The academic year 2003/2004 was marked by continued excellence in research, teaching and outreach, in service of humanity’s intellectual, social and technological needs.

President and Provost’s Statement
UCL is committed to using its excellence in research and teaching to enrich society’s art, intellectual, cultural, scientific, economic, environmental and medical spheres.
See page 2

Research & Teaching
UCL continued to challenge the boundaries of knowledge through its programmes of research, while ensuring that the most promising students could benefit from its intense research-led teaching environment.
See page 4

Outreach
In accordance with its founding principles, UCL continued to share the highest quality research and teaching with those who could most benefit from it, regardless of their background or circumstances.
See page 8

Achievements
UCL’s academics conducted pioneering work at the forefront of their disciplines during this year.
See page 12
The UCL Community
UCL’s staff, students, alumni and members of Council form a community which works closely together to achieve the university’s goals.
See page 18

Supporting UCL
UCL pays tribute to those individuals and organisations who have made substantial financial contributions in support of its research and teaching.
See page 22

Financial Information
UCL’s annual income has grown by almost 30 per cent in the last five years. The largest component of this income remains research grants and contracts.
See page 23

Developing UCL
With the help of its supporters, UCL is investing in facilities fit for the finest research and teaching in decades to come.
See page 24

Contacting UCL
Join the many current and former students and staff, friends, businesses, funding councils and agencies, governments, foundations, trusts and charities that are involved with UCL.
See page 25
President and Provost’s Statement

UCL is committed to using its excellence in research and teaching to enrich society’s intellectual, cultural, scientific, economic, environmental and medical spheres.

UCL’s commitment to excellence and innovation is central to this vision. It is:

• a world leader in teaching, scholarship and research across the sciences and arts, serving local, national and international needs;

• at the forefront in tackling humanity’s environmental, healthcare and communication challenges;

• an employer of high calibre staff, whose diversity and creativity it celebrates;

• true to its founders’ pioneering vision by providing educational opportunities of the highest quality to all capable of benefiting, regardless of background.

In pursuit of these objectives UCL will continue to build on partnerships with scholars around the world; with industry and the professions; with national and local governments; with other national and international academic centres of excellence (including museums, galleries, libraries and archives); and with its network of former students.
Annual reports necessarily look to the past. Yet much of what occurred during the year under review – 2003/2004, my first as President and Provost of UCL – was concerned with our university’s long-term future. It culminated in the publication of an ambitious vision for UCL: its transformation into London’s global university, both in achievement and reputation.

This vision was developed through widespread consultation on the future of UCL, and I was impressed by the depth of engagement in the process by staff, students and alumni. Valuable contributions were also made by key stakeholders in UCL, such as friends and neighbours, trusts and foundations, the media and government bodies.

In a university which cherishes its breadth and diversity, it is remarkable that such a consensus has been achieved. It is evidence of the UCL community’s desire to work together for common purpose, to focus its excellent research and teaching on addressing the world’s problems.

Work is now underway on the development of detailed strategies to help us to fulfil the vision for London’s global university. We must ensure that our teaching and research is imbued with a global perspective, promoting a sense of global citizenship, social justice and environmental responsibility. We must rally our many internationally renowned centres of excellence – such as the Bartlett School of Architecture, the Institute of Child Health, the Institute of Neurology and the Slade School of Fine Art – and engage in interdisciplinary collaboration to resolve the world’s major challenges. We must exploit the potential of our location in London, again within a global context. Finally, we must provide adequate support to the most promising students and young researchers, so that financial circumstances do not deter them from reaping the benefits of UCL’s exceptional academic environment.

Further investment in research, teaching, facilities and people is the means through which the university can shape the world of tomorrow. To this end, much effort during 2003/2004 was devoted to planning the largest-ever fundraising effort at a UK university. Advancing London’s Global University – the Campaign for UCL was launched in October 2004, aiming to raise £300 million over the next decade. It is a key mechanism to help us to diversify our sources of income and expand the network of our supporters.

The vision for UCL’s future draws on its pioneering spirit, international perspective and record of achievement over 18 decades. This is a natural extension of our contribution thus far to the world’s intellectual, cultural, scientific, economic, environmental and medical advances. It reflects the UCL community’s energy, enthusiasm and entrepreneurialism, much evidence of which you will find in this report.

Professor Malcolm Grant
President and Provost of UCL

1 January 2005
Research & Teaching

UCL continued to challenge the boundaries of knowledge through its programmes of research, while ensuring that the most promising students could benefit from its intense research-led teaching environment.

Investing in research

Through a combination of its own resources and funding from the government’s two Science Research Investment Fund (SRIF) schemes and the previous Joint Infrastructure Fund scheme, UCL is investing almost £300 million in state-of-the-art infrastructure for leading-edge research and teaching programmes. In both SRIF schemes, UCL received more funding than any other university, based on the excellence and volume of its research across all disciplines.

This building and refurbishment programme is enabling UCL to improve its research infrastructure and develop new capabilities in emerging disciplines and interdisciplinary collaboration. Major projects completed this year include; the new Andrew Huxley Building for cellular and molecular neuroscience; refurbishment in the Engineering Building for communications and optical networks science; and new research laboratories for neurodegenerative diseases in UCL’s Institute of Neurology. Projects under construction include new buildings for UCL’s School of Slavonic & East European Studies, Centre for Auditory Research and the London Centre for Nanotechnology, a joint venture with Imperial College London.

UCL’s leading position has helped to garner high levels of funding. The Department of Health allocated £1.225 million to UCL – more than a quarter of the new funding for gene therapy – to support the work of three leading researchers. Professor Robin Ali (Institute of Ophthalmology and Institute of Child Health) received £900,000 to further his research into an inherited form of child blindness. Dr Amit Nathwani (Haematology) was awarded £200,000 to develop safe gene therapy methods of treating liver diseases, while Professor Mary Collins (Immunology & Molecular Pathology) was allocated £125,000 to pursue research to help develop safe, specially engineered viruses for use in gene therapy trials.

UCL’s 5, 5* and ‘best 5*’ departments

Anatomy & Developmental Biology  
Anthropology  
Institute of Archaeology  
Biochemical Engineering  
Biochemistry & Molecular Biology  
Biology  
Chemical Engineering  
Chemistry  
Institute of Child Health  
Civil & Environmental Engineering  
Clinical Neurosciences  
Computer Science  
Dutch  
Earth Sciences  
Eastman Dental Institute  
Economics  
Electronic & Electrical Engineering  
English Language & Literature  
French  
Geography  
German  
Greek & Latin  
Haematology  
Histopathology  
History  
History of Art  
Human Communication Science  
Immunology & Molecular Pathology  
Infection  
Italian  
Institute of Laryngology & Otology  
Laws  
Mathematics  
Mechanical Engineering  
Medical Physics & Bioengineering  
Medicine  
Institute of Neurology  
Institute of Nuclear Medicine  
Obstetrics & Gynaecology  
Oncology  
Institute of Ophthalmology  
Institute of Orthopaedics & Musculoskeletal Science  
Paediatrics & Child Health  
Pharmacology  
Philosophy  
Phonetics & Linguistics  
Physics & Astronomy  
Psychology  
Scandinavian Studies  
Science & Technology Studies  
Slade School of Fine Art  
School of Slavonic & East European Studies  
Space & Climate Physics  
Statistical Science  
Surgery  
Institute of Urology & Nephrology  
Reta Lila Weston Institute of Neurological Studies  
Wolfson Institute for Biomedical Research  

Research & Teaching UCL continued to challenge the boundaries of knowledge through its programmes of research, while ensuring that the most promising students could benefit from its intense research-led teaching environment.
Foremost among the more than 90 UCL projects awarded funding by the EU Framework Programme Six (FP6) is Eurolimpacs, to be coordinated by UCL's Environmental Change Research Centre. One of the first large integrated projects funded under FP6, the project has a budget of $12.5 million and includes 37 partners from 17 European countries, plus Canada and Russia. It is concerned with how climate change might alter the structure and functioning of freshwater ecosystems in the future.

UCL also attracted high levels of funding in the Arts & Humanities Research Board Awards, gaining almost £700,000 for 12 projects, ranging from Taxation and the French Revolution to The Written Text in Ancient Egypt.

Research ethics
Established by the UCL Graduate School in 2003, the Committee for the Ethics of Non-NHS Human Research continued the drive to promote research excellence and good practice. Meeting six times in 2003/2004, the committee reviewed 69 proposals for research dealing with human subjects or tissues. It was established to meet the requirements of research funders; contribute towards research excellence at UCL; deal with all non-NHS human research applications; review proposals for research on human subjects or tissues to be conducted on UCL premises or by UCL staff, or by students under the supervision of staff; and provide guidance to ensure that research is conducted safely, with considered consent and respect for autonomy and privacy of participants. Chaired by Sir John Birch, a member of UCL Council, the committee includes five lay members, who are mostly former UCL students representing a spectrum of experience, culture and age, and five UCL academic staff covering broad areas of expertise.

UCL has been recognised as a leader in many areas of research over the past year. Analysis of scientific data from the Institute of Scientific Information (ISI) revealed UCL as the top UK centre for scientific research and equal for eighth place in the world. The data identified the major world centres of scientific research based on the location of highly cited individuals. The Bartlett School of Architecture was named the UK’s best architecture school in a survey of architectural firms published in the Architects’ Journal, the leading weekly magazine for the architectural profession.
New programmes of study
Continuing its tradition of providing high-quality teaching at the forefront of a wide range of emerging disciplines, UCL introduced 30 new study programmes. Developed in response to society’s changing needs, these programmes included the MA in European Thought, the MSc in Development & Planning Studies: Strategic Planning & Regional Development, the intercalated BSc in Medical Humanities and the MSc in International Public Policy.

