Our University

A special commemorative print by Joe Scarborough – all profits go towards providing Alumni Fund bursaries for students

Entitled Our University, 500 limited edition, signed prints, measuring 22”x17”, are available for purchase. Unframed and packed in protective cardboard tubes, they are priced at £35.00 each plus p+p (£2.00 or £5.00 Special Delivery in the UK; £2.50 for Europe; or £3.00 rest of the world)

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The Centenary History is published!

“A good book... honest, well-researched and easily accessible.” Professor Sir Colin Lucas, former Vice-Chancellor of the University of Oxford

Steel City Scholars is a compelling account of the development of the University, from its earliest days to the present, richly illustrated from the Archive

The book draws on the reminiscences of hundreds of present and former staff and students, whose insights bring colour to the narrative of great personalities and events. Student life is featured in every chapter and there are pen portraits of many famous University men and women who made major advances in their chosen fields of endeavour.

The appendices include statistics and chronologies detailing the development of the University, its faculties, departments and student body.

Written with warmth, style and humour by a graduate of the University, Helen Mathers (BA 1974, PhD 1980).

PRICE: £25.00 plus p+p (UK £6.50; Europe £10.00; rest of the world £14.00)

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Welcome

In this special Centenary edition of Your University, we are delighted to report on some of the many celebrations taking place.

As I write, we are half way through this historic year and we have already enjoyed diverse events such as a special dinner for 270 former staff, the book launch for Steel City Scholars (the University's Centenary History), and the Tall Ship Challenge (see page 4) where 48 alumni, staff and students crewed a Tall Ship for a week and raised over £25,000 to help Sheffield children with speech difficulties. There are still events, lectures and alumni reunions to come – details are on page 12.

We also feature two of this year’s honorary graduates – both of whom are alumni: High Court Judge Mrs Justice Anne Rafferty and Professor Frank Ellis, who has had a distinguished career in medicine and was born in 1905, the year the University received its Charter.

This issue records the success of the Union of Students in being named Students’ Union of the Year 2004 in the national Club Mirror Awards (see page 2). Next year will be the 70th anniversary of the opening of the Graves Building, funded by a generous gift from Alderman John Graves who wanted to see a “well planned and attractive Students’ Union Building”.

We have had a terrific response to our Centenary Alumni Fund campaign so far – receiving over £120,000 in donations from alumni and friends across the world. Thank you to those who have contributed to this impressive total. Sheffield students are already benefitting from this generosity, which has helped to provide bursaries, improve facilities, and support clubs and societies with extra resources – see page 8 for further details.

As usual, we have enclosed an alumni questionnaire with this magazine. Please remember to fill it in and return it so that we can keep our records accurate and make sure future magazines arrive safely. Please also remember that you can update your details on our website by registering with Sheffield Reunited, the online alumni directory, at www.sheffield.ac.uk/alumni

We hope you enjoy this edition of Your University. Please let us know what you think of it; we are always looking to improve.

Miles Stevenson
Director of Development

The Development and Alumni Relations team (left-right Claire Kilner, Kevin Beck, Miles Stevenson, Helen Scarlett, Helen Booth, Andy Cooper, Ruth Stanley and Miriam Garner)

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The Tall Ship Challenge – see page 4 for further details.

Thank you to Ian Spooner, of the University’s Public Relations Office, for many photos used in this magazine.

Advertisements are carefully vetted, but the University can take no responsibility for them.

© The University of Sheffield 2005
The Union of Students is a focal point of University life. National recognition – being named Students’ Union of the Year 2004 in the Club Mirror Awards – is the direct result of the work and enthusiasm put into the organisation by staff, students and volunteers. The Entertainments programme is a major factor in this success.

Sheffield’s Annual Student Survey, conducted by the Oxford Research Agency, reported that “above all other areas is praise for the Students’ Union and events and entertainment the Union provided” in exceeding students’ expectations. After the city itself, the Union was the most significant non-academic factor in students’ choice of university, with 84 per cent saying it was important to them.

With a turnover of over £1 million, the Union’s Entertainments programme is big business. All profits are ploughed back into the organisation, with around a third allocated to Entertainments. A staff of seven, led by Commercial Services Director Stephen Hubbard, works with some 70 to 80 Entertainments and Technical Committee volunteers to put on over 230 events a year.

The post of Entertainments Officer was dropped from the line-up of annual sabbaticals in 1990, when it became apparent that developing the programme was a long-term commitment. The scale of the operation has doubled in the last seven years, dramatically increasing in the last four since the Union put extra resources into Entertainments, with the creation of four more permanent posts.

The programme has widened in scope, with niche music nights, poetry and comedy. The Union is also involved in Sheffield’s annual Off the Shelf Literary Festival. Special events are arranged for specific groups, such as international students and mature students. These dovetail neatly into the ‘mainstream’ club nights, bars and numerous live music events. The programme saw an increase in attendances of five per cent in 2004, with 221,750 people enjoying the range of entertainments on offer.

“Students propose ideas of what they want to see on,” says Jamie Bristow, Union President 2004/2005. “We undertake market research and focus groups, and respond to the changing needs of students. We have to spot trends almost before they happen.”

Stephen adds, “We have a captive audience of 24,000 students here and have to make sure they keep coming back to the Union throughout their time at Sheffield. A one-off, popular event isn’t enough. We need to provide a variety of quality entertainment throughout the year. We take notice of everything our audience says to us – it could be that a first-year student comes in with a great idea for a club night that takes off. We facilitate rather than direct the development of the programme.”

Stephen and his team work hard to ensure that students attend Union events, rather than going to venues in the city centre. “Our Mission is ‘to act in the interests of all students in our Union,’” he says, “and we actively promote the safety aspects of coming here. We take our responsibilities seriously and are keen to make sure that our students look after themselves. We provide health advice on issues such as drinking.” This was recently recognised when the Union was announced regional winner in the ‘Best Bar None’ awards; a Home Office initiative that rewards well-managed venues who take their customers’ safety seriously. The Union is also a magnet for non-students, with 25 per cent of audiences coming from outside the University.

Planning the programme begins about six months before the start of each academic year. Big-name bands and singers plan their tours around album releases and the Union has to fit into that pattern. “We have a national reputation with promoters and agents for delivering a good service, including the quality of our equipment, sound and lighting, even overnight tour bus facilities,” explains Stephen. The regular club nights – Tuesday Club, Juice, Fuzz Club and Bleach, Frouk and Pop Tarts – are on five evenings a week. In addition, there are three monthly and over 15 one-off club nights a year.

The Technical Services Committee provides stage crew and engineers for all the gigs and club nights. Student volunteers receive training in all technical aspects as well as safety measures. “We provide opportunities for our volunteers to develop their interests,” explains Stephen. “We run courses in areas such as sound engineering.
visual mixing and lighting design. In return, we have the benefit of over 7,000 volunteer hours a year.”

There is a noticeable change in the way students are using the Union for their entertainment. “The takings in the bars are going down overall,” says Jamie. “But the takings in the clubs are more than making up for this. Students aren’t tending to come out every night, propping up the bars. Instead, they want a quality experience once or twice a week.”

Stephen adds, “You could say that our students are now money rich and time poor – much more like the ‘real’ world. They realise that they have to get a good degree to get a good job, and many work part-time to help fund their studies. They have less free time, and want to make sure they spend their money on an occasion. They dress up and come out later in the evening to go to one of our events.

“We are planning a major refurbishment of our venues in the next three years. We will be targeting (even) higher quality events that are good value for money. This is a competitive, complex business and at the end of the day we need to provide what our students want.”

Then...

“During my year as Chairman of Ents I had a great time and booked The Who, The Drifters, The Temptations, Bonzo Dog Doo-Dah Band, Little Richard, The Hollies, Ten Years After, Merseybeats, Spencer Davis Group, John Mayall’s Bluesbreakers, The Steam Packet and the scoop of the year – Jimi Hendrix for only £50. Unfortunately, ‘Hey Joe’ went to No 1 and he cancelled the booking as he then wanted £500 for a three-minute spot. We couldn’t afford him!”

Ken Jones (BA 1968)

“I was very active in Ents. Many wonderful experiences, especially the day Paul McCartney turned up on spec and asked if he could play that night. I was Head of Publicity for Ents, and we sold out by word of mouth in less than two hours. I can also remember Paul and his wife Linda sitting in the Union bar for over an hour, completely unrecognised!”

Barry Wilkinson (BA 1974, MA 1976)

…and now

The money will help the University’s Department of Human Communication Sciences to fund projects for Sheffield children with speech and language difficulties. Dr Judy Clegg says, “We are delighted by the sponsorship money raised and recognise that this is a fantastic achievement! Professor Mick Perkins, Dr Marcin Szczerybinski and I were part of the crew on the Tall Ship and really enjoyed meeting and working with all the fundraisers.

“Our specialist staff include speech and language therapists, psychologists and linguists. We will now be able to buy the necessary equipment and develop our work with local communities to help children with cleft lip and palate, children with persisting speech difficulties and children from areas of social disadvantage. Thank you to all those involved.”

Helena Pinder from the Centenary Office organised the Challenge and Helen Scarlett (BA 1996), Development Manager, offered valuable advice on fundraising aspects. They both took part in the voyage: Helena says, “This was an incredible experience that was taken up so enthusiastically by staff, students and alumni alike. We are delighted to have raised so much money and, with gift aid, we expect to exceed our target of £25,000.”

There was a ballot to see which members of staff and alumni would get places on board. Students wanting to take part had to write an essay and these were judged by a panel from the Union of Students. The Alumni Fund and the Centenary Office subsidised the student places, and staff and alumni participants were self-funding.

The group met up in Palma, Majorca and joined the Stavros Niarchos, a modern 60-metre square-rigged brig, owned by the Tall Ships Trust. After an intensive training exercise, the new crew set sail for an exhilarating week. One of the few times the group all managed to get together was for the final night’s Centenary Celebration, held at the Royal Yacht Club at Palma and hosted by crew member Professor Tony Ryan.

“We sailed 397 miles, 220 under sail,” recalls Jon Watson (DipArch 1971, MA 1972, Dip Town and Regional Planning 1975). “We got involved with the steering, acted as look out, worked as deck hands and in the galley. It was pretty exhausting but a thoroughly enjoyable experience. My daughter Esther, a Sociology student, was also on board.”

Chamu (K Chamundeeswari), a postgraduate Law student, is equally enthusiastic about the voyage: “My most memorable time on the ship was when we sailed under the stars. I was absolutely stunned by the beauty of the skies and the sea.”

Read the voyage’s blog at www.sheffield.ac.uk/centenary2005

- Register your interest in taking part in a 2006 Tall Ship Challenge by contacting Miriam Garner, email: development@sheffield.ac.uk, tel: 0114 222 1071.
In its centenary year, Vice-Chancellor Professor Bob Boucher reflects on the past, present and future of the University of Sheffield – and considers his ideal guests for a fantasy dinner party of staff and students from the last 100 years.

**What do you consider to be the University of Sheffield’s greatest achievement so far?**

From its modest but high-quality beginnings, Sheffield’s greatest achievement is to now be a leading national and international university. Of course, there are many contributory factors, at the root of which are the quality of its staff, students and graduates. One thinks, for example, of the nurturing of five Nobel Laureates, many Fellows of the leading academies, Queen’s Anniversary Prizes and the distinguished positions held by many alumni.

**How do you think the founders would respond to the University of Sheffield in 2005? Would they recognise what they began?**

They would be astonished and delighted at a university that has prospered beyond anything they could have dreamt of. They would recognise our strong local roots and connections, approve of the high standards we uphold, and be surprised by the size of the University and breadth of its disciplines.

**What is your vision for where we go from here?**

Our vision is to place ourselves even more firmly in the leading group of universities in the UK and internationally. Needless to say, this can only be done through continuing and enhancing our excellent research and teaching, producing distinctive graduates, exploiting our skills and technology, and being active internationally. There is nothing here our founding fathers would not have wished for and even aspired to.

