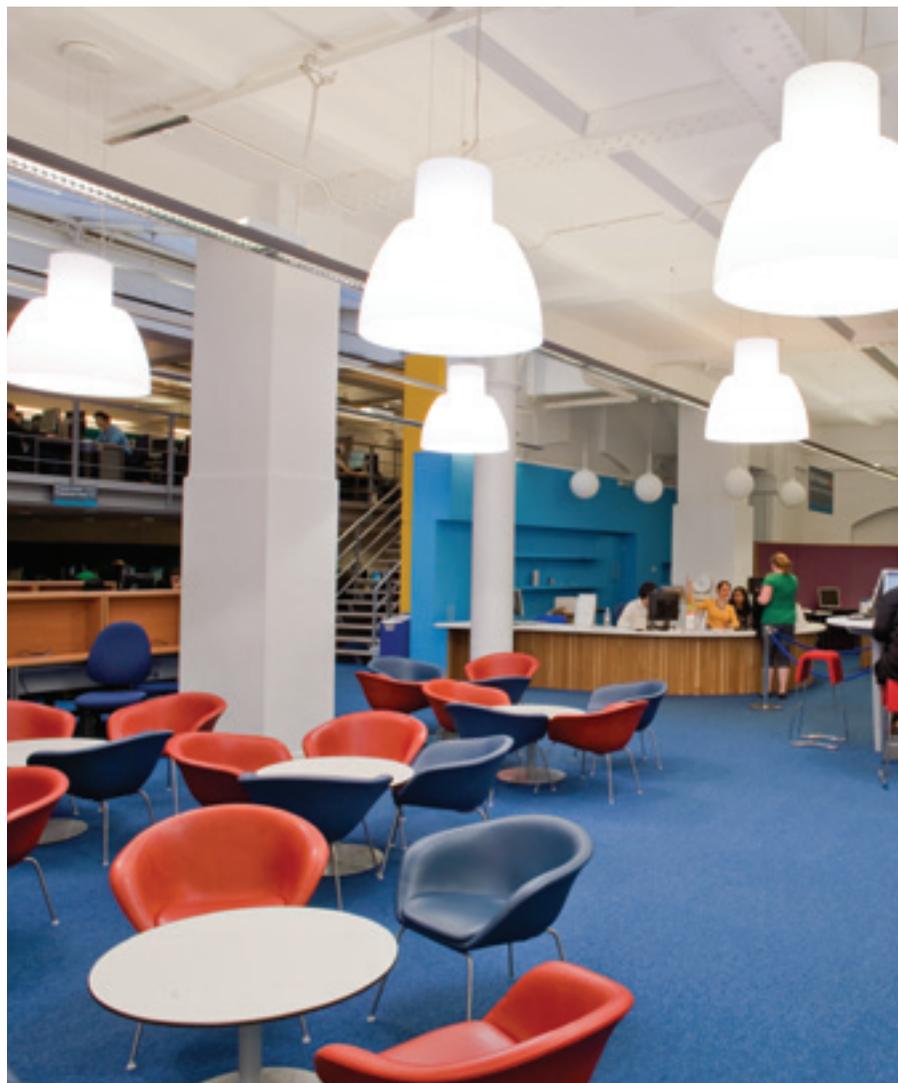
Over the past year, UCL has continued to invest considerable time and resources into its relationships with external partners. These partnerships are intended to maximise the impact of the university's research expertise.

In March 2009, UCL Partners was confirmed as one of five Academic Health Science Centres (AHSC) to be established in England. UCL Partners has brought UCL together with Great Ormond Street Hospital for Children NHS Trust, the Royal Free Hampstead NHS Trust and University College London Hospitals NHS Trust. The AHSC model enables the smooth translation of ideas from basic science into treatments for patients, and provides academic-clinical groupings that are excellently suited for international collaborations.

Fundraising and the Campaign for UCL

UCL's fundraising efforts, channelled through the Campaign for UCL, reached a 'halfway to goal' milestone this year – with total commitments now exceeding £156m towards the Campaign goal of £300m by 2014.