International opportunities
The number of UCL students studying overseas and the number of departments offering study-abroad placements continued to grow. New study-abroad programmes were established in the departments of Chemistry, Earth Sciences, French, History, Italian, Laws and Statistical Science.

The bursary scheme supported by the Study Abroad Office and the UCL Friends’ Trust continued to provide a valuable source of additional financial support for UCL students who wish to undertake a study-abroad placement; Study Abroad Bursaries were awarded to 40 people.

New student-exchange agreements were established with the University of Massachusetts, Amherst (Linguistics) and the University of Americas, Puebla (Spanish & Latin American Studies).

Professor Wendy Davies, UCL’s Pro-Provost for European Affairs, was the university’s lead representative on the Bologna Process, which aims to introduce common standards in European higher education and the qualifications it offers, to promote cooperation among European universities and their international competitiveness. In addition to representing UCL, Professor Davies also represented UK higher education through a series of talks on European issues related to the Bologna process.

Professor Davies helped prepare UCL’s top-rated application to the European Commission’s new Erasmus Mundus scheme, which gained funding for a new European Master of Science Programme in International Health at UCL’s Institute of Child Health.

Supporting students
Through the generosity of alumni, staff and friends giving through the UCL Friends Programme, the UCL Graduate School provided seven additional Graduate School Master’s UK/EU Scholarships. Universities UK Overseas Research Scholarships were given to 47 graduate students, with UCL making up the shortfall in the amount needed by overseas students to cover the difference between UK/EU and overseas fees.

The UCL Graduate School made 826 awards from its Research Projects Fund, Graduate Student Conference Fund and Staff Conference Fund, to support activities such as interdisciplinary seminars and workshops, research project travel and fieldwork expenses, and conference attendance and presentation for students and staff.

The third annual UCL Skills4Work programme gave more than 600 UCL students the opportunity to hear from successful professionals, attend skills workshops hosted by leading graduate employers and network with alumni. The programme, organised jointly by UCL Careers Service and UCL Union, covered a range of skills with generic interview, teamwork and CV workshops, to specific business games and case studies. The programme comprised regular weekly afternoon sessions throughout the autumn and spring terms, and two major days featuring City careers, and media and creative careers. Employers involved included the BBC, Goldman Sachs, McKinsey & Company and The Guardian.

Enhancing learning
The fourth biennial internal conference in the Teaching & Learning at UCL series, organised by UCL’s Education & Information Support Division, took place, with 57 contributors to the programme, 47 exhibitors and 201 registered attendees.

RoamNet, a service providing secure connection of users’ own laptops to the UCL network, was successfully piloted during 2003/2004, providing wireless and wired connections in DMS Watson Library, the Jeremy Bentham Room, the Bartlett School library, the Old Refectory and the North Cloisters. The service has since been extended to many more locations, the eventual objective being UCL-wide coverage.
The Learning Technologies Support Service (LTSS) developed training courses in the use of software for computer-aided assessment including QuestionMark Perception, which is being piloted at UCL. The LTSS also organised a WebCT Week of intensive training which was attended by 43 staff and received very positive feedback. Funding for an additional post in the LTSS has been secured from UCL’s share of the national Teaching Quality Enhancement Fund.

Both the Chu family and the Li family again each provided funding for a UCL/China Law Scholarship and a UCL/China Graduate Scholarship, focusing on the areas of archaeology, clinical sciences, biology, computer science, mathematics, biochemistry, biochemical engineering and geological sciences. The Chu and Li UCL/China Scholarships are open to exceptional students from the People’s Republic of China (excluding Hong Kong), wishing to complete a masters degree at UCL. In 2003/2004 UCL welcomed the first two scholarship holders under the CSC/UCL/FCO Chevening scheme. The scheme is jointly funded by the China Scholarships Council, UCL and the Foreign & Commonwealth Office and allows up to nine Chinese graduates to pursue a masters degree in public policy.

In 2003/2004, UCL’s Entrance Scholarships Office administered funding of over £3 million for a total of 573 new and continuing scholarship holders from 70 countries worldwide. The office also handled US$3.5 million worth of US loans applications.

Supporting graduate study

In 2003/2004 the UCL Graduate School introduced ways to enhance its Skills Development Programme to comply with the Research Councils’ stipulation that all Research Council-funded students should take part in two weeks of skills training per year to enhance their generic research skills and personal transferable skills. The UCL Graduate School convened a training board to implement UCL’s compliance with the new requirements and to distribute the additional funding provided by the Research Councils. A Skills Courses Administrator was appointed and in collaboration with departments, a new Skills Development Programme website was set up for 2004/2005 offering a greatly expanded skills training programme and a new registration and points system to monitor student uptake. The number of courses and workshops offered in 2003/2004 also increased to include courses and workshops ranging from Career Planning & Management for PhD Students to Entrepreneurship Development, and Facilitation Skills for Small Group Teaching to Ethics & Science and Personal Organisation.

In 2003/2004 23 academic departments piloted the E-Log, an online version of the Research Student Log, which documents academic progression and skills development training. It records the completion of key stages in graduate study, including supervisory meetings, the development of key skills and self-evaluation. It helps to ensure that graduate students are able to make the most of UCL’s research-led teaching environment, with students learning from academics at the cutting edge of their specialist fields. Additionally, the innovative Research Student Log was sold to four other higher education institutions, while marketing of the E-Log is also being investigated.
Outreach In accordance with its founding principles, UCL continued to share the highest quality research and teaching with those who could most benefit from it, regardless of their background or circumstances.

Open events
A series of events continued to involve the general public with the UCL community and its activities. Lunch Hour Lectures, held during term-time, provided a public forum to hear academics at the forefront of their fields discuss their work and how it relates to the wider environment. Lectures ranged from Beyond the Genome: Animating the Book of Life to Arthritis: Time to Inject a Dose of Common Sense, and Sir Francis Galton: His Work and His Collection to The State of the Future: Electronic Government in the 21st Century.

The diversity of Inaugural Lectures, given by newly appointed or promoted professors, reflected the breadth of academic endeavour at UCL. This year they ranged from Company Law and Capital Markets Law – Taking Stock of European Integration to Evolution in the Ice Age, and from César Vallejo’s Masks to The Impact of an Ageing Population on the NHS.

Nobel Laureate Professor Sydney Brenner delivered the UCL Prize Lecture in Clinical Science. Humanity’s Genes was a riveting exploration of current approaches to exploitation of our knowledge of the human genome, and future directions in research and social intervention.

Widening participation
UCL’s Widening Participation Strategy aims to raise awareness of higher education to underrepresented groups, to increase the number of these students enrolled on programmes at the university and to maintain the excellent progression of those students at UCL.

Projects underway as part of the strategy include summer schools, masterclasses, theatre workshops, and student ambassador and mentoring projects. The activities address students from low-participation neighbourhoods, mature students, students with disabilities, ethnic minority students, students from state schools and colleges, and students from disadvantaged socio-economic groups.
This year saw a consolidation of widening participation programmes, building on the achievements of the two years since the establishment of UCL’s Widening Participation Unit. In 2003/2004 a student-led initiative to widen participation in UCL’s Medical School began. This initiative had three facets: Medical Event Days for Inner City Schools (MEDICS); Student-Led Afternoon of Medicine (SLAM) and Nervous? UCL Effective Interviews (NUCLEI). Two MEDICS were held, which included activity sessions, advice on making a successful application for medicine and a scripted staff versus students game. SLAM involved 10 UCL medical students visiting year 9 students at local schools, where the students took part in four medical activities including learning sign language and taking blood pressure, and quizzed UCL students about studying medicine and life at the university. NUCLEI allowed groups of year 12 students to visit UCL where they were given a presentation about UCL and its medical school, told how to make an effective UCAS application and given information about the selection interviews. The two-hour sessions were kept informal and lighthearted and were entirely student-led.

Volunteering
In its second year UCL’s Voluntary Services Unit increased the number of students and staff involved in voluntary work; 244 volunteers gave more than 5,500 hours of their time to the local community. A wide range of projects were on offer, including activities in homeless shelters, youth projects, social policy research and work with the elderly. The year saw the establishment of ten different student-run projects, including a programme for young refugees and a conservation group. The unit also launched the UCL Volunteer Personal Development Award, an accreditation programme aimed at helping students identify the skills and experiences they gain as volunteers.

UCL Museums & Collections:
Anthropological Collections (Bioanthropology & Ethnography)
Art Collections
Galton Collection
Geological Sciences Collections
Grant Museum of Zoology & Comparative Anatomy
Institute of Archaeology Collections
Medical Collections (Histopathology & Anatomy)
Petrie Museum of Egyptian Archaeology
Science Collections:
– Chemistry
– Physics
– Physiology
– Electronic & Electrical Engineering
– Geomatic Engineering
– Medical Physics

The Panopticon
The Panopticon project – to build a new eastern entrance to UCL showcasing the best of the university’s collections, along with lecture theatres, study spaces and café – proceeded to the detailed design stage. In the course of the year, the UCL Art Collections were included in the revised designs. Detailed work on business planning was undertaken, including consultation with local communities, and a website produced. It now remains to raise the necessary partnership funding following a grant by the Heritage Lottery Fund in order to realise the project.

Outreach and education
Over the course of the year nearly 2,000 school and college students had the opportunity to view and handle UCL’s collections through outreach sessions in London schools – many of them using ‘loan boxes’ featuring original objects – or through visits to the campus. This work is undertaken within the Widening Participation framework, to introduce students to the idea of higher education. Large numbers also participated in various summer schools and masterclasses based on UCL’s collections.

Museums and collections
UCL’s Grant Museum of Zoology & Comparative Anatomy made a successful bid for Arts & Humanities Research Board Special Project Funding of £25,000 to employ a conservation assistant for 12 months from April 2004 to complete the re-spiriting of the collection.
The project to restore UCL’s Flaxman Gallery to its former glory concluded with the completion of the restoration work and the production of a new colour leaflet.