**What do you see as the University’s greatest challenges?**

For the future, universities have to be adaptable to change, meeting the new research challenges and the changing needs of society, students and business. I anticipate a university which does not grow proportionately to the higher education population, but rather concentrates on excellence and a healthy undergraduate/postgraduate mix.

**What role do former staff and students have in this success?**

We all have a major role in promoting the University, spreading the word about our quality and our achievements. Alumni have an especially important part to play in doing this in their business and professional circles. Also, this university, like all the best universities, needs benefactors to help it prosper. What we do – the dissemination and pursuit of knowledge to and with the next generation, irrespective of their means – can only be described as a noble cause. I hope more alumni do as I and many other alumni do, which is to donate to our Alumni Fund. This enables us to provide bursaries for the less well-off students, enhance access to sports, music and leisure facilities and improve our teaching and learning facilities.

**If you had to choose a fantasy dinner guest list from former staff or students of the last 100 years, who would be sitting around your table?**

I’ve had great dinner conversations with our two present Nobel Laureates, Dr Richard Roberts and Sir Harry Kroto, so I couldn’t turn down the chance to talk to Lord Florey, Lord Porter and Sir Hans Krebs. I have also dined with a good number of other distinguished alumni but not yet with Helen Sharman, Britain’s first astronaut, and would also add the famous pioneering aviator, Amy Johnson. They would enjoy meeting each other! As an engineer, I would want Sir Donald Bailey of Bailey Bridge fame. Finally, a couple of medical scientists who made distinguished contributions – Sir Edward Mellanby who discovered the cause of rickets in children (and was apparently quite a character) and Dr Cecil Payne, credited with the first clinical use of penicillin. It would be a great party and we would swap seats between courses!
Deafness research at Sheffield

Deafness is a major public health issue, with more than nine million people in the UK enduring a mild to severe hearing difficulty. Researchers in the Department of Biomedical Science are applying modern molecular biology to the study of the ear, with the aim of developing mechanisms for sensory regeneration.

Professor Matthew Holley, whose research concerns the development of auditory sensory cells and their associated nerves, explains, “Human hearing depends on only 15,000 sensory hair cells in each inner ear. These cells are born during embryonic development and are protected by several layers of bone, deep within the skull. They are lost progressively with age and can be damaged by noise and prescribed drugs.”

Dr Tanya Whitfield’s work is investigating the genetic basis of deafness using an animal model, the aquarium zebrafish, now widely used in the study of embryonic development and disease. She explains, “We are using cellular, molecular and genetic techniques to analyse strains of zebrafish that develop with inner ear defects. Several of these strains form direct models of human deafness syndromes.”

Knowledge about the embryonic development of hair cells and their nerves can help with the design of new therapies for deafness. “A potential therapeutic approach would be to replace lost cells by transplanting stem cells grown in the laboratory,” says Dr Marcelo Rivolta. “We are identifying populations of auditory stem cells in the developing human cochlea and exploring their potential to regenerate the damaged inner ear. We have already isolated several cell lines that display stem cell markers and characteristics.”

Professor Carl Smythe, Head of the Department of Biomedical Science, says, “Together, the combined set of approaches of these researchers provides an excellent example of the diversity of scientific techniques required to begin to solve a complex problem such as ‘how to build an ear’.”

Major funding announced

Funding of £9 million from the Higher Education Funding Council for England is creating two Centres for Excellence in Teaching and Learning (CETLs) at the University. The Centre for Inquiry Based Learning in Arts and Social Sciences will transform learning for the 10,000 students studying arts, law and social science subjects, encouraging them to develop transferable skills. The second CETL will build on the White Rose Centre for Enterprise, a collaboration between the Universities of Leeds, Sheffield and York, to ensure that all students are encouraged to develop their entrepreneurial skills.

New Union President

Harsh Srivastav is the newly-elected President of the Union of Students for 2005/2006. From Lucknow, India, he is the first international student to hold this position for over 20 years (since KK Tan from Malaysia in 1981). Using the catchy campaign slogan ‘Harsh but fair’, he says, “I wanted to put something back into the Union as it is such an important part of being a student here. I can’t wait to start!” Harsh is taking a year out from his Electronic and Electrical Engineering degree to undertake his new responsibilities.

Your company – your university

The University works with business and industry in many ways. Michelle Nolan, Head of the Office of Corporate Partnerships, says, “We are continually seeking to build on existing relationships and to stimulate new opportunities to work alongside business. This activity ensures not only that the University’s immense knowledge base is transferred for the wider benefit, but that we help academic colleagues to keep their teaching and research relevant to the changing needs of the market place.”

Our alumni can access this expertise – whether it be recruiting and training staff, driving innovations, improving processes, utilising equipment and facilities, or simply making use of exciting networking opportunities. For further information, visit the Office’s website at www.sheffield.ac.uk/business, email: ocp@sheffield.ac.uk, or call Michelle Nolan on tel: 0114 222 1453.
North Campus takes shape

The University took possession of the former Health and Safety Laboratory on Broad Lane in January 2005. The site is to become the new North Campus, creating what is believed to be the UK’s largest multidisciplinary research complex, incorporating more than 12,000 square metres of laboratory space. It is expected that this major £20 million investment by the University, part-financed by the national Science Research Infrastructure Fund, will create 100 academic posts, the bulk of which will be filled over the next five years.

Professor Geoff Tomlinson, Pro-Vice-Chancellor for research, explains, “Redeveloping this brown-field site means we can locate the new campus close to our main campus, without incurring any environmental downside, and the new facilities will position us right at the forefront of multidisciplinary research practice worldwide.”

The campus will be home to advanced research in Nanotechnology, Tissue Engineering, Environmental Engineering, Future Materials, Digital Visualisation and Semiconductors, and will include two major research centres – the Kroto Institute (see page 25), and the Nanoscience and Technology Centre.

- Sheffield is a world leader in nanotechnology research. A film developed by Professors Richard Jones and Tony Ryan at the University of Sheffield and Jeff Baggott, film director, and Nick Dulake, senior visualisation consultant from Design Futures at Sheffield Hallam University, looks at how nanotechnology makes the sole of a training shoe more effective. The film, Shock Revelation, is part of an exhibition at the Science Museum, London. Professor Ryan’s straightforward commentary finishes with the memorable line, “Good industrial chemistry is well-understood cooking.”

- Remember that favourite photo of you as a student? If you’re willing to let us use it we’re keen to hear from you. We want to feature (anonymously) pictures of students from past decades on our website and in selected publications (visit the University’s home page to see the type of image we mean). Please send your photo to Robert Hurst, design manager, The University of Sheffield, 5 Palmerston Road, Sheffield, S10 2TE, enclosing your name, address, subject and dates of study. We’ll return it within a month. Thank you!
The University’s Alumni Fund is now in its second year. More than 1,000 alumni have already made a donation to this annual mail and telephone fundraising campaign, raising over £200,000 for student bursaries, facilities and equipment, and student recreation and welfare projects.

“We are extremely grateful to each and every one of you for your generosity,” says Ruth Stanley, Alumni Fund Manager. “Gifts from alumni, friends and former staff to the Alumni Fund are crucial to the University, because they are flexible and allow us to direct help to where it is most required.

“From much-needed hardship bursaries, to new IT equipment, to grants for sport, music, drama and welfare, Alumni Fund donations make an immediate difference to the lives of students. They also help the University to continue meeting high standards in all aspects of the student experience at Sheffield. We give some examples on the following pages.”

“Thank you very much for continuing to support your University.”

Student bursaries

The Alumni Fund has awarded more than £70,000 towards hardship bursaries for current students. Student financial support continues to be one of the University’s most important priorities, especially with the recent changes to student funding.

In December 2004, the Vice-Chancellor Professor Bob Boucher hosted a pre-Christmas drinks reception for students who have received bursaries. This gave the students the opportunity to meet each other, and to be presented with a certificate to commemorate the occasion. Continuing support from alumni will enable us to help many more deserving students in this way over the coming years.

Biteback

An Alumni Fund grant of £520 has helped to fund an important pilot support group, Biteback, for students suffering from eating disorders.

Biteback provides a safe and professionally-backed forum for students to share their experiences and gives them access to a wide range of support materials. Six Biteback meetings have been held since October 2004, and each meeting involves two facilitators.

The Alumni Fund grant helped by providing publicity leaflets, training for facilitators by South Yorkshire Eating Disorders Association and the National Eating Disorders Association, and some running costs. Half of the grant has also been invested in a library of self-help books which group attendees can borrow.

“Biteback has been a real lifeline for me. Until attending it I thought I was the only one to have problems. Going to the group meetings has made me realise I’m not alone, prompting me to seek professional help and tell my family and boyfriend. Without Biteback I would still feel isolated, but now after three years of hiding behind the problem I am starting on the road to recovery.”

Biteback attendee
Ice Hockey club

The University’s Ice Hockey team, the Sheffield Bears, was formed just over a year ago. They have enjoyed competitive success and provided the students of Sheffield with the opportunity to take to the ice – whether absolute beginners (with ‘learn to skate’ and ‘stick and puck’ sessions), players in development, or accomplished players who make up a pretty formidable A-team.

For the first year they have been self-financing, using personal funds to pursue their sport in the name of the University of Sheffield. And it certainly paid off – they won the British Universities Ice Hockey Championship 2004 only a few weeks after forming.

The Sheffield Bears were awarded a grant by the Alumni Fund in November 2004 to run beginners’ sessions, compete in the British Universities Ice Hockey competitions, introduce a development team for inexperienced players and provide qualified coaching for all levels of the sport.

“This is a very exciting time for us,” says Bears Vice-President Chris Mason. “Sheffield University Ice Hockey is one of the fastest growing clubs, and the Alumni Fund has been instrumental to our success. Our new B-team won three out of four games in the recent British Universities Ice Hockey Championships, and our A-team are on the verge of winning the Division 2 League with only Edinburgh to beat, and next year’s promotion already in the bag. We have some big plans for next season, and hope to expand the club further, including developing the recently formed roller-hockey team and introducing Give it a Go sessions through the Union.”

If you were in any doubt as to the gratitude felt by the recipients of Alumni Fund grants, the Ice Hockey team’s website (www.sheffield.ac.uk/icehockey) carries the message: “The Sheffield Bears were given substantial funding by the Alumni Fund. Without them, you would probably not have a hockey club to play for.”

creating new opportunities

24-hour charity musical

A £1,000 grant from the Alumni Fund helped a cast and crew of 150 students to stage a charity musical from scratch in just 24 hours, and raise funds for two excellent charitable organisations.

Everything apart from publicity and casting was assembled within 24 hours – from costumes to construction, rigging, rehearsing and catering. Even the name of the musical was kept a secret from the participants until 24 hours beforehand.

The students’ energetic production of Alan Parker’s Bugsy Malone attracted an audience of 1,000 people, and raised almost £4,000 for the Oxfam Sudan Appeal and Cavendish Cancer Care.

“Bugsy Malone”

The Sheffield Bears in the Czech Republic; Tim Cocksworth

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A special service at Sheffield Cathedral marked the University of Sheffield’s Charter Day on 31 May 2005 – the 100th anniversary of King Edward VII granting the Royal Charter of Incorporation to establish the University.

The Vice-Chancellor Professor Bob Boucher read a Prologue at the beginning of the thanksgiving service:

“The University of Sheffield was created by a Charter, which was sealed under a Royal Warrant on the 31st day of May 1905. Its precursor was the University College of Sheffield, which had been created in 1897, by fusing together three institutions – Firth College, the Sheffield Technical School and the Sheffield School of Medicine, the latter having been originally founded in 1828.

Today we celebrate with gratitude the gift of the University, which was created in large part by the determination and generosity of local people, who were motivated by a vision of higher education and the dream of a University in the heart of the city.

This vision was to find its eloquent expression in a speech by John Masefield, the Poet Laureate and honorary graduate (LittD 1946), at the installation of the Chancellor in 1946.”