The total gift income generated during the year exceeded £6.15 million in 2008/2009 and income from UCL's Annual Fund, which relies on smaller gifts from UCL's alumni and friends, crossed the £500,000 level for the first time in UCL history.



UCL's Science library

Reports And Financial Statements For The Year Ended 31 July 2009

FINANCIAL HIGHLIGHTS 08/09

CONSOLIDATED INCOME & EXPENDITURE ACCOUNT	2009 £m	2008 £m
Funding Council grants	209.9	193.8
Academic fees and support grants	126.7	107.8
Research grants and contracts	248.6	211.2
Other operating income	124.0	112.3
Endowment income and interest receivable	8.2	10.7
Total income	717.4	635.8
Share of income from joint ventures	(3.7)	(0.4)
NET INCOME	713.7	635.4
TOTAL EXPENDITURE	701.9	634.8
Share of operating loss in joint ventures and associates	(0.7)	(0.6)
Profit on disposal of subsidiary	-	5.2
Profit/(loss) on disposal of tangible fixed assets	(6.1)	0.2
Profit on disposal of fixed asset investments	-	0.1
Taxation	-	-
Minority interest	-	0.5
Transfer to accumulated income within specific endowments	0.1	(0.5)
SURPLUS FOR THE YEAR	5.1	5.5
CONSOLIDATED BALANCE SHEET		
Fixed assets	599.4	581.7
Endowment asset investments	57.2	65.5
Net current assets	30.9	35.5
Total assets less current liabilities	687.5	682.7
Non-current liabilities and provisions	(80.1)	(81.5)
Provision for liabilities and charges	(1.3)	-
Pension assets/(liabilities)	(8.1)	(5.9)
TOTAL NET ASSETS	598.0	595.3
Represented by:		
Deferred grants	349.5	341.9
Endowments	57.2	65.5
Reserves	192.3	189.0
Minority interest	(1.0)	(1.1)

To read the 2008/2009 Financial Report in full, go to www.ucl.ac.uk/finance/finance_docs/report_accts.html



Professor Jennifer Robinson
(Chair of Human Geography)

UCL Chemistry

Chair of Organic Chemistry:
Professor James Anderson

UCL Institute of Child Health

Nuffield Chair of Child Health:
Professor Terence Stephenson

UCL Ear Institute

Chair of Laryngology:
Professor Martin Birchall

UCL Earth Sciences

Chair of Climate Science:
Professor Chris Rapley

UCL Economics

Chair of Macroeconomics:
Professor Morten Ravn

UCL D Epidemiology & Public Health

Chair of Health Economics:
Dr Stephen Morris

UCL of General Surgery

Chair of Cardiac Surgery:
Professor Christopher McGregor

UCL Institute for Genetics, Evolution & Environment

Chair of Statistical Genetics:
Professor David Balding

UCL Geography

Chair of Human Geography:
Professor Jennifer Robinson

Chair of Physical Geography:
Professor Chronis Tzedakis

UCL Institute of Neurology

Chair of Clinical Chemistry:
Dr Simon Heales

UCL Physics & Astronomy

Chair of Physics:
Dr Chris Pickard

UCL Institute for Women's Health

Chair of Neonatology:
Professor Neil Marlow



Dr Jon French
(Professor of Physical Geography)

UCL Institute of Archaeology

Professor of Environmental
Archaeology:
Dr Arlene Rosen

UCL Bartlett School of Planning

Professor of Housing & Planning:
Dr Nick Gallent

UCL Chemistry

Professor of Inorganic Chemistry:
Dr Claire Carmalt

UCL Institute of Child Health

Professor of Genetics
& Fetal Medicine:
Dr Lyn Chitty

Professor of Global Health:
Dr Therese Hesketh

Professor of Molecular Cardiology:
Dr Paul Riley

Professor of Paediatric &
Developmental Pathology:
Dr Neil Sebire

Professor of Cardiovascular
Imaging:
Dr Andrew Taylor

UCL Clinical, Educational & Health Psychology

Professor of Psychoanalysis:
Dr Mary Target

UCL Clinical Operational Research Unit

Professor of Operational Research:
Dr Martin Utley



Miss Jane Fenoulhet
(Professor of Modern Dutch Studies)