Dr Nick Merriman, Curator of UCL’s Museums & Collections, was awarded a Clore Leadership Fellowship, aimed at developing leadership in the arts and cultural sector. It consists of a bespoke programme of training and development. He was one of only 26 fellows in this first year of the scheme, chosen from among more than 450 applicants.

UCL was one of the most prominent organisations at the Museums Association conference in Brighton from in October 2003. Members of UCL staff gave several presentations, and organised and chaired several sessions. Feedback was very positive, and national museums sought advice, for example, on how to undertake outreach and community work.

Digital developments
Digital Egypt for Universities, the multidisciplinary teaching and learning resource based on the Petrie Museum of Egyptian Archaeology’s collections, a collaboration between the UCL’s Institute of Archaeology and Centre for Advanced Spatial Analysis (CASA), was completed. This project was managed by Dr Stephen Quirke (Institute of Archaeology) and undertaken by Dr Wolfram Grajetzki (CASA) and Mr Narushige Shiode (Bartlett School). The top layers of the site are being translated into Arabic and Spanish with the help of Dr Okasha El-Daly (Institute of Archaeology) and Isabel Perez-Acino.

Conservation
Funding of £106,000 from the third round of Designation Challenge Funding enabled the Petrie Museum of Egyptian Archaeology to appoint two conservators, Mr Ivor Pridden and Ms Susanna Pancaldo, to undertake the cleaning and repacking of the museum’s stored collections. This is both an important preventative conservation measure and the basis of visible storage in the Panopticon; investigating labelling of visible storage will form part of the project.

Temporary exhibitions
The Autumn exhibition in UCL’s Strang Print Room was Paper Cities: Topography and Imagination in Urban Europe c.1490–1780 and had an accompanying catalogue. It showed a variety of representations of the city.

The student exhibition The Hero at Home in France: Lithographs by Nicolas Toussaint Charlet opened May 2004. It examined Charlet’s representations of the impact of Napoleonic rule on ordinary soldiers, from dramatic representations of Napoleonic campaigns to images of impoverished veterans living under the Restoration in the context of artistic production and politics in early 19th-century France. It was accompanied by a catalogue with essays.

As in previous years, Museum Studies students produced two professional-quality displays: Portraits of Innovation: The Human Face of UCL’s Collections and Portraits of Innovation: The Human Face of UCL’s Collections in the North Cloisters and Through Ancient Eyes: Art and Image in the Ancient World in UCL’s Institute of Archaeology.

Developing enterprise
UCL Business provides the vital link between academic research and the business community. It offers proven expertise, training courses, and cutting-edge technology and inventions to companies of all sizes, generating profit and enhancing the reputation of the university. UCL Business is also responsible for creating and guiding spin-outs – companies created solely to focus on promoting and licensing exciting new technology and medical advances. In 2003/2004 UCL BioMedica, responsible for the commercialisation of the bioscience research base at UCL, expanded its operations and staff numbers.

A UCL spin-out, Ark Therapeutics, was successfully launched on the stock market. The company, founded by Professor John Martin (Centre for Cardiovascular Biology & Medicine), achieved a Stock Exchange value of £170 million. The company produces treatments that target vascular disease and cancer, including Trinam, a therapy for narrowed blood vessels, and Cerepro, a
therapy for brain tumours. Both these drugs were awarded Orphan Drug Status by the US Food & Drug Administration and the European Agency for the Evaluation of Medicinal Products – recognition of their potentially life-saving properties. Starting from an initial idea in 1997, Ark Therapeutics is a prime example of the speed with which spin-out companies can grow with the right ideas and talent.

UCL Consultants continued to provide the services and expertise of UCL’s academics for the business community, including a number of high profile and prestigious projects. A team at UCL’s Mullard Space Science Laboratory has been awarded a contract from the European Space Agency (ESA) to build a demonstration focal plane assembly, to accelerate development of instrumentation for future space astronomy satellites. The project follows on from a successful subcontract from Alcatel in Cannes for a planned ESA mission called Eddington, to study the interior of stars and search for habitable, Earth-like planets.

The work of the UCL Business Development group continued to establish many new lines of business, including the delivery of a bespoke MSc in Systems Engineering for BAE Systems and the collaboration with Shell on a range of MSc engineering modules. The London Centre for Nanotechnology (a joint research collaboration with Imperial College) is in the final stages of securing a £10 million world-class Bio-Nano Centre in the heart of London. Other Business Development activity included securing a business partnership agreement with British Telecom to strengthen its research relationship and promote UCL’s Adastral Park research endeavours. Success has also been achieved in the arts and humanities, with the UCL Language Centre developing and testing a unique language solution to aid a major international energy producer in overcoming the challenge of bilingual communication.

Publishing
The recently relaunched UCL Press, a joint initiative with Cavendish Publishing, published its first series of books in August/September 2003. *Encounters with Ancient Egypt*, an eight book run, addresses criticism that Egyptology is too insular and theoretically underdeveloped, by employing an interdisciplinary approach. The series editor, Professor Peter Ucko, Director of UCL’s Institute of Archaeology, said: “The books interrelate, inform and illuminate one another and will appeal to a wide market, including academics, students and the general public interested in archaeology, Egyptology, anthropology, architecture, design and history.”

Medical humanities
UCL’s Centre for Medical Humanities has launched an innovative new programme to help improve doctor–patient relations. The project involves the Emmy Award-winning film *Wit*, which tells the story of a woman dying of ovarian cancer. It is being shown to all new medical students as part of their introductory week. A series of group discussions chaired by surgeons and cancer specialists follow the screenings to encourage students to discuss their concerns and raise awareness about caring for those who are dying. Dr Deborah Kirklin, the centre’s director said: “By asking these young, idealistic students to think about the way ‘illness’ impacts on all those affected by it we hope to shape the way the next generation of doctors think about their role.”

Iraqi medical training
Eastman Dental Institute delegates collaborated in a seminar – in Jordan – to update Iraqi doctors and senior nurses on advances in the management of head and neck cancer. In the immediate post Iraq war period, consultation with British experts working in Iraq to rebuild medical services revealed that over the previous decade, clinical, surgical and nursing staff had effectively been cut off from the rest of the world in their work. The seminar programme aimed to redress the situation by delivering the latest research findings and modern treatment protocols for the management of head and neck cancer patients.
Experts at UCL have verified the authenticity of a Vermeer painting previously considered to be a forgery. Following ten years of painstaking research by Ms Libby Sheldon (History of Art) Young Woman Seated at the Virginals was sold at auction at Sotheby’s in July 2004 for £16,245,600. By analysing the canvas and pigments used in the painting using advanced scientific techniques, Ms Sheldon was able to show it was not a fake. Young Woman Seated at the Virginals is the only Vermeer painting to be sold at auction in the last 80 years.

Dr Mukulika Banerjee and Professor Daniel Miller (Anthropology) published a book called The Sari. The book explores the beauty and adaptability of India’s most iconic garment, conveying the lives of contemporary Indian women. With topics ranging from poverty to rationality, The Sari is a highly original contribution to writing about the intimate aspects of wearing clothes, presenting academic research in a way that is accessible to a broad audience.

UCL’s Jill Dando Institute of Crime Science hosted the second National Crime Mapping conference. The conference is the UK’s primary event for those interested in and involved with crime mapping as a tool to support crime reduction and law enforcement, attracting police officers, crime and intelligence analysts, policing and crime reduction policy professionals, researchers and technology developers. Sponsored by the Home Office, the event showcased new techniques for supporting information analysis, as well as pioneering research into geographical crime analysis.

A study led by Professor Tadj Oreszczyn (Bartlett School) developed a technique that can control the level of dust mites in the home, which can cause asthma and other allergies. It is estimated that the UK spends £700 million on combating dust mites annually. Mite numbers are heavily affected by environmental conditions within the home, especially heating, humidity and ventilation variations. The project, funded by the Engineering & Physical Sciences Research Council resulted in a computer model that can assess how modifying a particular domestic environment can reduce the dust mite population.
Major advances in alleviating millions of men from the discomfort of benign prostatic hyperplasia (BPH) are promised by the results of a research collaboration between UCL’s Wolfson Institute for Biomedical Research (WIBR) and the Institute of Urology & Nephrology. The team, led by Dr Selim Cellek (WIBR), developed a new drug that inhibits the enzyme Rho-associated kinase. BPH currently affects 85 per cent of men over the age of 50 and causes frequent urination and irritation due to the obstruction of urine flow. Current treatments either relax or reduce the size of the prostate, with unwelcome hormonal effects, but the Rho-associated kinase inhibitor both relaxes and reduces the gland in one treatment, without causing these side effects.

Professor Sir Michael Marmot (Epidemiology & Public Health) demonstrated how your place in the social hierarchy affects your health in a brilliant and unsettling new book. *Status Syndrome* shows that it isn’t just absolute material wealth that counts; your social standing compared to your peers is a key determinant of how long and healthy your life will be. *Status Syndrome* spans 30 years of research, including the Whitehall studies, which charted gaping differences in the health of employees in different grades of the British civil service. Although there were no extremes of rich and poor among civil servants in the studies, it was found that men aged 40–64 at the bottom of the Whitehall office hierarchy had four times the risk of death compared with administrators of this age at the top of the hierarchy.

A new project, initiated by Dr Andrew Faulkner, may revolutionise telephone use for people with severe hearing difficulties. SYNFACE, which implies synthetic face, is a joint initiative between UCL’s Department of Phonetics and Linguistics and a number of research groups in The Netherlands, Sweden and the UK. Using automatic speech recognition (ASR) technology, an animated talking head displays the lip movements of the speaker at the other end of the phone. This ensures that people with hearing difficulties can see the virtual face of the person they are talking to, just as in face-to-face conversation.