There are few earthly things more splendid than a University. Wherever a University stands, it stands and shines; wherever it exists, the free minds of men and women, urged on to fair and full enquiry, may still bring wisdom into human affairs.

There are few earthly things more beautiful than a University. It is a place where those who hate ignorance may strive to know, where those who perceive truth may strive to make others see; where seekers and learners alike, banded together in the search for knowledge, will honour thought in all its finer ways, will welcome thinkers in distress or in exile, will uphold ever the dignity of
thought and learning and will exact standards in these things.
There are few things more enduring than a University. Religions may
split into sect or heresy; dynasties may perish or be supplanted, but
for century after century the University will continue, and the stream
of life will pass through it, and the thinker and the seeker will be bound
together in the undying cause of bringing thought into the world.”

Read by Jamie Bristow, Union President, 2004/2005

Commenting on the service, the Bishop of Sheffield, The Right
Reverend Jack Nicholls, said, “This is not an exclusively Anglican
occasion, but the presence of our ecumenical partners and
representatives of other faith communities will remind everyone
of the spiritual dimension of life, without which we are in danger
of becoming less than completely human.”

The opening

King Edward VII and Queen Alexandra came to open the new
University on 12 July 1905. Sheffield had been preparing for the
visit for many weeks and the streets were decorated with flowers,
bunting and triumphal arches. Some 40,000 children alone lined
the route from the station.

Over 3,000 guests had been invited to the opening ceremony,
including representatives from neighbouring towns and cities, from
other universities and learned societies and from local industry. A
long, domed pavilion had been erected along the open side of the
Firth Court quadrangle and after prayers by the Archbishop of York,
the Vice-Chancellor William Hicks presented a loyal address from
the University. The Chancellor the Duke of Norfolk handed a
jewelled key to the King, who declared the
University open.

A garden party in Weston Park followed the
ceremony, during which the Colours of the York
and Lancaster Regiment were presented. From the
University, the King and Queen went on to unveil
the Regiment’s memorial in the parish churchyard
and to inspect Vicker’s River Don munitions works.

\[1954-55\] was the University’s Jubilee Year. Her
Majesty the Queen and HRH the Duke of
Edinburgh visited the University on 27 October
1954 to inaugurate the celebrations (see page 36).

Sheffield welcomes King Edward VII and Queen Alexandra

Centenary events in pictures

Page 10, clockwise from top left: the
University Mace on show during the
Heritage Open Weekend; Centenary
Lecturer General Sir Mike Jackson,
Chief of the General Staff; an aerial
artist from Swamp Circus performs
during Voce Magna in Sheffield
Cathedral; Centenary Lecturer
Baroness Helena Kennedy QC;
a scene from Voce Magna

Page 11, clockwise from top left:
Centenary Lecturer Alan Rusbridger,
Editor of the Guardian; Centenary
Lecturer Ted Cullinan RA, architect;
makeover of a therapy room at Talbot
Special School by student volunteers
during the Just Do It project;
Centenary Lecturer Professor Andrew
Motion, Poet Laureate; Kathryn
Douglas (a Business Studies student),
the first woman in the University’s
team (of 130) to cross the line in the
Sheffield Half Marathon; music from
Penn State University
**Diary of Events September – December 2005**

### Centenary Lectures

**Lecture 6**
8 September 2005
The Turner Memorial Lecture
Dr David Whitehouse, Executive Director of the Corning Museum of Glass, New York

**Lecture 7**
19 October 2005
The Roberts Lecture
Dr Vanessa Lawrence, Director General and Chief Executive of Ordnance Survey

**Lecture 8**
3 November 2005
The Sir Arthur Hall Memorial Lecture
Sir Paul Nurse, Nobel Laureate and President of Rockefeller University, New York

**Lecture 9**
6 December 2005
The Hatfield Memorial Lecture
Professor John Wood, Chief Executive, Council for the Central Laboratories of the Research Councils

**Admission is free but by ticket only; contact the Ceremonies Office for details, tel: 0114 222 8893.**

### Centenary Quiz Night

18 October 2005
100 teams of staff, students and alumni and friends are needed (maximum of six to a team).
**Tickets: £5.00 per person**

### Alumni reunion

29 October 2005
A Special Centenary Dinner for alumni who graduated after 1964: a champagne reception and Black Tie dinner (including wines and musical entertainment) in Firth Hall.
**Tickets: £42.00 per person**

Why not use this opportunity to revisit Sheffield and meet up with University friends? Contact Claire Kilner to reserve a place on tel: 0114 222 1043, email: c.kilner@sheffield.ac.uk. Ask for details of special hotel rates.

### AfterDark Fireworks Display at Don Valley Stadium

5 November 2005
The University is sponsoring this event. A limited number of tickets will be available to alumni on a first-come, first-served basis.

### Centenary Gala Concert

11 December 2005
Sheffield City Hall, 7.30pm
Elgar: Psalm 48
George Nicholson: Concerto for Orchestra (world première)
Walton: Belshazzar’s Feast
Sheffield University Singers Society
Sheffield University Chamber Choir
Abbeylee Singers
North Yorkshire Chorus
Sheffield Bach Choir
Sheffield University Orchestra
Dean Robinson baritone
Martin Hindmarsh and George Nicholson conductors
**Tickets: £12.00, £10.00 (concs £8.00, £6.00) will be available from the City Hall Box Office, tel: 0114 223 3777**

### Centenary Charity Ball

17 December 2005
Octagon Centre
A drinks reception, a four-course dinner and dancing to the Stapleford Big Band. Funds for a charity to be nominated will be raised on the night. Tables of 10 are available.
**Tickets: £42.00 per person, available from September**

**Contact the Centenary Office**

Centenary Office
The University of Sheffield
277 Glossop Road
Sheffield S10 2HB

Tel: 0114 222 2005
Email: centenary@sheffield.ac.uk
Website: www.sheffield.ac.uk/centenary2005

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### Centenary Ale

The Kelham Island Brewery has brewed a University of Sheffield Centenary Ale as part of this year’s celebrations. The Vice-Chancellor Professor Bob Boucher took part in the mashing – mixing the brewing water, known as liquor, and grain with a wooden mash paddle.

The beer is a 4.0% abv light coloured ale with a fruity taste, a gentle hopiness and a moderately long finish. It is available in University and Union of Students' outlets and in selected local pubs. It is also available by the crate from the brewery.

**University of Sheffield Centenary Ale**

£12.75 (+ VAT) per crate (12 bottles).
Carriage at cost (deliveries in Sheffield free)

Kelham Island Brewery
23 Alma Street
Sheffield
S3 8SA

Tel: 0114 249 4804
Email: info@kelhambrewery.co.uk

The Kelham Island Brewery was purpose-built in 1990 on land adjoining the Fat Cat Pub on Alma Street and is now the largest brewery in Sheffield. Its Director is Dave Wickett (MA 1976).
Frank Ellis was born in Sheffield on 22 August 1905, five weeks after the University of Sheffield was opened by King Edward VII. Frank has strong connections with the University – he already holds four Sheffield degrees. This summer he will receive a fifth, an honorary degree (DSc) in recognition of his distinguished career as a radiologist.

Miles Stevenson, Director of Development, visited Frank at his home in Oxford in March 2005: “I was greeted with a warm smile and ‘Miles, you’ve had a long journey. Would you like a glass of sherry?’ He then settled back to chat about his memories of Sheffield and his subsequent career.”

Frank reminisced, “My parents were loving, kind, strict and hardworking. They were also very poor. We lived in a back-to-back house with no garden and a privy across the yard. We had no artificial light upstairs except candles. I remember reading Pilgrim’s Progress by candlelight. My father encouraged me to develop a love of learning. “Miss Raby, one of my teachers, spotted that I had talent and gave me extra lessons – an hour after school for two-and-a-half months. I won one of five scholarships to King Edward VII School and ultimately a place at the University. I’ve never forgotten Miss Raby’s devotion and help – and the first thing I did on the day I qualified in Medicine in 1929 was to buy her a bunch of flowers. The next morning I started as the house physician to Sir Arthur Hall – as a locum. I was a consultant within 18 months of qualifying, because of the terms of the advertisement for a Radium Officer for the Sheffield National Radium Centre.

“I read for two degrees in parallel, a BSc and an MB, which was hard work. There were only about 20 of us in my year and the teaching was excellent. It took place in Firth Court until we started to go out to the teaching hospitals. I remember my very first lecture at the University – a Physiology lecture by Professor JB Leathes. He just said, “One gram of fat – 900 calories, one gram of carbohydrate – 400 calories, one gram of protein – 400 calories.”

“I do remember Sir Edward Mellanby. He discovered Vitamin D deficiency as the cause of rickets, which I had had as a boy. When I was on the consultant staff treating a patient of his with Hodgkin’s disease, he said, “I bet he’s not alive in a year” and I said, “I bet he is.” So we agreed upon half a crown. The patient lived but Sir Edward wouldn’t pay up!

“I worked in the Royal Hospital as a junior doctor, and then in 1931 I learnt of the new post: of Radium Officer – previous experience not essential. I was appointed to set up the centre from scratch. My ‘new’ department was simply a disused operating theatre. The Secretary said, “Here is your new department, Dr Ellis. Goodbye.” Five minutes later I phoned and said, “I want a telephone, a table and a chair to sit on.” And that’s how my department of Radiotherapy started – the first of its kind in Sheffield. I’m particularly proud of it because when I started there was absolutely nothing. Everything had to be improvised but we made good progress.

“I was helped considerably by Alderman JG Graves. He was a self-made man who made a fortune and was a philanthropist. Mr Graves hadn’t had as much recognition as he should have had – he gave the University its Students’ Union, and the city a park, a library and an art gallery. One day I went to see him to say that I needed x-ray apparatus for treating patients. “For what?” he asked and I said, “For cancer”. He wrote out a cheque for £1,500 there and then. In 1940, he gave me £100,000 towards a new hospital. He was a great philanthropist to Sheffield. The new hospital was established after the war when the £100,000 had grown considerably. At first, it was called the Graves Hospital.

“By 1942, I was married and had three children. I was approached to see if I would work for the London Hospital. I established lots of satellite centres – my general philosophy was to treat the patients near where they lived and not make them travel. I subsequently went to Oxford in 1950 and stayed for 20 years. When I retired from the health service in 1970, I went to America to the University of Southern California, then to Milwaukee and finally to the Memorial Sloan-Kettering in New York.

“I think the position of an undergraduate at the University is a privilege.”

“By 1970, I think the position of an undergraduate at the University is a privilege. My life would have been very different without it. I enjoyed my time there thoroughly and I owe a terrific lot to the University of Sheffield.”

Professor Frank Ellis, OBE
BSc 1927
MSc 1928
MB ChB 1929
MD 1944
Hon DSc 2005
In the spotlight

Lucy Ray
A love of the book *Jurassic Park* brought Lucy Ray to Sheffield to study Genetics in 1998. She graduated three years later, ready to pursue her dream of being a professional photographer: “I chose Genetics as I’d always been interested in issues such as cloning. However, I became involved with *Steel Press* at the Students’ Union. I took photos for the newspaper and was Picture Editor in my second year.” Lucy was part of the team that won the accolade of Student Newspaper of the Year at the 2000 Guardian Student Media Awards.

“*Steel Press* was a fantastic opportunity for me – a chance to learn about new technologies and make mistakes without the pressure of a paid job. We had access to some interesting people, such as Kate Adie and Charles Kennedy, as well as passes to all the best bands.” Following a year as Student Activities Officer at the Union, Lucy enrolled on a photojournalism course at Sheffield College.

After three months, she went to work at the *Matlock Mercury*. She completed the National Certificate Examination and was named Fuji Photographer of the Year in 2004. Angus Thomson, National Product Manager of Fuji, commented: “Lucy’s portfolio was not just exceptional photographically, it was strong graphically. There wasn’t a single weak image in her set of ten pictures.” Lucy is now a photographer for the *Telegraph and Argus*, Bradford.