UCL Cognitive, Perceptual & Brain Sciences

Professor of Behavioural
Neuroscience:
Dr Kate Jeffery

UCL Computer Science

Professor of Imaging Science:
Dr Daniel Alexander

Professor of Artificial Intelligence:
Dr Anthony Hunter

Professor of Virtual Environment
& Computer Graphics:
Dr Anthony Steed

UCL Dutch

Professor of Modern Dutch
Studies:
Miss Jane Fenoulhet

UCL Earth Sciences

Professor of Mineral Physics:
Dr Lidunka Voadlo

UCL Economics

Professor of Economics:
Dr Sokbae Lee

Professor of Economics:
Dr Nicola Pavoni

Professor of Economics:
Dr Imran Rasul

UCL English Language & Literature

Professor of English:
Dr Ardis Butterfield



Dr Mark Thomas
(Professor of Evolutionary Genetics)

UCL Gatsby Computational Neuroscience Unit

Professor of Theoretical
Neuroscience:
Dr Peter Latham

UCL Genetics, Evolution & Environment

Professor of Zoology:
Dr Max Telford

Professor of Evolutionary Genetics:
Dr Mark Thomas

UCL Geography

Professor of Human Geography:
Dr Richard Dennis

Professor of Physical Geography:
Dr Jon French

Professor of Human Geography:
Dr Ann Varley

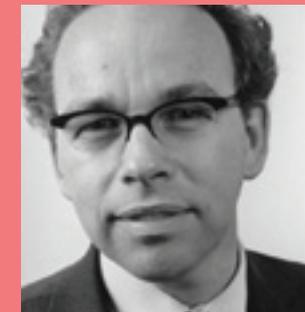
UCL Centre for Health Informatics and Multiprofessional Education

Professor of Health Informatics:
Dr Dipak Kalra

UCL Hebrew & Jewish Studies

Professor of Hebrew & Jewish
Studies:
Dr Ada Rapoport-Albert

Professor of Rabbinic Judaism:
Dr Sacha Stern



Dr Martin Widschwendter
(Professor of Women's Cancer)