With the support of a grant from the Engineering & Physical Sciences Research Council, Professor Robert Brown, Mrs Sally Brown and Dr Vivek Mudera (Centre for Tissue Regeneration Science) visited tissue engineering centres throughout Japan. Their visit unearthed many opportunities for fruitful collaboration with Japanese universities in funding, networking and research. The UCL team run the British Tissue Engineering Network (BRITE Net) and their expertise in establishing networks was especially welcome in Japan.

Professor Alimuddin Zumla (Centre for Infectious Diseases & International Health) and team developed filter paper-based tests to monitor the effectiveness of antiretroviral HIV drugs and levels of immune-suppression at a fraction of the cost of current testing methods. Patients in developing countries often miss out on essential blood-cell CD4 count (immune cells) and HIV viral load levels monitoring, because these tests use costly analytical machines which require fresh, or frozen blood samples. Professor Zumla’s newer approach to these tests could offer a much-needed cheaper and field-friendly alternative, since it requires just a spot of the patient’s dried blood on filter paper to transport the sample for measuring CD4 and HIV viral load levels. If HIV viral load levels are high, it is a sign that the HIV drugs are not working effectively and the patient needs modified treatment. If the CD4 counts are low it indicates that the patient requires antiviral treatment.
Mr Mohammed Keshtgar with his colleagues at the Department of Surgery developed a new training course in a technique that will significantly improve breast cancer management in the UK. The course teaches sentinel node biopsy for breast cancer, which involves identifying the first lymph gland that breast cancer would spread to, and removing the gland for examination by a pathologist. If no tumour is found, patients can avoid an unnecessary operation to remove all of the lymph glands under the arm, which is painful and has a long recovery time.

Professor Martin Orrell and Dr Geraldine Hancock (Mental Health Sciences) developed a new system for assessing the needs of older people with dementia. The system, known as the Camberwell Assessment of Need for the Elderly (CANE) targets 24 areas of potential need in older people with dementia. Recommended by the Department of Health for the single assessment process introduced in the National Service Framework for Older People, it provides a comprehensive and holistic means of measuring the physical, social, psychological and environmental needs of older people. The CANE was developed in response to research showing how the assessment of individual needs corresponded strongly with an older individual’s health and quality of life.

The School of Slavonic & East European Studies (SSEES) hosted a symposium on the implications of the Baltic states joining the European Union. The event was held on the eve of accession to the EU for the ten countries that are joining the 15 current Member States. Estonia, Latvia and Lithuania are among those countries, and were represented by high profile experts from SSEES, the Foreign & Commonwealth Office and representatives from the worlds of economics, manufacturing and academia in the Baltic states. The topics of politics, economics and education and culture were discussed, followed by a round-table panel discussion chaired by Professor George Kolankiewicz, Director of SSEES.

A new study at the Department of Anthropology has started to throw more light on the origins of our ape relatives and earliest ancestors. Dr Charles Lockwood developed a new application for a methodology – known as geometric morphometric analysis – and tested it using the shape of human and ape temporal bones. The method allows for the comparison of 22 ‘landmarks’ which are like points on a three-dimensional map of the bone, to arrive at clear evolutionary relationships. To date, the results have agreed with genetic studies of human and ape evolutionary history, which points to the closer relationship of humans with chimpanzees, as well as illustrating the rich diversity among African ape populations.

UCL’s Centre for Sustainable Heritage launched an innovative web-based tool for assessing air pollution in buildings. The ‘Innovative Modelling of Museum Pollution and Conservation Thresholds’ (IMPACT) tool enables museums, galleries, archives and libraries to assess their collection’s susceptibility to pollution. The end-user simply enters relevant data – such as the size of a room, whether it is made of brick or glass or if it is carpeted or uses a hardwood floor – and then factors in the environmental conditions such as ambient temperature and humidity. Once these details have been analysed the programme calculates the extent to which artefacts are at risk from air pollution. The programme is free to use and offers conservators a cost-effective and immediate way of carrying out risk assessments on their collections.
An online drought monitor developed by Dr Mark Saunders (Benfield Hazard Research Centre) could save lives throughout the world. The Global Drought Monitor will enable humanitarian aid agencies to plan their resources by providing information about a drought’s geographic scale, its intensity and the number of people affected. Dr Saunders has also led the development of other hazard-tracking tools, including EuroTempest, an online tool to forecast winter windstorms and their costs across the UK and western Europe, and Tropical Storm Risk (TSR), which provides innovative forecasts of tropical storms throughout the world to help risk awareness and decision-making by industry, government and society. TSR won the 2004 London Market Innovation of the Year Award at the British Insurance Awards.

Professor Adrian Lister (Biology) the UK’s leading expert on mammoths, was called upon to examine a mammoth skull, discovered in a Gloucestershire gravel pit. The complete skull is only one of two to be discovered on British soil, the other of which was found in Ilford, Essex in 1860. Professor Lister ran a series of tests on the skull to determine the specimen’s geological age.

UCL’s Accessibility Research Group, headed by Professor Nick Tyler (Civil & Environmental Engineering) was awarded a £2 million grant over three years to create a new laboratory for investigating issues related to pedestrians and the pedestrian environment. The Pedestrian Accessibility and Movement Laboratory (PAMELA) will have an area of almost 150 square metres, and will include provision for different surfaces and surface profiles, obstacles, lighting and background noise conditions. These will be tested by a wide range of people – including those with various disabilities – to learn how pedestrian interactions affect their ability to move around the public realm. The project will help in the search for methods to evaluate accessibility, eventually leading to recommendations for improving the design of pedestrian areas.

A team of researchers at UCL’s Institute of Child Health has been awarded further funding for a study on mother-to-child transmission of HIV. The European Collaborative Study (ECS) is led by Marie-Louise Newell, Professor of Paediatric Epidemiology. The ECS began in response to the worldwide AIDS epidemic in the 1980s, when it was assumed that rates of mother-to-child infection were extremely high. The study aims to estimate the rate of transmission as well as promote international cooperation in the fight against AIDS, and will examine a number of factors including monitoring the use and efficacy of interventions aimed at reducing the risk of mother-to-child infection.

The UCL-led British Regional Heart Study won the BUPA Foundation Epidemiology Award. Led by Mr Jonathan Emberson (Primary Care & Population Sciences) the study examined the effect that different approaches to the primary prevention of coronary heart disease (CHD) could have on the incidence of the disease. CHD is the nation’s number one killer, costing the NHS £1.73 billion annually. The study examined how changes across the whole population in cholesterol and blood pressure – two of the most common risk factors of CHD – could have been the number of CHD cases across the UK. It was found that if average blood pressure and cholesterol had been just five per cent lower, a quarter of the cases of CHD occurring would have been prevented.
The Centre for Advanced Spatial Analysis and Department of Geography were awarded a Knowledge Transfer Partnership to work with Camden Primary Care Trust. Led by Professor Paul Longley (Geography) the project will develop postcode-level health profiles of Camden’s population to enable health professionals to target specific groups according to their needs. CASA’s expertise in geographic information systems will be used to map and profile the many disparate elements influencing health, including socio-economic and lifestyle factors in the London Borough of Camden, which has great inequalities in health.

A radical new art gallery designed by the Bartlett School’s Professor Peter Cook and Professor Colin Fournier opened in Graz to coincide with the Austrian town’s status as the 2003 Cultural Capital of Europe. The Kunsthaus, dubbed the ‘friendly alien’ by Professor Fournier, resembles a giant, irregularly shaped droplet clad in blue plexiglass. Its biomorphic form sits among the historic, densely packed streets of the city, which was designated a World Heritage Site in 1999. The Kunsthaus Graz doesn’t have a permanent collection and was developed instead to house international exhibitions of contemporary and modern art. The first exhibition, Einbildung–Perception in Art, included work by Bridget Riley, Max Neuhaus and Elsworth Kelly.

Research led by Professor Benjamin Heydecker (Centre for Transport Studies) has shown there has been a 40 per cent reduction in the number of people killed or seriously injured at sites where safety cameras have been in operation during the last three years. The report, commissioned by the Department for Transport, showed vehicle speeds were also down. The figures demonstrate that when cameras were introduced to a location, cars breaking the speed limit fell by an average of 32 per cent, and overall the proportion of cars travelling at more than 15mph over the speed limit fell by 80 per cent at fixed camera sites, and 28 per cent at mobile camera sites.

Research by UCL’s Institute of Archaeology has shown that the work of 16th-century alchemists may have been more practical than magical. Under the supervision of Professor Thilo Rehren and Dr Bill Sillar, PhD student Mr Marcos Martín-Torres completed the first scientific analysis of an alchemist’s laboratory and demonstrated that Renaissance alchemy was a hi-tech, highly skilled science. The researchers used 21st-century technology, such as optical microscopy scanning, electron microscopy and X-ray fluorescence to determine the extent of 16th-century technology.

UCL researchers have found that maternal and romantic love activate the same areas of the brain, demonstrating that both emotions share a common biological function – to maintain emotional bonds – therefore improving the chances of a species’ survival. Dr Andreas Bartels and Professor Semir Zeki, of UCL’s Laboratory for Neurobiology (Wellcome Department of Imaging Neuroscience) used functional magnetic resonance imaging techniques to identify the regions of the brain that are activated by maternal love. 20 young mothers were shown photos, of their own children, children they were acquainted with, and friends and family, while they were scanned.