Matt Carter
As General Secretary of the Labour Party, Matt Carter (BA 1993) is by far the youngest person to hold this post. His rise through the party began during his time at the University, where he studied Social and Political Studies. “I joined the Labour Party when I was in Sheffield and I helped in the 1992 Labour campaign in Sheffield Hillsborough. We won in Hillsborough, but lost across the country, and that was a pretty unforgettable moment for me.”

From Sheffield, Matt went to the University of York to teach and take a doctorate in Politics, on the ethical socialism of TH Green, the 19th-century moral philosopher. Matt was a parliamentary candidate for the Vale of York in 1997. He committed to full-time politics on completing his degree and worked as an organiser for Labour in the North and Yorkshire Regions. He was appointed South West regional director for the 2001 general election. Next stop was the post of Assistant General Secretary, followed by his appointment to the top job in 2004.

“My memories of Sheffield are varied and many – both of the University and particularly the city. Pat Seyd’s lectures on British politics were a particular highlight. The warmth and friendliness of the people sticks very much in my mind, as do the magnificent parks and beautiful countryside surrounding the city.”

Professor Youssef Ezeddin Eassa
The Egyptian writer and scientist Youssef Ezeddin Eassa (1914-1999) came to Sheffield in 1948 to study for a PhD in Zoology. Whilst at the University, he continued his other passion – writing, producing a number of dramas and stories broadcast on the BBC. His supervisor, Professor LES Eastham, said to him, “You are an artist, Youssef, and I believe that a scientist should be an artist.”

Professor Eassa went on to become one of the most important figures in Egyptian literature in the 20th century. He successfully combined his writing, producing short stories, novels, plays, articles, poetry and essays, with his scientific career. He was appointed Head of the Zoology Department at the University of Alexandria in 1969.

Professor Eassa received many awards in his country, culminating in the National Prize in Literature in 1976 and 1987. He was named Best Literary Character in Egypt in 1998 and 1999. His daughter Faten has begun the task of translating his works into English, and has donated *A Selection of Short Stories* to the University Library. She recalls, “Sheffield had a special place in my father’s heart. He spoke about the positive effect the place and the people had upon him as a thinker, writer and scientist.” Faten has also launched a website, in English, dedicated to her father’s work. Visit it at www.eassa1914.net

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Dr Janet Sumner

Dr Janet Sumner (BSc 1987) is an earth scientist at the Open University and Adjunct Professor at Washington State University. She is usually to be found scrambling about, on or inside active volcanoes, or even fire-walking on the lava flows of Hawaii. Her current research centres on experimental and computational fluid dynamic modelling of fire-mountain deposits on Earth and other terrestrial planets.

When she isn’t undertaking fieldwork or planning laboratory experiments involving buckets of golden syrup or cream eggs, Janet is promoting the public understanding of science and developing a career as a television presenter. She appeared on the BBC’s Science Shack and What the Industrial Revolution did for us, and was co-presenter on 13 regional programmes as part of British Isles: A Natural History. Janet is currently filming Hands on Nature, a ten-part series to be broadcast in the autumn.

“One thing that my Geology degree taught me was the importance of field-work; we had fantastic tutors who encouraged us to be observant,” she says. “This comes into play when I’m working on television programmes – I always notice what’s going on around me in the natural world. Another Sheffield memory is creating an amazing gothic castle float for Rag. It was too tall for the bridges on the route. So we shot around the ring road, with me clinging to the top of a tower!”

Elizabeth Watts

“... this was Watts’ evening to produce a Semele so seasoned, so secure and so note-perfect was frankly sensational.” So reads a review in Opera Now of Elizabeth Watt’s performance in Handel’s Semele. This follows her profile on the BBC’s Culture Show last December, where she was nominated as “a face to watch in 2005”.

Elizabeth studied Archaeology and Prehistory at Sheffield, graduating with a First in 2001. “My singing teacher at school recommended that I did a degree in something I enjoyed to give me a broader experience. I decided on archaeology and chose Sheffield as it is one of the best departments in Europe. I had a brilliant time and don’t regret a minute. The tutors were fantastic. However, I was a bit of an armchair archaeologist, not too keen on getting my hands mucky! It became more and more apparent that music was my thing.”

Elizabeth took Music options as part of her degree and scored top marks for her final recital. She also taught the choristers at Sheffield Cathedral on a part-time basis. She went to the Royal College of Music in 2002, as the Romney Scholar, and is studying with Lillian Watson. Accepted onto the English National Opera’s Young Singers’ Programme, she is now looking forward to her debut as Papagena in Mozart’s The Magic Flute on 19 September at the London Coliseum.

Tim Wanstall

Tim Wanstall has a busy year ahead of him. As keyboardist of the band Athlete, he will be touring in the USA and Canada before supporting U2 at a couple of gigs in England, followed by a summer of festivals in Europe, Japan and Australia, including V2005, Glastonbury and T in the Park.

This hectic schedule follows the release of Athlete’s second album, Tourist, in January. It has already sold over 300,000 copies, as did their first, Vehicles and Animals, which also resulted in the band receiving a Mercury Prize nomination in 2003. “Tourist is quite a different record to our first one,” explains Tim. “Both records are very melodic. Tourist is an epic and emotive album, a little more grown-up and less poppy than its predecessor.”

The four members of the band first began playing music together as teenagers. Tim then came to Sheffield to study Biblical Studies, graduating in 1997. “My mum [Heather Bradbury BA(Econ) 1967] went to Sheffield and really enjoyed it. I visited on her recommendation and liked the feeling of the city and the University so much that I really chose them before the course. I was thinking of studying theology, but Biblical Studies was the closest thing on offer. I only have positive memories of my time at Sheffield – it can’t be long before I get to play at the Octagon!”
Auschwitz remembered

The BBC series Auschwitz, broadcast in January 2005, has worldwide viewing figures of over 50 million. It is the third collaboration between Professor Sir Ian Kershaw, who was series consultant and script consultant, and Laurence Rees, Creative Director of BBC History. The University awarded Mr Rees an honorary degree in July 2005 for his services to history and television.

Sir Ian explains, “Laurence suggested we collaborate on a series on the Holocaust. We concluded that the best approach would be to focus upon Auschwitz, something which no documentary series had done before. We discussed in detail the concept of the entire series, then of each programme, before any filming or interviews were undertaken. Only after this stage did the BBC researchers set out to find the witnesses we needed for each programme.

“For Auschwitz there was a difficulty that we did not encounter with previous series. There was hardly any footage to use, and

ICOSS under way

The Informatics Collaboratory for the Social Sciences (ICOSS) is the first large-scale dedicated facility for social sciences research in the UK. With investment of £5.7 million from the Science Research Infrastructure Fund and the University’s own resources, the Collaboratory opened in November 2004 in purpose-built premises at Portobello. It capitalises on individual strengths in the Departments of Information Studies, Town and Regional Planning, Geography, Sociological Studies, Law, Politics, Education and Computer Science. ICOSS also works closely with the Sheffield Centre for Geographic Information and Spatial Analysis, the School of Health and Related Research, and the Sheffield University Centre for Criminological Research.

The creation of ICOSS is a direct consequence of recent Government initiatives promoting integrated responses to policy questions and encouraging partnerships between academia, industry and the public sector, Professor Micheline Beaulieu, the Collaboratory’s Chair, comments. “We represent a significant move away from the traditional, single-discipline approach to social science. We are promoting multi-disciplinary, large-scale international collaborations. In addition, we are fully exploiting the potential of new technologies, e-Science and the Grid.”

Sheffield dentist honoured

A blue plaque on the wall of 289 Glossop Road, now the home of Corporate Information and Computing Services, honours the memory of Frank Harrison (1859-1912). The building housed his practice. It is uncertain who took the first dental radiographs, but credit for the first published report goes to Mr Harrison. He was instrumental in the formation of the Dental Department in the Sheffield Royal Hospital and the School of Dental Surgery, where he became a Lecturer in Dental Surgery and Pathology, and a School Dental Clinic.
Successful flotation of Biofusion

Biofusion, established in 2002 to commercialise university-generated intellectual property (IP), was successfully launched on the Alternative Investment Market on 2 February 2005. The company, in which the University of Sheffield has just under a 50 per cent shareholding, had raised £8.2 million by the time its shares began trading.

The University has signed an exclusive ten-year medical life science agreement with Biofusion and, by taking a stake in the company, is one of the first universities in the UK to commercialise its IP in this way. Biofusion’s aim is to provide vital funding and start-up management skills to turn academic research in the medical life sciences into profitable businesses, enabling the University and its academic staff to realise long-term value from their IP. They are now able to tap into the funds and development skills of the Biofusion management team.

Stuart Gall, Commercial Director, comments, “The City is attracted by the prospect of Biofusion exploiting Sheffield’s record as one of the top five UK universities for research in medical life sciences – and by its expected future investment in medical life science research of over £500 million over the next ten years.”

Biofusion is currently valued at £22 million, making the University’s stake in the business worth just under £11 million. Further details of the company are at www.biofusion.co.uk

A greener University

The University is committed to minimising its energy and water consumption, reducing transport and waste, and achieving sustainable construction and procurement. The Environment and Energy Team, part of the Facilities Management Directorate, has received three awards in recent months for their efforts. First came a Highly Commended Award at the Sheffield Business Awards for reducing energy and water consumption; next, a Care4Air Award in recognition of the team’s efforts to encourage staff and students to use environmentally-friendly ways to travel; and finally, the team has received national recognition for excellence in energy management by achieving accreditation under the Energy Efficiency Accreditation Scheme.

At the 2005 Green Gown Awards, the University also won the Water Efficiency Award and was highly commended for its commitment to sustainable transport. More than 80 per cent of the University’s electricity now comes from renewable sources. Water consumption has been reduced by over 40 per cent over the past five years, and effective recycling and waste management schemes have been introduced.

Careers fair

The University is to host the county’s premier graduate careers event in the Octagon Centre on 25-26 October 2005. The Yorkshire Autumn Graduate Recruitment Fair has attracted more than 100 national and regional employers. Extra to the main exhibition are a seminar programme and advice sessions. The event, relevant for 2005 graduates whether looking for work immediately or planning a break until 2006, is jointly managed by the University of Sheffield and Sheffield Hallam University.

The University’s Careers Service offers employment advice to recent graduates; visit www.sheffield.ac.uk/careers/graduates for further details.

Successful flotation of Biofusion
Sheffield was among a cluster of civic universities established in the early years of the 20th century, joining Birmingham (1900), Liverpool (1903), Leeds (1904) and Bristol (1909). Leeds proposed as its title the ‘Victoria University of Yorkshire’, a request that was rejected by the Privy Council on petition from University College, Sheffield.

The University of Sheffield formally came into being on 31 May 1905 with the granting of the Royal Charter of Incorporation by the Privy Council. Six weeks later, King Edward VII made a state visit to Sheffield to open the new buildings at Western Bank, although the manuscript for his speech was mislaid. However, his brief extemopre declaration, “I have great pleasure in declaring these beautiful buildings open and in expressing my fervent hope and desire for the long, continued prosperity of the University of Sheffield”, was a good deal more effective than the longer speech which had been prepared and was later recovered.

In 1910 the first sports pitches were opened at Norton by the University’s Pro-Chancellor, George Franklin, whose speech was extraordinary, considering the occasion. In front of the assembled guests, he said that British people devoted far too much of their time to sport and games and not enough to solid work. The amount of effort given over to football and cricket would, he argued, be far better applied to more useful purposes. His attitude contrasted markedly with that of his successor, Albert Hobson, who was a strong supporter of sport and personally paid for a new pavilion at Norton in 1928.

The immediate post-war years in the University have been described as ‘a prolonged epidemic of dancing’, and in 1922 the academic staff protested to the Vice-Chancellor about the detrimental effect on academic work of midday dances in Firth Hall. Degree congregations at this time were by no means the decorous events they are today, with singing, catcalls, motor horns and whistles accompanying the proceedings. Suspicion fell on the medics and the rugby club when white mice were released among the congregation, and on another occasion a goat made its way up the main aisle with the words ‘Diploma of Education’ pinned to its horns. In 1936 the Students’ Union at last moved into its own premises, the Graves Building, which contained a refectory and a large auditorium but, somewhat surprisingly, no bar.