UCL Immunology

Professor of Immunology:
Dr Peter Delves

Professor of Viral Immunology:
Dr Mala Maini

UCL Italian

Professor of Modern Italian:
Dr John Dickie

London Centre for Nanotechnology

Professor of Theoretical Chemistry:
Dr Angelos Michaelides

UCL Science & Innovation

Professor of Management Science
& Innovation:
Dr Bert De Reyck

UCL Medical Physics & Bioengineering

Professor of Biomedical Optics:
Dr Paul Beard

Professor of Nutritional
Biochemistry:
Dr David Bender

Professor of Incontinence
Technology:
Dr Alan Cottenden

UCL Division of Medicine

Professor of Respiratory Cell
& Molecular Biology:
Dr Rachel Chambers

UCL Laboratory for Molecular Cell Biology

Professor of Cell Biology:
Dr Alison Lloyd

UCL Institute of Neurology

Professor of Neuroscience:
Dr Linda Greensmith

Professor of Clinical Neurology:
Dr Sarah Tabrizi

UCL Oncology

Professor of Gastrointestinal
Neuroendocrinology:
Dr Martyn Caplin

Professor of Cancer Biology:
Dr Barbara Pedley

UCL Institute of Ophthalmology

Professor of Molecular Genetics:
Dr Alison Hardcastle

UCL Philosophy

Professor of Philosophy:
Dr Mark Kalderon

UCL Political Science

Professor of Political Theory:
Dr Cecile Laborde

UCL Primary Care & Population Health

Professor of Medical Statistics
& Epidemiology:
Dr Richard Morris

UCL Psychology & Language Sciences

Professor of Clinical Psychology
& Clinical Effectiveness:
Dr Stephen Pilling

UCL Space & Climate Physics

Professor of Space Astronomy:
Dr Graziella Branduardi Raymont

Wellcome Trust Centre for the History of Medicine at UCL

Professor of Jung History:
Dr Sonu Shamdasani

UCL Institute for Women's Health

Professor of Gynaecological
Cancer:
Dr Usha Menon

Professor of Women's Cancer:
Dr Martin Widschwendter



Faculty	Academic and Research Staff (as of October 2009)	Undergraduate Students (2008/09)	Graduate Students (2008/09)
UCL Arts & Humanities	180	2,034	826
UCL Biomedical Sciences	1,971	1,285	1,962
UCL Built Environment	136	678	942
UCL Engineering Sciences	391	1,451	1,181
UCL Laws	62	605	491
UCL Life Sciences	591	2,395	1,090
UCL Mathematical & Physical Sciences	445	1,833	544
UCL Social & Historical Sciences	292	2,353	1,456
Total	4,078	12,634	8,492

Members of UCL Council

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 Professor Robert Brown
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 Mr Andrew Caddy
 Lord Hart of Chilton
 Ms Philippa Foster-Back
 Professor Malcolm Grant
 Mr Rob Holden
 Mr Mark Knight
 Dr Nikos Konstantinidis
 Ms Catherine Newman
 Ms Vivienne Parry (Vice-Chair)
 Ms Katharine Roseveare
 Dr Benet Salway
 Dr Gill Samuels
 Professor Chris Thompson
 Dr Andrea Townsend-Nicholson
 Sir Stephen Wall (Chair)
 Professor Maria Wyke

Secretary to Council
 Mr Tim Perry

UCL Officers

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 Sir Stephen Wall

Vice-Chair of Council
 Ms Vivienne Parry

Treasurer
 Ms Anne Bulford

President and Provost
 Professor Malcolm Grant

Vice-Provosts

Academic and International
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Enterprise
 Professor Mike Spyer

Health
 Professor Sir John Tooke

Operations
 Mr Rex Knight

Research
 Professor David Price

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 Professor Volker Sommer

Canada, Mexico and the USA
 Professor CJ Lim

China, Hong Kong and Macau
 Professor Z Xiao Guo

East and South East Asia
 Professor Derek A Tocher

Europe
 Professor Michael Wilson

South Asia and the Middle East
 Professor Vince Emery

Special Adviser on Kazakhstan
 Professor Stefaan Simons

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Built Environment
 Professor Alan Penn

Biomedical Sciences
 Professor Ian Jacobs

Engineering Sciences
 Professor Bernard F Buxton

Laws
 Professor Dame Hazel Genn

Life Sciences (Biological and Medical)
 Professor Mary Collins

Mathematical and Physical Sciences
 Professor Richard Catlow

Social and Historical Sciences
 Professor Stephen Smith

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Academic Registrar
 Mr Christopher Hallas

Dean of Students (Academic)
 Professor Michael Ewing

Dean of Students (Welfare)
 Dr Ruth Siddall

Director of Academic Services
 Mr Tim R Perry

Director of Administration, UCL Medical School
 Mr Andrew J Whalley

Director of Centre for the Advancement of Learning & Teaching
 Ms Brigitte Picot

Director of Development & Corporate Communications
 Mr Arthur G Wasserman

Director of Estates & Facilities
 Mr J Andrew Grainger

Director of Finance
 Mrs Alison C Woodhams

Director of Human Resources
 Ms Sarah E Brant

Director of Information Services
 Mr Chris Randle

Director of Information Systems
 Mr Gavin I McLachlan

Director of Management Systems
 Dr Will Miller

Director of Media Services
 Mr Jeremy C Speller

Director of Internal Audit Services
 Mr Peter J McCarrroll

Director of Library Services
 Dr Paul Ayris

Director of Museums, Collections and Public Engagement
 Ms Sally MacDonald

Director of Research Planning
 Dr Mary E Phillips

Head of Graduate School
 Professor I David L Bogle



UCL

Review 2009