UCL’s Environment Institute hosted a workshop, entitled ’Eco-Efficient Innovations as an Opportunity for a Competitive Environment.’ The workshop was attended by representatatives from business, government and knowledge institutes, who are actively involved in the development, dissemination and market introduction of eco-efficient innovations.
At the 2003 Medical Innovation Awards, a team led by Professor Gordon Blunn (Institute of Orthopaedics) won the Best Innovation to Improve Child Health category for his ingenious growing prosthesis. Young children with a bone tumour are given an extending prosthesis, which grows with the child, but up until now, the prosthesis has had to be extended surgically. The new device is a telescopic implant that can be extended non-invasively. Dr David Becker (Anatomy & Developmental Biology) won Best Biotechnology Start-Up Innovation for his topical gel Nexagon, which dramatically accelerates wound healing, making it ideal for treating stubborn chronic wounds that can otherwise persist for months or even years.

A virtual reality map of London is being developed by researchers from UCL’s Centre for Advanced Spatial Analysis (CASA). The project, funded by the Greater London Authority and led by Dr Andrew Hudson-Smith and Mr Steve Evans, will ultimately result in a three-dimensional digital map of the whole of London. The 3D map will provide Londoners with information about the impact of planning initiatives, and encourage tourism by providing detailed information about sites of interest.

A study led by Professor Tony Segal (Centre for Molecular Medicine) controversially challenge the long-accepted theory that oxygen free radicals are a major factor in many diseases, including arthritis. The study showed that the basic theory underlying the toxicity of oxygen radicals is flawed, which may mean that millions of pounds invested by pharmaceutical industries and years of medical research have been ill spent.

Professor Steffen Huck (Centre for Economic Learning & Social Evolution) studied the effectiveness of the feedback mechanisms used by trading website eBay. Most economic exchanges rely on the principle of trust, and the study showed that the feedback structure used by eBay, where traders can rate their trading partners as positive, neutral or negative, led to greater trust among buyers and sellers.

Dr Louise Harra (Mullard Space Science Laboratory) was awarded a Philip Leverhulme Prize. One of five young scientists to receive an award in the Astronomy & Astrophysics category, Dr Harra’s research focuses on solar physics and has used observations from space satellites to shed new light on the Sun’s outer atmosphere.

A £109,000 grant from the Dunhill Medical Trust has enabled the Incontinence Technology group, led by Dr Alan Cottenden (Medical Physics & Bioengineering) to fully equip their Continence Technology Laboratory. The majority of the group’s work focuses around incontinence pads and appliances; they already hold around 20 patents and have successfully designed their own products.

Professor Roger Mackett of UCL’s Centre for Transport Studies led a study into the impact of increases in car use on children’s levels of activity. The study found that children are walking far less than they used to – with the percentage of trips walked to and from school, for example, declining from 42 per cent to 32 per cent between 1985 and 2002. The research has led to a number of spin-off projects, including the appointment of Professor Mackett as a specialist advisor to the House of Commons Education and Skills Select Committee for an enquiry into the draft School Transport Bill.
The UCL Community

UCL’s staff, students, alumni and members of Council form a community which works closely together to achieve the university’s goals.

Members of UCL Council
– At 1 January 2005
Lord Young of Graffham (Chair)
Sir John Birch
Ms Adele Biss
Sister Teresa Finn
Baroness Fairther of Windsor and Maidenhead
Professor Mary Fulbrook
Professor Malcolm Grant
Ms Victoria Green
Lord Hart of Chilton
Mr Kerry Hawkins
Professor Katherine Homewood
Mr Christopher Jonas
Dr Mark Lancaster
Mr Roger Lyons
Professor Peter Mobbs
Professor Richard Munton
Professor Santa Ono
Professor David Price
Mr David Renton
Miss Margaret Rudland
Ms Janet Salmon
Dr Andrea Townsend-Nicholson
Dr Nicholas Tyacke
Dr Paul Williams
Lord Woolf of Barnes
Secretary to Council: Mr Tim Perry

UCL officers
– At 1 January 2005
Visitor The Master of the Rolls
Chair of Council Lord Young of Graffham
Vice-Chair of Council Lord Woolf of Barnes
Treasurer Mr Kerry Hawkins
President and Provost Professor Malcolm Grant

Vice-Provosts
– At 1 January 2005
Professor Dave Delpy
Professor Richard Frackowiak
Miss Marilyn Gallyer
Professor Michael Spyer
Professor Michael Worton

Pro-Provosts
– At 1 January 2005
China Professor David Norse
European Affairs Professor Wendy Davies
East & Southeast Asia Professor Philip Treleaven
London Professor Alan Lord

Deans of UCL faculties
– At 1 January 2005
Arts & Humanities Ms Jane Fenoulhet
Built Environment Professor Christine Hawley
Clinical Sciences Professor Leon Fine
Engineering Sciences Professor Christopher Pitt
Laws Professor Michael Bridge
Life Sciences Professor Peter Mobbs
Mathematical & Physical Sciences Professor Fred Pearce
Social & Historical Sciences Professor Ray Harris

Other UCL officers
– At 1 January 2005
Vice-Provost (Administration) Miss Marilyn Gallyer
Director of Academic Services Mr Tim Perry
Commercial Director Dr Jeff Skinner
Dean of Students Professor John Foreman
Director of Development & Corporate Communications Dr Alisdaire Lockhart
Director of Education & Information Support Division (EISD) Professor Roland Rosner
– Director of Centre for the Advancement of Learning & Teaching (EISD) Ms Brigitte Picot
– Director of Information Systems (EISD) Mr Robert Clark
– Director of Management Systems (EISD) Dr Will Miller
– Director of Media Resources (EISD) Mr Simon Brown
Director of Estates & Facilities Mr Richard Furter
Director of Finance Mr Jack Foster
Director of Human Resources Ms Sarah Brant
Director of Library Services Dr Paul Ayris
Head of the UCL Graduate School Professor Leslie Aiello
Registrar Mr Martin Butcher
Senior Tutor Mr Robin Allen
Director of Administration, Royal Free and University College Medical School Mr Andrew Whalley
Equalities

As befits a globally competitive university, UCL aims to employ a diverse workforce which reflects the profile of the population from which it recruits. In 2001, monitoring data identified that black and minority ethnic staff were significantly underrepresented among support staff and consequently UCL set itself a target to reflect the economically active population of Greater London within this staff group by September 2004. Having exceeded interim targets for two years running UCL is now close to achieving its goal of 22% of black and minority ethnic staff in this group. Obviously, UCL recruits solely on merit, but takes a range of positive action initiatives to encourage the widest possible range of high calibre applicants for its jobs.

UCL does not currently have an ethnicity target for its academics, research staff and senior managers, as the UK population is the comparator for this group (in the absence of meaningful global statistics) and this part of the workforce is already more diverse than the national population. Overall UCL compares favourably with the higher education picture, with a 16.1% black and minority ethnic staff compared with a sector average of 9.4%. In 2003, UCL has also agreed an additional aspirational target to be set in relation to the senior administrative grades, to increase the representation of women by 2% per annum with the ultimate aim of a 50:50 split of women and men at this level at UCL. Progress will be monitored annually.

In accordance with the Race Relations Amendment Act, UCL now annually monitors the application of its employment policies in terms of the number of discipline and grievance cases, promotion and training take-up by sex and ethnic origin to ensure that no one group is disproportionally affected. This data is scrutinised carefully to identify any patterns and address any concerns raised by the data. UCL is also actively assessing the impact of its race equality policy and has undertaken a staff survey to this end. More information about UCL staff monitoring can be found at www.ucl.ac.uk/hr and information about UCL’s various equality initiatives can be found at www.ucl.ac.uk/hr/equalities.

UCL has a diverse student body. In 2003/2004, 52% of its students were female, 3% of students identified themselves as having a disability and 34% of UK-domiciled students identified themselves as being black or minority ethnic (including mixed ethnicity). These figures could be compared to the average UK figures for HE students for 2002/2003 provided by the Higher Education Statistics Agency (HESA). These show that 58% are female, 6% of UK-domiciled students identify themselves as having a disability and 14% of UK-domiciled students identify themselves as being black or minority ethnic (including mixed ethnicity).

More information about the UCL student body is available at www.ucl.ac.uk/registry/statistics.

Notes:
1. UCL has identified two different labour markets from which staff are recruited. It recruits nationally all academic and research staff and senior administrative staff (group 1), nearly all other staff (group 2), are recruited from the Greater London area. UCL’s target of 22% is the proportion of economically active black and minority ethnic people in Greater London.

2. An annual human resources benchmarking service for higher education is produced by DLA, an international law firm with a particular expertise in the area of HR. The figures are calculated on a slightly different basis from UCL’s two staff groups.

Honorary Degrees

Honorary Degrees were awarded by UCL to: Dr Richard Timothy Hunt – Doctor of Science (Medicine) honoris causa (DSc (Med)); Professor Daniel McFadden – Doctor of Science (Economics) honoris causa (DSc (Econ)); Professor Dr Erwin Neher – Doctor of Science (Medicine) honoris causa (DSc (Med)); and Anna Kajumulo Tibajjuka – Doctor of Science (Engineering) honoris causa (DSc (Eng)).

Fellowships

Fellowships of UCL were awarded to nine UCL alumni for their outstanding contribution to society: Professor Sue Birley (Statistical Sciences 1964), entrepreneur; Professor Michael Aaron Edidin (Zoology 1963), immunologist and biophysicist; Digby Marriott Jones (Laws 1977), Director General of the Confederation of British Industry; Koizumi Junichiro (Economics 1969), Prime Minister of Japan; Toh Puan Dr Ashiah Ong (nee Chan Sook-Peng) (Royal Free Hospital 1969), Pro-Chancellor of the University of Malaysia; Paula Rego (Slade School of Fine Art 1956), painter and printmaker; Richard Michael Smith (Geography 1968), historical demography scholar; Lynne Truss (English 1977), author; Marjorie Shiona Wallace (Psychology and Philosophy 1966), Chief Executive of SANE.