The origins of Rag date back to 1920, when the medical students held a ‘Charity’ Rag to raise money for local hospitals. The Rag magazine made its first appearance in 1926 and from 1930 it was known as T’Wikker (after the local street and arches). It became racier with each succeeding issue, culminating in the 1949 edition which was banned by the University after the Lord Mayor, who traditionally bought the first copy, was upset by its contents. During a debate...
‘Steel City Scholars’, the recently published centenary history of the University, contains a fund of stories about students and staff down the years.

Dr Roger Allum, Director of Public Relations, selects a few of the highlights.

Professor Alan Usher

(Forensic Pathology, 1961-90) was one of the UK’s leading forensic pathologists and a highly popular after-dinner speaker, with a fund of stories emanating from his work. When captaining the University cricket team, he would explain to the visiting side that the Sheffield fast bowler was so deadly it made sense to have a forensic pathologist in the side. His pride and joy, the unrivalled Medico-Legal Centre, was inaugurated by a civic dignitary in 1977 with the memorable words: “I have great pleasure in opening this mediocre legal centre”.

in the City Council, the offending issue was described as ‘a disgrace to education’. It was three years before Twikker reappeared, when it quickly reverted to its old ways.

Lectures continued during the war and all male students were required to take a turn on fire-watch duty from the top of the Western Bank towers. On one occasion a team rushed to extinguish a fire on the roof of a building in Glossop Road, only to discover that their presence was not welcome since the house was a brothel. During the economies of the post-war years the Vice-Chancellor, Irvine Masson, rang Professor Hans Krebs to complain about a light burning in the Biochemistry Department late at night. Krebs replied that if Masson ever passed his laboratory and found the lights turned off he wished to be informed, as he expected his research team to be there day and night. Student pranks continued unabated after the war, as GP Jones, a lecturer in Economic History, discovered. He used to pull a wheeled blackboard across the door of the lecture room to prevent latecomers gaining access, until the inevitable day when he himself was late and could not get in.

For most of the 1960s the University was a vast building site as the modern-day campus took shape. The Arts Tower paternoster, the tallest ‘walk-on, walk-off’ lift in the UK, was a fertile ground for student escapades. Second and third-year undergraduates used to take delight in alarming ‘freshers’ by emerging from the top of the shaft doing a handstand to prove that the cars turned right over at the summit. The Government’s squeeze on universities in the 70s and 80s led to a series of sit-ins at Western Bank, where an emergency trapdoor was constructed in the floor of the Tapestry Room to provide Senate and Council members with a ready means of escape.

The 1990s and the early years of the 21st century witnessed a major increase in student numbers, which now stand at 23,500, and corresponding growth of the University’s estate. The 90s also marked the end of the annual Flag Parade and the infamous Pyjama Jump, ‘the world’s biggest open-air underwear party’, which had become a national event, attracting upwards of 20,000 students onto the streets of Sheffield. In 2003, 100 years after the foundation stone of the Western Bank buildings was laid, workmen discovered a time capsule commemorating the event. The contents included a print of the architect’s design of the main building and a list of all the people invited to the stone-laying ceremony, but sadly no gold coins.
A vision for the future

Sheffield has the ambition to develop its own distinct profile as a renaissance city. With a history of utopian ideals, as typified by such figures as John Ruskin, it now has the opportunity to explore the influence of its distinctive topography on its character.

Sheffield is undergoing a dramatic period of development, both commercially and architecturally. Built on seven hills with five rivers – the Don, Loxley, Rivellin, Porter and Sheaf – it is set in a distinctive landscape. Prue Chiles, Senior Lecturer in the School of Architecture, is committed to the city and its regeneration at both practical and research levels. She has a vision of Sheffield as a ‘lifestyle city’, exploiting the surrounding topography to produce a stunning cityscape.

Prue is passionate about the city playing to its strengths: “Sheffield One, the urban regeneration company, aims to attract high technology and e-technology companies to Sheffield, in addition to retaining the talent emerging from the two large universities. If this expectation of a high technology city is placed against another trend for a healthier, more natural mode of living and a more responsible attitude to the planet, we have an interesting, almost unique, set of relationships. This could be a powerful selling point for the city.”

There are dramatic views across Sheffield from various vantage points. Unfortunately, 20th-century developments have flattened out the skyline, as tall buildings have been placed with little regard to how they interact with the landscape. Significant landmarks, such as the churches and Town Hall, which were often sited on prominent pieces of land, have been dwarfed by more recent additions. The notion of the seven hills, with the city centre as a focal point on an ‘acropolis’, has all but disappeared.

Involving the people of Sheffield in the planning of their urban landscape, a ‘bottom up’ rather than a ‘top down’ process, is a radical idea. An example of this method in action is the development of a Neighbourhood Strategies process for the Southey Owlerton area of the city, which includes Foxhill, Longley, Parson Cross, Shirecliffe and Southey. Prue, working with the Bureau of Design Research in the School of Architecture, is committed to the city and its regeneration at both practical and research levels. She has a vision of Sheffield as a ‘lifestyle city’, exploiting the surrounding topography to produce a stunning cityscape.
of Architecture, has been involved in this project as an independent adviser: "The regeneration team embarked on an experimental process, developing six individual neighbourhood strategies with the communities and tenants’ associations. The process was experimental in the way they used consultants to fill gaps in expertise in the neighbourhood and council team, rather than handing it over to the consultants."

The team organised a series of walkabouts, events, strategic planning meetings and workshops to engage the local communities in thinking about how the area could be developed. The resulting framework document for the neighbourhood took account of local needs and desires. Five ‘big ideas’ emerged, that reflect five distinctive aspects of the city as a whole:

- **Park city** All the open spaces could be linked to form a green web;
- **See and be seen** The topography of ridges should be marked to make them visible throughout the city and to each other;
- **Identity from landform** Grassy tops, wooded slopes and river valleys can give clues to the types of physical development;
- **From city to country and back again** By joining up footpaths and trails, distinctive routes emerge into the city centre and out to the countryside;
- **Green arteries** These link the key open spaces with community facilities, emphasising the green parkland character of the city.

The strategy has identified 32 building projects for the Southey Owlerton area, which comprise an ambitious programme of improvement and change over a ten-year period. The neighbourhood groups continue to have crucial roles in their implementation. "Sheffield has had its share of utopian visions, utopian housing schemes, city planning utopias, and, lastly, smaller, highly-politicised utopias," explains Prue. "Edward Carpenter, for example, created a community in Millthorpe that responded to the idea of Sheffield as a craft-based and productive city surrounded by a productive landscape. This idea of Sheffield still exists and is relevant to the way the communities perceive themselves on the edge of Sheffield, and to the notion of Sheffield as a place of production."

"I believe that now is the time for Sheffield to be idealistic. There have been very positive first moves, with the developments in the city centre and the suburbs. Park Hill, the notorious 1960s housing complex, is the subject of a redevelopment scheme and there are plans at Norfolk Park for green housing. Sheffield can be re-imaged as green, in all senses of the word, giving it a distinctive brand that makes it stand out from other cities. The scheme at Southey Owlerton is based on a method of working that involves the local communities. The people of Sheffield are its greatest asset and must be involved in the regeneration process for it to be really successful."
Alumni Reunion Offer

During 2005, the University’s Centenary Year, and 2006 the hotel is offering special rates to alumni who wish to organise a reunion or event. A whole range of reception rooms is available for private dinners and parties. Please quote ‘The University of Sheffield Centenary’ when making your booking.

Holiday Inn Royal Victoria, Sheffield
Victoria Station Road, Sheffield, S4 7YE
Tel: 0114 276 8822
Email: flo@holidayinnsheffield.co.uk
Website: www.holidayinnsheffield.co.uk

Come back to Sheffield – enter our prize draw!

Complete and return our alumni questionnaire by 30 November 2005 (either by post or online at www.sheffield.ac.uk/alumni) and your name will be entered into a draw to win a free weekend for two at the Holiday Inn Royal Victoria, Sheffield. Two nights accommodation, including full English breakfast, on a weekend of your choice, subject to availability.

Since 1862, the Royal Victoria has been offering guests the charm and elegance of a grand hotel. The Grade II listed building combines modern splendour with a traditional style and is ideally located, only two minutes from the station and has on-site parking. There is a 24-hour health and fitness facility with a fully-equipped beautician centre. The RAC four-star-rated hotel has 100 bedrooms, including the new Victorian Bedroom Suite, which has been restored to its former glory.
A view from the Old Bailey

The Honourable Mrs Justice Anne Rafferty has been involved in several high-profile cases in recent years – Paul Burrell, Michael Stone and the Dean of Lincoln. Miles Stevenson, Director of Development, finds out what Sheffield means to her.

What did you think when you were invited to accept an honorary degree from the University?

I cried. I wept because I was so moved. It had a big emotional effect – because it was the University where I started to mature and it was recognising me. And of course it’s a happy circumstance for me that my middle daughter [Edwina] will graduate in the University’s Centenary year when her mother is honoured with a doctorate.

When did you first decide you wanted to become a lawyer?

My mother decided that! She was a headmistress, so she reviewed the options for her daughter. She thought that there were two careers open – one was the science route to read medicine and become a consultant and the other was to read law and become a barrister. And she very helpfully said that it was a decision for me, but that if I took her advice it would be the latter – so I did.

What made you choose Sheffield as your university?

I’m a Northerner, a Lancastrian, so I wanted to see Yorkshire, even though it’s on the wrong side of the Pennines (the losing side in the Wars of the Roses – I’d just like to get that in!). And Sheffield gave me an unconditional offer.

What are your memories of Sheffield as a student?

I came up to the University very unconfident – a very young puppy. Over the three years I gained a bit of confidence – I learned to forge friendships, some of which have lasted to this day. The University didn’t take any prisoners but it educated with warmth. It’s exactly the same word – warmth – when I think about Sheffield. There was a spirit of great optimism.

What have been some of the highlights of your career?

Being on the Royal Commission on Criminal Justice because it stretched me. It educated me and it gave me renewed confidence that I could cope. And this job, as a Judge of The High Court, is the most wonderful privilege and honour.

Has it been harder to get where you are now in what is perceived to be a man’s world?

No. You have to remember the background from which I came, from a professional family which included a lot of achieving women. My family is peppered with headteachers of either gender and they just got on with it. And therefore there was never a gender-based question. You just entered a profession.

Are there any particular cases you can comment on?

You’re certainly entitled to say from a reading of the press that I tried Paul Burrell, Princess Diana’s butler, and at The Bar I’ve prosecuted Michael Stone who murdered Megan and Lin Russell and attempted to murder Josie Russell in July 1996. I defended the Very Rev Brandon Jackson, Dean of Lincoln. All of which had the press swinging from the chandeliers. I’ve been always grateful for a fairly phlegmatic personality because once I’ve got going the press might just as well not be there.

Would you say there was a defining moment in your life?

Marrying the right man was a turning point, there’s no question about that [His Honour Judge Brian John Barker QC]. And there were two linked turning points – there was the birth in 1981 of a handicapped daughter who had Downs Syndrome which had not been identified and her subsequent death as a toddler. Those two changed me forever.

What are your views on Alumni Relations and the ongoing life of the University?

On several fronts I’m keen on alumni being involved with the University, not least of which is that I would certainly say that Sheffield did absolute wonders for me. I’m still in touch with Professor Graham Battersby who taught me. And I would like this sense of an alumni community to continue for my daughter and her friends.