Fellowships of UCL were awarded to eight people for their outstanding achievements and contributions to society: Dame Antonia Byatt, author; Professor David Colquhoun, pharmacologist; Professor Ronald Myles Dworkin, jurist; Michael Freeman, former general manager of the UCL Bloomsbury Theatre; Edward James O’Gorman, company director and founder of the charity CHILDREN with LEUKAEMIA; Charles Martin Raff, Emeritus Professor of Biology, UCL; and John Andrew Sutherland, Lord Northcliffe Professor of Modern English Literature, UCL.

House of Lords

Seven members of the UCL community were appointed to the House of Lords: Jane Bonham Carter (Philosophy 1980), Liberal Democrats; Dr Frances D’Souza (alumna), Independent; Garry Hart (Laws 1962; Fellow 2001), Labour; Delyth Jane Morgan (alumna 1986), Labour; Professor Elaine Murphy (PhD History of Medicine 2001), Independent; Rabbi Dame Julia Neuberger (Council Member 1993–1997), Liberal Democrats; and Dennis Tunncliffe (Maths 1965), Labour.

New Year’s Honours

New Year’s Honours were awarded to: Professor John Collinge (Neurology), CBE for services to medical research; Professor Robert Souhami (Oncology), CBE for services to medicine; Dr Margaret Flora Spittle (Oncology), OBE for services to medicine; and Dr Beatrix Wonke (Haematology), OBE for services to medicine.

Alumni

UCL’s 85,000 alumni were kept informed about, involved with and supportive of their university through regular printed and electronic communication, regional groups and events including reunions. At UCL Alumni Open Day, Janet Kitchen (French 1964) was presented with the 2003 Murie Robertson Award for Outstanding Contribution to Alumni Activity for her work as Chair of the UCL Alumni London Group. Thousands of alumni continued to support UCL financially, funding teaching, research, facilities and scholarships – helping their university to remain true to its principles of excellence, innovation and access.
Professorial appointments (established and personal chairs)

Biochemistry & Molecular Biology  Professor of Cancer Biochemistry: Professor Ivan Gout
Biomedical Engineering  Chair of Biomedical Engineering: Professor Gordon Blunn
Chemistry  Chair of Chemical Biology: Professor Stephen Caddick; Chair of Chemical Physics: Professor Helen Fielding; Professor of Physical Chemistry: Professor Geoff Thornton; Thomas Graham Chair of Chemistry: Professor Stephen Price
Institute of Child Health  Professor Peter Hobson; Professor of Paediatric Ophthalmology: Professor David Taylor
Civil & Environmental Engineering  Chadwick Chair of Civil Engineering: Professor Nick Tyler; Professor of Civil Engineering: Professor Jim Croll
Computer Science  Chair of Software Systems: Dr David Rosenblum
Economics  Chair of Economics: Dr Mark Armstrong; Chair of Microeconometrics: Professor James Heckman
Epidemiology & Public Health  Chair of Health Psychology: Professor Robert West; Professor of Medical Sociology: Professor James Nazroo; Professor of Social & Health Life Course Research: Professor Michael Wadsworth
English Language & Literature  Lord Northcliffe Chair of Modern English Literature: Professor Rachel Bowlby
Geography  ESRC Senior Fellowship: Professor Paul Longley
Gynecological Oncology  Chair of Women’s Health: Professor Ian Jacobs
Laws  Chair of International Law: Ms Catherine Reddick
Mathematics  Chair of Mathematical Biology: Professor Josef Hofbauer
Mechanical Engineering  Professor Nicos Ladommatos
Medicine  Professor of Diabetes & Endocrinology: Professor Dominic Withers; Professor of Nephrology: Professor Guy Neild
MRC Clinical Trials Unit  Professor of Epidemiology: Professor Andrew Nunn
Institute of Neurology  Professor of Neurodegenerative Disease: Professor Parmjit Jat
Institute of Nuclear Medicine  Chair of Medical Physics in Nuclear Medicine & Imaging in Science: Professor Brian Hutton
Institute of Orthopaedics  Professor of Neurological Surgery: Professor Roffe Birch; Professor of Peripheral Nerve Surgery: Professor Thomas Carlstedt
Physics & Astronomy  Chair of Physics: Dr Des McMorrow; Perren Chair of Astronomy: Professor Ofer Lahav
Surgery  Chair of Cardiac Surgery: Professor Bruce Keogh

Professorial promotions

Anatomy & Developmental Biology  Professor of Cognitive & Computational Neuroscience: Dr Neil Burgess; Professor of Neurobiology of Ageing: Dr Timothy Cowen
Anthropology  Professor of Anthropology & Visual Culture: Dr Christopher Pinney; Professor of Evolutionary Anthropology: Dr Ruth Mace
Bartlett School  Professor of Architecture & Digital Theory: Mr Neil Spiller; Professor of Spatial Planning & Governance: Dr Mark Tewdwr-Jones; Professor of Sustainable Heritage: Ms May Cassar
Biochemistry & Molecular Biology  Professor of Biochemistry & Molecular Biology: Dr Surjit Kaila Singh Srai; Professor of Structural Biology: Dr Paul Driscoll
Chemical Engineering  Professor of Chemical Reaction Engineering: Dr Asterios Gavrilidis; Professor of Process Systems Engineering: Dr Eric Fraga
Chemistry  Professor of Organic Chemistry: Dr Charles Marson
Institute of Child Health  Professor of Cardiothoracic Surgery: Mr Martin Elliott; Professor of Disability Studies: Dr Sheila Wiz; Professor of Paediatric Cardiology: Dr Philipp Bonhoeffer; Professor of Paediatric Neurosurgery: Mr Richard Hayward

Computer Science  Professor of Distributed Computing: Dr Wolfgang Emmerich
Economics  Professor of Economics: Dr James Banks; Professor of Economics: Dr Christian Dustmann; Professor of Economics: Dr Ian Preston
English Language & Literature  Professor of English Language & Literature: Dr Susan Irvine
Haematology  Professor of Haematology: Dr Asim Khwaja
Histopathology  Professor of Gastrointestinal Pathology: Dr Marco Novelli; Professor of Haematopathology: Dr Ahmet Dogan
History of Art  Professor of History of Art: Dr Christopher Wilson
Medicine  Professor of Cardiovascular Genetics: Dr Philippa Talmud; Professor of Experimental Medicine: Dr Gordon Stewart; Professor of Molecular Medicine: Dr Andrew Tinker; Professor of Paediatric Endocrinology: Dr Peter Hindmarsh
Mental Health Sciences  Professor of Ageing & Mental Health: Dr Martin Orrell
Institute of Neurology  Professor of Neuroimmunology: Dr David Baker; Professor of Neurology: Dr Peter Brown; Professor of Neuropathology: Dr Tamas Revesz
Oncology  Professor of Clinical Oncology: Dr Peter Hoskin
Gynecological Oncology  Professor of Musculo-Skeletal Pathology: Dr Adrienne Flanagan
Physics & Astronomy  Professor of Physics: Dr Tania Monteiro; Professor of Physics: Dr Alexander Shlyuger; Professor of Physics: Dr Jennifer Thomas
Primary Care & Population Sciences  Professor of Medical Statistics & Epidemiology: Dr Caroline Sabin
Psychology  Professor of Cognitive Neuroscience: Dr Patrick Haggard; Professor of Educational Psychology: Dr Norah Frederickson; Professor of Psychology & Brain Sciences: Dr Nilli Lavie
Slade School of Fine Art  Professor of Fine Art: Ms Phyllida Barlow
School of Slavonic & East European Studies  Professor of Central European History: Dr Martyn Rady
Surgery  Professor of Biophysics & Tissue Engineering in Surgery: Dr Alexander Seifalian