Appointments

<table>
<thead>
<tr>
<th>Year</th>
<th>Appointment</th>
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<tbody>
<tr>
<td>1971</td>
<td>Anne Rafferty graduated in Law from the University of Sheffield</td>
</tr>
<tr>
<td>1973</td>
<td>Called to the Bar by Gray’s Inn</td>
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<tr>
<td>1986-1991</td>
<td>Member of the Committee of the Criminal Bar Association</td>
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<tr>
<td>1989-1991</td>
<td>Secretary of the Criminal Bar Association</td>
</tr>
<tr>
<td>1990</td>
<td>Queen’s Counsel</td>
</tr>
<tr>
<td>1991</td>
<td>Recorder</td>
</tr>
<tr>
<td>1991-1993</td>
<td>Member of the Royal Commission on Criminal Justice</td>
</tr>
<tr>
<td>1992</td>
<td>Chairman of the Bar Conference*</td>
</tr>
<tr>
<td>1993-1995</td>
<td>Vice-Chairman of the Criminal Bar Association*</td>
</tr>
<tr>
<td>1995-1997</td>
<td>Chairman of the Criminal Bar Association*</td>
</tr>
<tr>
<td>1996</td>
<td>Deputy High Court Judge</td>
</tr>
<tr>
<td>1994-2000</td>
<td>Head of Chambers</td>
</tr>
<tr>
<td>2000</td>
<td>Elevated to High Court Judge and appointed Dame of the British Empire</td>
</tr>
<tr>
<td>2003-</td>
<td>Presiding Judge of the South Eastern Circuit</td>
</tr>
<tr>
<td>2005</td>
<td>Honorary degree (LLD) from the University of Sheffield</td>
</tr>
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* First woman
The University’s Nobel Prize-winners

“The whole of my ... estate ... shall be annually distributed in the form of prizes to those who, during the preceding year, shall have conferred the greatest benefit on mankind.” So reads the Will of Alfred Nobel, Swedish chemist and engineer. First awarded in 1901, the prizes confer worldwide recognition on the winners. Five scientists with close connections to the University are Nobel Laureates.

1945 Medicine / Physiology Prize

Lord Florey (Joseph Hunter Chair of Pathology 1932-35) for isolating and purifying penicillin and discovering its therapeutic effect in infectious diseases.

HRH Prince Philip visited the University on 29 October 2004 to open a new building dedicated to the memory of Howard Florey. During his time at Sheffield, Florey worked in laboratories on the top floor of the north wing of Firth Court. The Florey Building is next to this north wing and accommodates staff from the Department of Biomedical Science, who are studying the cellular and molecular mechanisms underlying muscular dystrophy, hearing loss, asthma and arthritis.

“George Porter – a delightfully suave lecturer, not quite grasping some of the mathematical nuances of his presentations but effortlessly in charge when smart-ass undergraduates pointed this out. Fun at parties!”

Richard Horobin (BSc 1961, PhD 1964)

“Professor George Porter was very good, he even made Thermodynamics and Boltzman statistics sound easy (they were not) ... in my first year, my tutor was Harry Kroto, who gave me my first insight into the concept of entropy.”

Anthony Toole (BSc 1965)

“I had originally applied to Sheffield because I knew that Hans Krebs had been a professor there. A highlight was watching the Scala Cinema being demolished. I was saddened to think that Krebs had done some of his seminal research in that building.”

Gabrielle Syme (BSc 1964, PhD 1974)

1953 Medicine / Physiology Prize

Sir Hans Krebs (Lecturer in Pharmacology 1935-45, Professor of Biochemistry 1945-54) for the development of the Krebs Cycle, which explains how life-giving energy is set free in cells by oxidation of glucose to carbon dioxide and water.

“The ‘Krebs Cycle’ has now taken its place among those classic scientific discoveries which bear their authors’ names. The behaviour of the cells of animal tissue in the process of nutrition was for the first time shown to conform to a simple and illuminating pattern, which made sense of a great mass of existing information. This result was achieved by the intense and sustained drive of a penetrating mind. Krebs himself has been heard to say that scientific research is like an aeroplane, which must attain a certain impetus before it can leave the ground. None could deny that he himself took off.”

Extract from the Public Orator’s speech in presenting Sir Hans Krebs for an honorary degree (DSc) in 1959
1967 Chemistry Prize

Lord Porter (Professor of Physical Chemistry 1955-66) for his discovery of flash photolysis, a technique which enabled chemists for the first time to measure the speed and mechanism of certain reactions that occurred too quickly for detection by conventional methods.

“The 11-year association with Sheffield University gave George Porter and his family great joy. By 1961 he had gathered together a group of physical chemists who propelled physical chemistry into the front rank of the international scene. By the time he left Sheffield, the university was recognised for its standing across the whole of the chemical sciences.”

*Extract from Lord Porter’s obituary by a close colleague Ronald Mason, The Independent, 4 September 2002*

Another former colleague, David Cook, writing in The Times, relates how Porter and his wife Stella transformed the social life of the department:

“From my days as a young research fellow I particularly remember him during one of his ‘at homes’ performing his party trick. He placed a half-pint glass of beer on his forehead (while standing) and – through a series of contortions including lying down and using both feet – managed to drink it without touching it with his hands or spilling a drop.”

1993 Medicine / Physiology Prize

Richard Roberts (BSc Chemistry 1965, PhD 1968) for his discovery of ‘split genes’, thereby disproving the long-held theory that genes in plants and animals were made up of continuous segments of DNA. This has important biological, medical and evolutionary consequences.

Recalling the occasion when the breakthrough happened in 1977, Dr Roberts said:

“It was probably the best moment of my life – moments like that don’t come along very often in science. Everybody thought that genes were laid out in exactly the same way, and so it came as a tremendous surprise at the time. It was one of those discoveries where dogma is completely overthrown.”

“I was admitted to Sheffield University, my first choice because of their excellent Chemistry Department. I graduated in 1965 with an upper second class honours degree. As an undergraduate, David Ollis, the Professor of Organic Chemistry, really caught my imagination. His course emphasized problem solving, not memorization. Fortunately, he accepted me as his PhD student and I began to explore the neoflavonoids found in a piece of heartwood from a Brazilian tree.”

*Extract taken from Les Prix Nobel. The Nobel Prizes 1993, Editor Tore Frängsmyr. [Nobel Foundation], Stockholm, 1994*

Dr Roberts was back in Sheffield on 15 March 2005 to name the newly-refurbished East Wing of the Department of Chemistry, on Brook Hill, as the Richard Roberts Building. He also unveiled a sculpture of the DNA double helix – the *Flipped-Out Base* by Andrew Langley (pictured right) – which takes pride of place in the new entrance hall.

1996 Chemistry Prize

Sir Harry Kroto (BSc Chemistry 1961, PhD 1964) for discovering a new form of carbon, known as ‘buckminsterfullerene’, which stands alongside the two other well-defined forms, diamond and graphite.

“I became ever more fascinated by chemistry – particularly organic chemistry – and was encouraged by my sixth form chemistry teacher to go to Sheffield University because he reckoned it had, at the time, the best chemistry department in the UK (and perhaps anywhere) – a friendly interview with the amazing Tommy Stephens (compared with a most forbidding experience at Nottingham) settled it.”

“I managed to do enough chemistry in between the tennis, some snooker and football, designing covers and posters for ‘Arrows’, painting murals as backdrops for balls and trying to play the guitar, to get a first class honours BSc degree (1958-61) and a PhD (1961-64) as well as some job offers. I also got married.”

*Extracts taken from Les Prix Nobel. The Nobel Prizes 1996, Editor Tore Frängsmyr. [Nobel Foundation], Stockholm, 1997*

Named in honour of Sir Harry, the Kroto Research Institute will be developed over the next two years on the University’s new North Campus. The institute will focus on a range of research including futuristic materials, environmental engineering, human tissue growth and virtual reality for scientific use.
Edwardian Britain on film

For the first 13 years of the 20th century filmmakers Sagar Mitchell and James Kenyon travelled across the North of England, Scotland, Ireland and Wales, filming the everyday lives of people at work and at play. The films were made to be shown at fairgrounds. For 70 years, 800 rolls of their early nitrate film remained in sealed barrels in the basement of a shop in Blackburn. Rediscovered in the early 1990s, and subsequently acquired by the British Film Institute (bfi) in 2000, the collection has been the subject of an ambitious four-year restoration and research project.

Dr Vanessa Toulmin, Research Director of the National Fairground Archive, based at the University, has been working on the collection for ten years. In 2001 the Arts and Humanities Research Board awarded a grant of nearly £150,000 to allow an in-depth analysis of the content of the films. Vanessa and her team have dated and contextualised them, revealing the importance of the travelling showmen in commissioning and exhibiting actuality film.

A three-part TV series for BBC2, *The Lost World of Mitchell and Kenyon*, was broadcast in January 2005. Vanessa was the historical consultant, and wrote the voiceover script and accompanying booklet for the DVD. She is also one of the editors of the bfi publication *The Lost World of Mitchell and Kenyon: Edwardian Britain on Film*. She has taken a selection of the films on tour around Britain, Europe and the USA and comments, “The films challenge our preconceptions of Edwardian history. You can almost recognise yourself on screen.”

New bursaries

The University is now offering three new bursary schemes as part of its Access Agreement with the Office of Fair Access: Income Bursaries, Prior Achievement Bursaries, and Outreach Bursaries. Vice-Chancellor Professor Bob Boucher explains, “These bursaries represent a real improvement for students from low income households, who will now not have to pay any tuition fees upfront and will also benefit from bursaries towards their living expenses. We believe that students should be recruited on their intelligence and academic ability, not their ability to pay.”

Medical laboratories opened

Four floors of the Medical School building have been refurbished to provide advanced research laboratories for researchers. Dr Mark Walport, Director of the Wellcome Trust, opened the £13.6 million Henry Wellcome Laboratories for Medical Research on 26 November 2004.
Canvassing opinion

The School of Nursing and Midwifery is one of the biggest and best-resourced teaching and research centres of its kind in the UK. In the most recent national Research Assessment Exercise it was awarded the highest grade five, putting it amongst the top four Schools in the country. Since its integration into the University in 1995, research capacity has expanded rapidly, assisted by senior joint appointments with NHS Trusts.

Underpinning much of the research activity are partnerships between the School and local health and social care providers. Similarly, there are close ties between researchers and the people who use these services. Amanda Cowan, Research Support Co-ordinator, explains, “User involvement is central to our work, and it is a theme that crosses the boundaries of academic departments and research groups. We like to ask questions to find out what people really feel about something – a service, a training programme, a procedure – so that the results can be used to enhance practise or develop meaningful enquiry.”

Recent groups who have contributed to this process include children in hospital wards, people with learning disabilities, care home residents and lung cancer patients. Amanda adds, “We talk to people one-to-one or in focus groups, we host conferences and seminars, we run local community user groups and we send out questionnaires and our newsletter, READ. This work may involve University alumni at one time or another and we appreciate their contributions.”

Obituaries

We were saddened to hear of the deaths of the following academic staff, friends and supporters of the University:

Dr Roger Bullivant, Department of Music 1949-1986, honorary graduate (DMus 1999), died on 20 November 2004, aged 83.

Professor Donald Stephen Dugdale, Department of Mechanical Engineering from 1961, John Brown Chair in Cutting Tool Technology 1969-1985, died on 13 January 2005, aged 75.


Emeritus Professor Douglas Northcott FRS, Town Trust Professor of Pure Mathematics from 1952-1982, died on 8 April 2005, aged 88.

Charles Ryan, honorary graduate (MA 1988) who lived for many years in Argentina and opened his home to many Latin American students, aged 91.

Dr Geoffrey Tattersall, a member of University staff since 1962 and Reader in Building Science until 1984, died on 24 November 2004, aged 78.

Approval for Student Residences Strategy

The University faces many challenges in providing safe and appealing accommodation for its students, whilst respecting the needs of local communities and the environment. The Student Residences Strategy does just this, in a sustainable and deliverable way, that will not only benefit the University and those who choose to study here, but also local communities and the economy of Sheffield as a whole.