Appointments, awards, elections and honours

Academia Europaea  Membership: Professor Alan Hall (Biochemistry & Molecular Biology); Vice-Presidency: Professor Sir Michael Marmot (Epidemiology & Public Health)
Academy of Medical Sciences  Fellowships: Professor Stuart Cull-Candy (Pharmacology), Professor Alan Hall (MRC Laboratory for Molecular Cell Biology), Professor Philip Hawkins (Medicine), Professor William McKenna (Medicine), Professor Linda Partridge (Biology), Professor John Rothwell (Institute of Neurology), Professor Daniel Wolpert (Institute of Neurology) and Professor Nicholas Wood (Institute of Neurology)
Warren Alpert Foundation  Scientific Prize: Professor Charles Weissmann (Institute of Neurology)
Archaeological Institute of America  Pomerance Award: Dr Ian Freestone (Institute of Archaeology)
Association of University Administrators  Post Graduate Certificate in Professional Practice: Helen Matthews (History)
Biotecnology & Biological Research Council  Member: Professor Dave Delpy (Vice-Provost)
James Tait Black Awards  Best Biography: Professor Janet Browne (Welbeck Trust Centre for the History of Medicine)
British Academy  Council Membership: Professor Rosemary Ashton (English Language & Literature); Fellowship: Professor Simon Hornblower (Greek & Latin and History); and Professor Orazio Attanasio (Economics); Senior Fellowship: Professor David Harris (Institute of Archaeology)
British Medical Association Book Competition Highly Commended Prize: Professor Bastien Gomperts and Dr Peter Tatham (Physiology)
British Psychological Society Award: Dr Sean Cameron (Psychology)
British Society of Rheumatology Michael Mason Prize: Dr Anisur Rahman (Medicine)
Centre for Economic Performance Director: Professor John Van Reenen (Economics); Director of Research: Professor Stephen Machin (Economics)
Chartered Institute of Waste Management Honorary Fellow: Professor Richard Macrory (Laws)
Committee on Standards in Public Life Member: Professor Hazel Genn (Laws)
European Association for the Study of Obesity Young Investigator of the Year: Dr Rachel Batterham (Medicine)
European Environment Agency Executive Director: Professor Jacqueline McGlade (Mathematics)
European Food Safety Authority Scientific Panel on Dietetic Products, Nutrition & Allergies Member and Working Group on Food Allergy Chair: Professor Stephan Strobel (Institute of Child Health)
European Society of Sexual Medicine Award of Excellence: Dr Selim Cellek (Wolfson Institute for Medical Research)
European Society of Surgical Oncology Vice-President: Professor Irving Taylor (Surgery)
King Faisal International Prize Science Category: Professor Semir Zeki (Anatomy & Developmental Biology)
Foundation Ipsen Jean-Louis Signoret Prize: Professor Uta Frith (Psychology)
Friedrich Wilhelm Bessel Research Award: Dr David McAlpine (Physiology)
High Performance Computing Challenge Most Innovative Data-Intensive Application: Professor Peter Coveney (Chemistry)
History Today and The Royal Historical Society Best History Dissertation of the Year: Sami Abouzahr (History)
Humboldt Foundation Fellowship: Dr David McAlpine (Physiology)
Independent Advisory Group on Sexual Health & HIV Strategy & Implementation Adviser: Professor Mike Adler (Centre for Sexual Health and HIV Research); Public Health Expert: Dr Kevin Fenton (Primary Care & Population Sciences) and Dr Patrick French (Centre for Sexual Health and HIV Research); General Practitioner: Dr Surinder Singh (Primary Care & Population Sciences)
Independent on Sunday Top 10 geologists in Britain: Professor G David Price (Earth Sciences)
Institut de France Corresponding Member: Professor Basil Markesinis (Laws)
Institute of Actuaries Honorary Fellow: Professor Richard Blundell (Economics)
Institution of Chemical Engineers Donald Medal: Professor Mike Hoare (Biochemical Engineering)
International Health & Medical Media Awards Freddie Award: Mr Les Roberts (UCL Images)
International Society for Genetic & Evolutionary Computation Senior Fellow: Dr William Langdon (Computer Science)
Internet Society Jonathan B Postel Service Award: Professor Peter Kirstein (Computer Science)
ISC 2004 Supercomputing Conference Integrated Data & Information Management Award: Professor Peter Coveney and team (Chemistry)
Leverhulme Trust Early Career Fellowship: Dr Elizabeth Bloxam (Institute of Archaeology); Research Awards Advisory Committee Member: Professor Rosemary Ashton (English Language & Literature)
LLB Hurst Prize, Andrews Prize, Simmons & Simmons Prize: Shih-Jern Liang (Laws)
Medical Futures Innovation Awards Best Biotechnology Start-Up: Dr David Becker (Anatomy & Developmental Biology)
Medical Research Council Max Perutz Essay Prize: Dr Angharad Davies (Medical Microbiology)
Minerva Foundation Golden Brain Award: Professor Karl Friston (Neurology)
NASA Group Achievement Award: Professor Jan-Peter Muller (Geomatics Engineering)
National Institute for Clinical Excellence National Advisory Panel for Enquiries into Child Health Member: Dr Catherine Law (Institute of Child Health)
National Union of Students Media Awards Runner-up Best Student Arts Journalist: Mr Stephen Fingleton
Ordine della Stella della Solidarietà Italiana Commendatore: Professor Laura Lepschy and Professor Giulio Lepschy (Italian)
Political Studies Association of the UK Making a Difference Award: Professor Helen Margetts (School of Public Policy)
Queen’s Birthday Honours CBE for services to geography: Professor Michael Batty (Centre for Advanced Spatial Analysis); CBE for services to cognitive development: Professor Annette Karmiloff-Smith (Institute of Child Health)
Renal Association Best Oral Science Presentation: Milyun Chiu (Institute of Child Health)
Roy Porter Memorial Studentship: Nandini Bhattacharyya (Welcome Trust Centre for the History of Medicine)
Royal College of Surgeons of England Council Member: Professor Irving Taylor (Surgery)
Royal Commission on Environmental Pollution Member: Professor Jeffrey Jowell (Laws)
Royal Geographical Society Edward Heath Award: Dr Alun Jones (Geography)
Royal Society Fellowship: Professor Richard Catlow (Chemistry), Professor David Kemp (Laryngology & Otology), Professor William Motherwell (Chemistry) and Professor David Preiss (Chemistry); Wolfson Merit Award: Professor Gabriel Waksman (Biochemistry & Molecular Biology)
Royal Society of Chemistry Liversidge Lecture & Medal: Professor Robin Clark (Chemistry)
Royal Society of Chemistry, Institute of Materials, Minerals & Metallurgy/Society of Chemical Industry Beilby Medal: Professor Ivan Parkin (Chemistry)
Royal Town Planning Institute Gold Medal: Professor Sir Peter Hall (Bartlett School)
Russian Association of International Law G I Tunkin Medal: Professor Bill Butler (Laws)
Société de Géographie de Paris Member d’Honneur: Professor Hugh Clout (Faculty of Social & Historical Sciences)
Society of Academic & Research Surgeons President-Elect: Professor Irving Taylor (Surgery)
Society of Antiquaries of London Top A-level Student: Mr Michael Bamforth (Archaeology)
University of Greenwich Honorary Degree: Professor Sir Peter Hall (Bartlett School)
University of London Gold Medal in Medicine: Miss Sarah Eisen (Clinical Sciences); Betuel Prize: Mr David Antcliffe (Clinical Sciences)
University of Paris-Sorbonne Honorary Doctorate: Professor Hugh Clout (Faculty of Social & Historical Sciences)
University of York Honorary Doctorate: Professor Chris Frith (Institute of Neurology) and Professor Uta Frith (Institute of Cognitive Neuroscience)
US International Film and Video Festival 2003 Gold Camera Award: Les Roberts (UCL Images)
US Society for Development Biology Victor Hamburger Award for Education: Professor Lewis Wolpert (Anatomy & Developmental Biology)
Waterstone’s Excellence & Achievement Award London Student of the Year: Sarah-Louise Benjamin (French)
Supporting UCL

UCL pays tribute to those individuals and organisations who have made substantial financial contributions in support of its research and teaching.

Donations made in 2003/2004

£1 million and more
CHILDREN with LEUKAEMIA, for the Institute of Cancer Sciences
The Wolfson Foundation, for an MEG facility and redevelopment costs at the Institute of Neurology; for the Wolfson Centre of Medical Physics & Biomedical Engineering; and for the Wolfson Laboratory for Cellular Imaging at the Centre for Auditory Research

£200,000 and more
The Gatsby Charitable Foundation, for the Bioprocessing Centre for Regenerative Medicine, Department of Biochemical Engineering

£100,000 and more
Benfield Group PLC, for the Benfield Hazard Research Centre, Department of Earth Sciences
British Tinnitus Association, for the Tinnitus Chair
Dunhill Medical Trust, for continece technology
Elseco, for the Department of Economics
Ensia, for the Environmental Change Research Centre
The Rayne Foundation, for the David Sacks Lecture Theatre, Institute of Cancer Sciences

£25,000 and more
Anonymous, for the Institute of Neurology
Atlantic Philanthropies, for widening participation
Banque Safra, for computer science research
Mrs Monica Beck, for the Monica Beck Scholarship, Department of Electronic & Electrical Engineering
The Frederick Bonnart-Braunthal Trust, for the Frederick Bonnart-Braunthal Scholarship
Sidney and Elizabeth Corob Trust, for the Sidney and Elizabeth Corob Chair in Modern Jewish History
CP Holdings, for the Faculty of Laws
T Cuneo Memorial Trust, for the Slade School of Fine Art
Jill Dando Fund, for the Jill Dando Memorial Scholarships
DePuy International, for the Department of Mental Health Sciences
Gissings, for the Slade School of Fine Art
Herbert Smith, for the Herbert Smith Chair in International Commercial Law
IBM, for computer science
Ian Karten Trust, for scholarships
Kodak Ltd, for the Ramsay Centenary Fellowship
Leica Geosystems Ltd, for the Leica Chair of Geomatic Engineering
Lundbeck A/S, for the Department for Mental Health Sciences
Norton Rose, for the Norton Rose Lectureship in International Commercial Law
Novartis, for the Institute of Urology & Nephrology
Pfizer, for the Alzheimer’s Project, Department of Mental Health Sciences
Mr Oliver Prenn, for the Prenn Fellowships, Centre for Respiratory Research
Royal Society of Chemistry, for the Ramsay Centenary Fellowship
The Henry Smith’s Charity, for the TB Link Project

Up to £25,000
Agilent Technologies, for various departments
Anonymous, for the J J Sylvester Scholarship Fund in Mathematics
Anonymous, for the Department of Primary Care & Population Sciences
Armourers Trust, for the Petrie Museum of Egyptian Archaeology
The Astor Foundation, for the Middlesex Hospital Visiting Professorship
Ms Adele Biss, for refurbishment needs
Britto Foundation, for the Department of Hebrew & Jewish Studies
The Buro Happold Trust, for the MSc in Sustainable Heritage Cardiac Services Directorate, for the Department of Mental Health Sciences
Cerebrus Solutions, for the Department of Computer Science
Winston Chu, for Bartlett School scholarships
CSEL, for the Department of Computer Science
CSFB, for the Department of Computer Science
Deutsche Bank, for the Department of Computer Science
Sue Hall, for the Department of Obstetrics & Gynaecology
Michael and Morven Heller, for the Heller Bursaries
John Kelly, for the Department of Economics
The King’s Fund, for the TB Link Project
The Kirby Laing Foundation, for the TB Link Project
Professor Leslie Le Quesne, for the Middlesex Hospital Visiting Professorship
The William Marguelles Charitable Trust, for Yiddish studies
Dr Andrew McCance, for the Department of Medical Physics & Bioengineering
Microsoft Research, for the Department of Computer Science
Misys, for the Department of Computer Science
Dr Aishah Ong, for the Sheila Sherlock RFH
Mike Phillips, for scholarships
Dr Mortimer & Theresa Sackler Foundation, for the Panopticon
Dr Michael Shipley, for the Middlesex Hospital Visiting Professorship
Paul Smith Limited, for Slade School of Fine Art
Sir Halley Stewart Trust, for the TB Link Project
Symbian, for the Department of Computer Science
Dr Sophie Turner, for the Dementia Research Centre
Various, for the Margaret Muller Memorial
Various, for the Nikos Stangos Memorial Lecture
The Welton Foundation, for the Middlesex Hospital Visiting Professorship
Wohio Holding Inc, for rheumatology research
The Worshipful Company of Grocers, for the Queen’s Golden Jubilee Scholarships, Bartlett School and Slade School of Fine Art