The University’s application to redevelop and improve its student accommodation in the Ranmoor and Endcliffe areas of the city was approved by the West Planning and Highways Area Board on 10 May 2005. The plans were originally launched last summer and have developed significantly in consultation with local stakeholders.

The Strategy has three key elements:

- the sale of University properties located in traditionally residential areas, which will then be returned to private residential use. In addition, some other University-owned buildings such as Tapton Hall will be sold for redevelopment as private residential properties;
- the development and refurbishment of new and existing properties in the Endcliffe and Ranmoor areas, creating a state-of-the-art Student Village for the University, whilst preserving historic buildings and features in the area;
- the University will work with private operators to offer a wider range of accommodation to students and to provide increased capacity.

For further details visit www.sheffield.ac.uk/newresidences

Fairtrade status

The University and the Union of Students have signed up to the five goals required to gain accreditation as a Fairtrade university, which means that Sheffield is committed to stocking Fairtrade products.

Coffee in all Union outlets is exclusively Fairtrade, a range of Fairtrade products are available in the Union shop, and Fairtrade tea and coffee are options in University cafés and restaurants.
Sheffield is an outward-looking university, keen to attract students from across the globe. International students make a significant contribution to campus life, accounting for 16 per cent of the student population. “I am always struck by the loyalty of our overseas graduates to this university. For many, coming here is a defining experience,” comments Tim Crick, Director of Student Recruitment and Admissions. “The level of emotional attachment to Sheffield is very moving.”

He continues, “We are a premier league, research-led institution with a worldwide reputation for quality. We enjoy close links with industry, commerce and the professions, and have an outstanding record of success in attracting external research funding. This reputation is the focus of our promotion of the University overseas.”

“The University is a founder member of the Worldwide Universities Network, an international consortium of 13 research-led universities,” adds Gosia Wells, Director of the International Office. “Together, we are capitalising on the growing global demand for research, postgraduate degree programmes and continuing professional development.”

Many countries, as part of their national development programmes, send their staff overseas to gain respected international qualifications at universities such as Sheffield. The University enjoys a strong relationship with several overseas sponsors. An example is the Mexican National Council of Science and Technology (CONACyT); Sheffield is one of the largest receivers in the world of Mexican-sponsored students. Other high-level research students receive backing from organisations such as the World Bank. POSCO, in South Korea, sponsors a Chair in Iron and Steel Technology in the Department of Engineering Materials, and Tata Steel, India, has provided PhD sponsorships since the 1920s.

The academic pedigree of the University remains its principal attraction, but the issues of safety and cost give it added appeal. The latest Home Office figures rank Sheffield as the safest large city in England and the costs of living are relatively low.

The International Office raises the profile of the University overseas, not only in schools, colleges and universities, but by contact with Governments, Ministries, the media and industry. The office’s staff provide information, advice and assistance to international students throughout the application process, working in teams with responsibilities for different regions of the world.

“We cover the globe, working directly in over 30 countries,” says Gosia. “Our officers can be abroad for three to four months each year, attending education fairs, giving talks and offering one-to-one counselling. We also employ education consultants who are based in certain countries, to reinforce our work.” The University has an office in Kuala Lumpur, Malaysia, which supports the International Office’s work throughout the South East Asia region.

The International Office’s staff, through their regular visits abroad, develop an understanding of different overseas education systems and cultures. This knowledge is used to good effect when offering advice to potential students. The office is always grateful to hear from alumni who are willing to get involved with promoting the University in their own countries. “We really appreciate it when international alumni help us,” says Gosia. “They get involved at education fairs, talking to prospective students, giving practical advice and sharing their experiences. Current students and alumni make wonderful ambassadors for the University.”

Back in Sheffield, the office supports academic departments in dealing with overseas applications and provides advice on the equivalence of international qualifications. The office also manages student exchange programmes with partner institutions in many countries across the globe.

The University provides a range of further support for students once they get to the UK, under the umbrella of the Student Services Department. The English Language Teaching Centre, which is accredited by the British Council for the quality of its teaching and services, offers free English Language classes to all registered overseas students. The Students’ Union has an elected post of International Students’ Officer, who draws attention to international students’ concerns and views. Harpreet Bhal, in post in 2004/2005, adds, “Our international students are part of a vibrant melting pot of cultures. We realise this and we celebrate it.”
A week in the life of…
Rachel Dodd, Associate Director, International Office

Monday
I'm in the middle of a recruitment visit to Japan and spend the day counselling students with our local agent in Tokyo. Give a briefing to the agent's new staff and then go for dinner with some alumni. Get back to the hotel at 10pm; realise that staff in Sheffield will be at work so spend an hour or so catching up with emails.

Tuesday
Early start with breakfast meeting with the British Council (BC) Tokyo at 8am; participate in a BC exhibition and spend the day talking about Sheffield to prospective students. Finish around 5pm, then head to the station to make the three-hour journey to Osaka. Arrive at the hotel just in time to grab dinner. Get to bed around midnight (an early night!).

Wednesday
Finalise arrangements for my next overseas visit to India. Receive emails from the students I met in Tokyo who all have urgent questions. Have lunch with the BC staff in Osaka and spend the afternoon visiting local schools. Give the same talk three times and my laptop breaks for the final one! Dinner with BC staff and then back to the hotel to contact Sheffield. Problems with the adverts for the India visit – emails between Tokyo, Delhi and Sheffield span three different time zones!

Thursday
Very early start to make the long journey back to Sheffield; up at 5am to catch coach to airport and then 14 hours in the air back to Manchester. Use time waiting in Amsterdam to contact the office. Travel back to Sheffield, get home at 9pm and realise I've been on the go for 24 hours.

Friday
Go into the office today for the team photo for Your University – a rare occasion as we’re all in Sheffield and not somewhere else in the world! Lots of deadlines for projects including our new website and planning for the next overseas visit – everything happens at once!
Convocation

For this, the third edition of Your University, I am writing an ‘end of term’ report with my time as Chairman of Convocation concluding after four extremely interesting, as well as unexpected, years.

I feel very privileged to have held office as our University celebrates its Centenary – my theme for these thoughts.

For some readers, 2005 will be the first time you have returned to the University since graduation; for others it will have been a good intention that failed to come to fruition; and maybe there are those for whom the thought never crossed their mind. I wonder which category you fall into.

For those of us who have already enjoyed participating in the celebrations, I trust the experience has refreshed the good memories of our time in Sheffield and left a wish to develop and maintain a positive relationship with the University. For all who have not yet made it back to Sheffield, remember you will always be welcome.

Convocation has been proud to contribute to the Centenary. We commissioned a piece for string quartet with its première, by The Lindsays, on 4 June 2005. Composed by Robin Ireland, our brief was for a celebratory work of about ten minutes with a level of difficulty that could be tackled by a student quartet. It was also on Convocation’s initiative that an archive of memories of the Sheffield experience has been established from graduates across the decades. This archive constitutes a resource which can continue to be developed and already has been used in writing the Centenary history, Steel City Scholars.

In conclusion, the Centenary Year has been an apt time for Convocation to enter into discussions with the Sheffield University Association and relevant colleagues within the University to explore the possibility of establishing a single organisation for former students and staff of the University enabling them to keep in touch with the University. I trust the next edition of Your University will carry further news of this proposal.

Yours sincerely

Peter R Downey
Chairman of Convocation
Email: peter.downey@surf3.net

The Lindsay Quartet

The Lindsay Quartet, one of the world’s most distinguished string quartets, gave a recital in Firth Court on 4 June 2005. It was one of the quartet’s last recitals together, at the end of a 40-year partnership which included six years as Quartet in Residence at the University.

The Centenary recital included the new piece written by Robin Ireland for the University. “The specification was to write a work of a celebratory nature,” he explains. “I started by thinking about what I want to give the listener. I want the work to delight, fascinate, exhilarate and move – and not to take itself too seriously. I work with contrasts, colours, textures, rhythm, vitality, silences and humour, and of course it’s written with the Lindsays in mind – each player has an extensive solo. The slow movement is unashamedly Mahlerian in its harmonic language and emotional mood – it’s a ‘farewell to the Lindsays’ movement.”

Annual General Meeting

This is a preliminary notice that the AGM for the academic year 2005/2006 will be held on Saturday 15 July 2006 at 11.00am at the University of Sheffield.

The business will comprise:
1. Elections for the Officers and Executive
2. Reports from the Committees on the year’s work
3. Presentation of the Statement of Account in respect of the Convocation Fund
4. Any amendments to the By-Laws
5. Consideration of any motions which may be tabled.

If you would like to attend and receive further details next year and are not already on the Abridged Register, please register your details (full name, surname whilst at Sheffield if different, address, date of birth and Sheffield degrees) by emailing development@sheffield.ac.uk or writing to the Secretary and Clerk to Convocation, 9/12 East Parade, Sheffield, S1 2ET.
New generation of clever robots

Researchers at the University have been awarded a £1.9 million grant by the EPSRC to develop a new generation of robots that can respond to their environment in the same way as humans and animals. The research team will aim to understand the way in which animals process sensory information to make behavioural decisions. They will then use this information to develop a new breed of robots that can make action decisions based on their environment.

The project is led by Dr Kevin Gurney from the Adaptive Behaviour Research Group of the Department of Psychology. The objective of the project is to build ‘intelligent’ robots that are able to multi-task like humans. The team, from a number of leading UK universities and BAE Systems plc, will combine brand new understanding about the animal brain and visual system with cutting edge robot and ‘chip’ technology to develop the robots. While the research will focus on using visual information, the ultimate aim is to understand common principles that can apply to any sensory system driving behaviour.

Dr Gurney says, “Essentially, the new breed of robot will be able to notice any sudden change in their surroundings – such as something appearing in the periphery of its vision – and will make an almost instantaneous decision as to whether the change warrants any action.”

He anticipates that the project will have far-reaching consequences for our understanding of the brain and the application of that knowledge in robots in diverse fields: “Robots that can interpret and respond to their surroundings could, in the future, be used to construct devices to aid people with disabilities, or to help in hostile environments such as deep oceans or space.”

News from the Advanced Manufacturing Research Centre

The Advanced Manufacturing Research Centre (AMRC) with Boeing is a multi-million pound partnership which builds on the shared scientific excellence, expertise and technological innovation of the world’s leading aerospace company and the world-class research within the University’s Faculty of Engineering.

On 11 May 2005, over 100 delegates from around the world attended an Institution of Mechanical Engineers seminar – ‘Advanced Manufacturing Methods for the 21st Century’ – hosted by the AMRC with Boeing. The seminar allowed suppliers and designers to witness the latest manufacturing methods present: the latest tools and techniques available; and to see how the use of these methods can increase productivity and competitiveness while decreasing cost and impact on the environment.

Adrian Allen, Commercial Director of the AMRC, explains, “To be chosen to host such a prestigious event shows that Sheffield and the AMRC are truly at the cutting edge of metals technology. The research we undertake here has a direct impact on industry and affects technologies and products all over the world.”

For more information on the AMRC visit www.amrc.co.uk

Contributors to the conference: (left-right) Dr Xinhua Wu, University of Birmingham; Dr Barry Smith, Rolls-Royce; Dr John Baumann, Technical Fellow, The Boeing Company; David Heck, Boeing Phantom Works; Dr Rosemary Gault, AMRC; Frank Kirkland, Rolls-Royce; Dr Plato Kapranos, AMRC; Dr Andrew Levers, Airbus

News in Brief

Snomipede technology

Professor Graham Leggett, of the Department of Chemistry, is leading a multi-disciplinary team from the Universities of Sheffield, Nottingham, Manchester and Glasgow to develop a nanotechnology tool that will enable them to create tiny molecular structures on scales as small as 13 nanometres (a nanometre is equal to one billionth of a metre). It is hoped that the Snomipede could enable advances in areas as diverse as the understanding of the origins of disease and the low-cost commercial manufacture of plastic computer chips. The group has been awarded a £3 million grant by the Engineering and Physical Sciences Research Council (EPSRC).