Legacies received
Mrs Ingrid Margareta Alsterlund-Green, for research into Parkinson’s disease, Institute of Neurology, in memory of her late husband Bryan McDonald Green
Ivor John Badger, for the General Charitable Trust, Middlesex Hospital Medical School, in memory of his late wife Margaret who was cared for by them during her last illness
Mr Tom Bendhem, for the Slade School of Fine Art
Peter Blackman, for the Legacy Endowment Fund
Miss Marjory Amy Love Burns, for UCL Friends
Dr John Francis Burton, for research into the cause and treatment of dementia and epilepsy, Institute of Neurology
Mr Albert Fanthorpe, for the Institute of Ophthalmology
Dr Harold Fox, for the Harold & Olga Fox Fund, to fund scholarships and prizes, Department of Biology
Professor John Hawkes, for scholarships for a deserving student or students, during their research study, Department of Mathematics  
Mr Richmond John Hellyar, for the Institute of Archaeology  
William Henry Hoather, for the Greatest Need Fund  
Miss Viola Joan Horsell, for general student support and for the Department of Chemistry  
Professor Kenneth Kemp, for a biennial public lecture which will aim to foster creative design in structural engineering, and a more informal series of seminars to foster and stimulate debate in the principles of design in structural engineering, the Department of Civil & Environmental Engineering  
Miss Catherine Sylvia Ker, for the Greatest Need Fund  
Mrs Evelyn Esther Kryszek, for the Stanislava Kryszek Award, Institute of Archaeology  
Miss Dorothy Edith Amelia Lightfoot, to fund bursaries for students with a particular interest in drawing or seascapes, Slade School of Fine Art  
Ms Vera Constance Mabel London, for the Royal Historical Society  
Mr Derek Milledge, for the Legacy Endowment Fund  
Miss Jean Fergus Orr, for the Jean Orr Scholarships, to fund postgraduate students in one or more of the subjects of Dutch, French, History or Italian  
Mr Leslie George Albert Polley, for the library, to support the Italian section and the School of Slavonic & East European Studies section  
Mr Edwin Albert Power, for the Wren Fund  
Miss Catherine Easton Renfrew, for a scholarship for graduate students, Department of Human Communication Science  
Mr William Henry Joseph Richardson, for the Department of Laws  
Mrs Lilian Doris Amelia Royce, for the Institute of Ophthalmology  
Professor John Tracey Scales, for the Centre for Biomedical Engineering and the Institute of Orthopaedics & Musculoskeletal Science  
Mrs Dorothy Eileen Spencer, for the Institute of Ophthalmology  
Professor Thomas Stevens, for the Ramsay Memorial Fellowships, Department of Chemistry  
Mr Ivor John Travers, for research into metabolic diseases, Faculty of Clinical Sciences  
Mrs Kathleen Tancock, for a book fund to benefit the departments of French and English Language & Literature, and for general student support, especially for the Faculty of Arts, in honour of her late husband, Professor Tancock  
Professor Elizabeth Wilkinson, for the Legacy Endowment Fund  

**The UCL Friends Programme**  
In addition to the major gifts and pledges recorded here, thousands of UCL alumni, current and former staff, and friends gave their support through the UCL Friends Programme. In 2003/2004, more alumni than ever before contributed; their generosity enabled the funding of 23 projects through gifts totalling £286,945.

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**UCL’s annual income has grown by almost 30 per cent in the last five years. The largest component of this income remains research grants and contracts.**

UCL’s annual income has grown by more than £100 million in the last five years. UCL is currently spending in excess of £300 million on a capital programme supporting health, social and technological research.

A copy of UCL's Reports and Financial Statements for the Year Ended 31 July 2004 is available on request from UCL’s Director of Finance.

### 2003/2004 income

<table>
<thead>
<tr>
<th>Category</th>
<th>£’000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research grants and contracts</td>
<td>161,860</td>
</tr>
<tr>
<td>Funding council grants</td>
<td>145,766</td>
</tr>
<tr>
<td>Other operating income</td>
<td>99,837</td>
</tr>
<tr>
<td>Academic fees and support grants</td>
<td>76,480</td>
</tr>
<tr>
<td>Endowment income and interest receivable</td>
<td>5,833</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>489,776</strong></td>
</tr>
</tbody>
</table>

### 2003/2004 expenditure

<table>
<thead>
<tr>
<th>Category</th>
<th>£’000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Staff costs</td>
<td>305,010</td>
</tr>
<tr>
<td>Other operating expenses</td>
<td>146,506</td>
</tr>
<tr>
<td>Depreciation</td>
<td>26,544</td>
</tr>
<tr>
<td>Interest payable</td>
<td>7,811</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>485,871</strong></td>
</tr>
</tbody>
</table>

### 2003/2004 research grants and contracts

<table>
<thead>
<tr>
<th>Category</th>
<th>£’000</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK based charities</td>
<td>77,804</td>
</tr>
<tr>
<td>OST research councils</td>
<td>48,943</td>
</tr>
<tr>
<td>UK central government, local/health authorities, hospitals</td>
<td>12,202</td>
</tr>
<tr>
<td>UK industry, commerce and public corporations</td>
<td>8,378</td>
</tr>
<tr>
<td>EU government bodies</td>
<td>7,183</td>
</tr>
<tr>
<td>Other overseas</td>
<td>6,223</td>
</tr>
<tr>
<td>EU other</td>
<td>1,076</td>
</tr>
<tr>
<td>Other sources</td>
<td>51</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>161,860</strong></td>
</tr>
</tbody>
</table>
Developing UCL

With the help of its supporters, UCL is investing in facilities fit for the finest research and teaching in decades to come.

Funding based on research excellence and volume from the Joint Infrastructure Fund (JIF) and the Science Research Investment Fund (SRIF) has enabled UCL to commence its biggest-ever building and refurbishment programme. With the addition of required matching funds, JIF and SRIF are allowing the university to invest almost £300 million in state-of-the-art infrastructure for leading-edge research and teaching programmes. Further investment by the university is further enhancing buildings and facilities for staff and students worthy of UCL’s reputation as one of the world’s leading universities.

Projects completed
Cell & Molecular Dynamics – refurbishment in the Rockefeller Building
Cellular & Molecular Neuroscience – new building in the South Quad
Cellular Research – refurbishment in the Darwin Building
Chemistry – refurbishment in the Christopher Ingold Building
Communications & Optical Networks – refurbishment in the Engineering Building
Earth Sciences – refurbishment in the Kathleen Lonsdale Building
Haematology – refurbishment at the Royal Free Campus
Materials Chemistry – facilities in the Christopher Ingold Building
Microbiochemical Engineering – refurbishment and new mezzanine floor in the Engineering Building
Neurology – research laboratories for neurodegenerative diseases and replacement magnetic-resonance imaging equipment
New Student Accommodation – at Langton Close
Ophthalmology – extension
Postgenomic Virology – refurbishment in the Windeyer Building

Projects under construction
Anthropology – new accommodation in Taviton Street
Auditory research – new building and refurbishment at the Institute of Laryngology & Otology
Cancer Sciences and UCL Medical School – new building and refurbishment Chemical Engineering and Biochemical Engineering – improvement of facilities
Child Health – two phases of refurbishment
Engineering Sciences, including Computer Science and Medical Physics & Bioengineering – extension of the Engineering Building
Examination and Meeting Facilities – at 1–19 Torrington Place
Molecular & Cellular Neuroscience – refurbishment in the Anatomy and Medical Sciences buildings
Nanotechnology – new building on Gordon Street
Neurology – installation of magnetoencephalography equipment
Pharmacology – refurbishment of facilities in the Medical Sciences Building
Slavonic & East European Studies – new building in Taviton Street and refurbishment of part of the former University of London Examination Halls of the former Rockefeller Nurses’ Home

Future projects
Additional Student Accommodation – new building adjacent to Ramsay Hall
Child Health – rooftop extension and refurbishment for new research facilities
Darwin Building – refurbishment
European Studies – rooftop extension at Malet Place
Fine Art – improvements to the Slade School
Ambrose Fleming Lecture Theatre – reconfiguration and refurbishment
Geography and Three Research Institutes – adaptations to and refurbishment of the Pearson Building
History of Art – refurbishment
Information Systems – relocation and expansion of facilities and equipment
Library – refurbishment and access arrangements in Wilkins Building
Mechanical Engineering – refurbishment of fluid mechanics laboratories
Mullard Space Science Laboratory – new and replacement buildings
Neurology – new development at 33 Queen Square
Panopticon – new cultural centre on Gordon Street
Physics & Astronomy – improvement of facilities
Physiology – refurbishment of facilities in the Medical Sciences Building

Developing UCL
Join the many current and former students and staff, friends, businesses, funding councils and agencies, governments, foundations, trusts and charities that are involved with UCL.

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