Materials of the future

The Ceramics and Composites Laboratory in the Department of Engineering Materials was opened by Professor Randal Richards, from the EPSRC, on 29 September 2004. The EPSRC has awarded the research group funding of £6 million, as part of their Portfolio Partnership Scheme. The group are developing new materials, including ones that could make aeroplanes invisible to radar and ceramic knives that are sharper than any steel counterpart.

First British Glacial Map

Dr Chris Clark and colleagues from the Department of Geography have compiled over 150 years of scientific discovery to create the Glacial Map. It identifies over 20,000 geographical features, including moraines, the movement of large rocks carried by glaciers, and a huge system of ice-dammed lakes that existed over the Vale of York and the lowlands surrounding the Wash.

Collecting missing scripts

The Theatres Act of 1968 obliges theatres to deposit a copy of every new script performed in a licensed space at the British Library. Dr Kate Dorney, as part of the AHBB British Library/University of Sheffield Theatre Archives Project, has been investigating which scripts were missing from the British Library’s collection, collecting copies and interviewing anyone who might know anything about this important (and forgotten) piece of theatre legislation. Over 1000 missing scripts have been identified so far.
Visits by Czech and Dutch Ambassadors

Sheffield is one of only five universities in the UK where Czech is taught. His Excellency Štefan Füle, the Czech Ambassador, visited the Department of Russian and Slavonic Studies on 13 April 2005. He also saw the Hartlib Collection in the University Library, which contains the largest selection of manuscripts by the Czech Enlightenment scholar Comenius outside the Czech Republic. A panel discussion with students, staff and guests on the topic ‘One Year On: The Czech Republic in the EU’ concluded the visit.

The University welcomed the Dutch Ambassador, His Excellency Count Jan de Marchant et d’Ansembourg, on 21 April 2005. His visit marked the addition of the Peter King Collection of Dutch language, literature and history books to the Library.

Global Flavas

The Union of Students held its annual International Food Evening on 27 November 2004. Organised by the International Students’ Committee, Global Flavas had 23 participating societies, more than ever before, reflecting the growing on-campus international diversity at Sheffield. They included the following groups: African and Caribbean, Arab, Chinese, Chinese Students and Scholars Association, Hellenic, Hindu Students’ Forum, Indian, Indonesian, Iranian, Japanese, Kenyan, Korean, Malaysian, Omani, Pakistani, Palestinian, Singaporean, Sikh, Scandinavian, Slavonic, Sri Lankan, Taiwanese, and Thai.

Over 1,200 guests attended the event to sample the range of world cuisines cooked and prepared by the competitors. Once judging was complete, several societies performed live dances or songs from their home countries before the winners were announced. The Omani Society won the Best Food award and also went on to win the overall title, while the Sri Lankan Society won the category of Best Stand Decoration. The final event was a charity auction which raised £280 for the Sheffield Children’s Hospital.

Mr Lu in Sheffield

Miles Stevenson, Director of Development, is on the trail of Cheng Chang Lu from Shanghai, whom he thinks was one of the earliest international students at the University. He has a record card for him studying for a Metallurgy degree in 1907. The St Andrew’s Literary Society, linked to St Andrew’s Church on Upper Hanover Street, notes that ‘Mr Lu, who became a minister of the Imperial Government of China, first ventured to speak in public whilst attending Sheffield University.’ Could this be the same Mr Lu? Miles is keen to hear from any alumni who can shed light on this mystery.

US alumni celebrate centenary

Over 40 alumni joined the Vice-Chancellor and Nobel Laureate Dr Richard Roberts at a celebration dinner at the University Club, New York, in May 2005. The event also saw the formal launch of ‘University of Sheffield in America, Inc’, a 501(c)(3) non-profit organisation established last year to enable US tax payers to support the University. American donors have already generously given over $20,000 to the fund, which will be used to support students and projects in Sheffield.

Degree ceremonies in Greece and the Caribbean

CITY College, Thessaloniki, Greece, was the setting for two degree ceremonies on 13 November 2004. The College is an affiliated institution of the University. The Vice-Chancellor, Professor Bob Boucher, presided over the events at which undergraduate and postgraduate degrees were awarded. An honorary degree was also conferred upon Goran Bregovic (DMus), the acclaimed Yugoslavian musician and composer, for his contribution to the cultural development of South East Europe. The previous night he performed exclusively in honour of graduates, staff and guests, many dancing in the aisles.

Special presentation ceremonies were held in Tobago and St Lucia in January 2005. Degree certificates were awarded by the Vice-Chancellor to 40 local educators, who had completed distance learning programmes in Education. His Excellency Julian Robert Hunte, Minister of External Affairs from St Lucia, and His Excellency Professor George Maxwell Richards, President of the Republic of Trinidad and Tobago, received honorary degrees (LittD).

Global perspective

The Lord Mayor of Sheffield, Councillor Michael Pye, with HE Stefan Füle
Global Fusion
This year’s Global Fusion event, on 16 April 2005, proved to be another huge success for the International Students’ Committee. The aim is to showcase the talents of current international students, through musical and dramatic performances by the national student societies, and to show diversity and unity through song and dance. Highlights included belly-dancing, flamenco and a Japanese language production of Romeo and Juliet. Over 1,000 students, staff and members of the public attended. Food was provided by the Omani and Indonesian Students’ societies and a charity raffle was held with prizes on offer from many local shops, restaurants and businesses.

Sheffield ties in Mexico
The Vice-Chancellor and Pro-Vice-Chancellor Professor Peter Fleming both visited Mexico in early 2005. Professor Boucher joined three other British Vice-Chancellors as guests of the British Ambassador to Mexico, the Honourable Mrs Denise Holt. His visit included meetings with officials at SEP (the Ministry of Education) and CONACyT (the Mexican National Council of Science and Technology), and visits to universities in Mexico City, San Luis de Potosi and Monterrey, where he also hosted an alumni dinner. Professor Fleming visited four universities in Mexico City en route to a conference in Guanajuato, at which he gave the plenary address.

Alumni support University in Oman
The International Office’s Gosia Wells and Stephen Parkin visited Muscat, Oman, in April 2005. They attended GHEDEX (Gulf Training and Education Exhibition), the key student recruitment event for Oman. Through the Sheffield Omani Student Society, Stephen Parkin invited recent Sheffield graduates to assist on the exhibition stand. Mohammed Al-Aghbari and Abdul Rahman Al-Busaidi provided invaluable support, sharing their experiences of Sheffield with prospective students. They both graduated in 2004 in Chemical and Electronic Engineering respectively, and now work for Petroleum Development Oman. Mr Al-Aghbari said, "I very much enjoyed the event and wanted to help as I would do anything for Sheffield."

Nigerian alumni group
There are over 250 University of Sheffield alumni living in Nigeria. Some of the Lagos-based alumni were very keen to get together for regular meetings and social events. As a result, the first meeting of the Nigerian alumni group was held on 23 January 2005. It was hosted by Stephen Parkin, Associate Director of the International Office, and Laide Agboola (MEng 2001), who more recently graduated may remember as the International Students’ Secretary 2001/2002. Laide was voted President of the group and Professor Lateef Salako (PhD 1969) has been named as its Honorary Head. Stephen Parkin visits Nigeria regularly to meet students who are interested in studying at the University. If you would like to help by sharing your Sheffield experiences with interested students, email Stephen at stephen.parkin@sheffield.ac.uk. To find out more about the Nigerian alumni group, email Laide at laide.agboola@ibclagos.com

Students go for gold
Students from many UK universities took part in one of the largest Malaysian sports festivals in the country on 5 March 2005; there were also several teams from Germany. The Sheffield Malaysian Student Association (SMSA) and the Malaysian Singaporean Society (MASSOC) hosted the annual Sheffield Malaysian Games at the Concord Sports Centre in Sheffield. Around 1,000 athletes took part in outdoor and indoor games, including football, netball, volleyball, badminton, chess, table tennis and basketball. The motto for this year’s event was ‘Unity through Sportmanship’. SMSA has organised the event since 1999.
Staff and students

**Professor John Birds** (Law) has been elected President of the Society of Legal Scholars.


**Professor Brian Brown** (Medical Physics and Clinical Engineering) has been awarded the Herman Schwan Award at the International Conference on Electrical Bio-impedance.

**Professor Bob Boucher**, Vice-Chancellor, has joined the Board of Yorkshire Forward, the regional development agency. He has also been appointed a member of the Steering Panel of the International Review of Engineering (Engineering and Physical Sciences Research Council and the Royal Academy of Engineering).

A University dermatology team based at Sheffield Children’s Hospital has been named Healthcare Professionals of the Year in the National Eczema Society’s 2004 awards. The team is headed by **Dr Michael Cork** (Division of Genomic Medicine) and Paediatric Dermatology Nurse, **Julie Carr**.

**Dr John Hart** (Mechanical Engineering) has received a CFD User of the Year award from Fluent Incorporated, a world leader in CFD (computational fluids dynamics) software and services. The award has been made in recognition of Dr Hart’s work with the University’s Sports Engineering Research Group on helping the British Cycling team develop their state-of-the-art track bike.

**Dr Alison James** (University Health Service) received the Innovative Clinical Care Award from GP magazine and the Royal College of General Practitioners, in recognition of her pioneering clinic for eating disorders.

**Professor Richard Jenkins** (Sociological Studies) has been elected an academician of the Academy of Learned Societies for the Social Sciences.

**Dr Malcolm Jones** (English Language and Linguistics) was awarded the Brenda McCallum Prize by the American Folklore Society, and also the Folklore Society’s Katherine Briggs Award.

**Professor Sir Ian Kershaw** (History) has been awarded honorary degrees by the Universities of Manchester (DLitt) and Stirling (DUniv) for his achievements in modern German history.

**Professor Aleksander Pavic** (Civil and Structural Engineering), **Dr Mirella Lapata** (Computer Science) and **Dr Shaowei Zhang** (Engineering Materials) have been awarded Advanced Research Fellowships by the Engineering and Physical Sciences Research Council.

**Emeritus Professor John Rogerson** (Biblical Studies) has been awarded an honorary doctorate by the Friedrich-Schiller-Universität Jena, Germany, in recognition of his contribution to the history of German Biblical scholarship in the 18th and 19th centuries.

**The Sheffield University Wind Orchestra** got through to the finals of the National Concert Band Festival for the fourth year running. They won Bronze at the event, held at the Royal Northern College of Music, Manchester.

**SheffieldVolunteering’s Hub** initiative has been recognised by the Higher Education Active Community Fund and the Careers Research and Advisory Centre as a model of Good Practice. The Hub provides a package of support and administrative services to enable departments to develop and co-ordinate community volunteering activities. SheffieldVolunteering is based in the Union of Students.

**Professor Charles Stirling** (Chemistry) was awarded an Honorary Fellowship by the University of Wales, Bangor, for his work in the fields of organic chemistry and public appreciation of science.

**Professor Geoff Tucker** (Clinical Sciences South) and **Dr Amin Rostami** (Clinical Sciences South) were awarded the New Safer Medicines Faster Award 2004 of the European Federation for Pharmaceutical Sciences.

**PhD student Paul Thomas** (Animal and Plant Sciences) emerged victorious from the *Dragon’s Den*, the BBC2 business programme. He successfully pitched for £75,000 to grow truffles commercially in France. Paul was also a joint winner of the 2004 Business Plan Competition run by the White Rose Centre for Enterprise.

**Professor Alan Walker** (Sociological Studies) has been appointed Director of the Economic and Social Research Council’s New Dynamics of Ageing Programme.

**David Walker FRS**, Emeritus Professor of Photosynthesis (Animal and Plant Sciences) is the first recipient of an award from the International Society of Photosynthesis Research, for his outstanding efforts to communicate photosynthesis to the general public.
Alumni

David Blunkett (BA 1972) has been re-elected as Member of Parliament for Sheffield Brightside. He has been appointed Secretary of State for Work and Pensions.

Professor John Brooks (BSc 1970, PhD 1974) is the new Vice-Chancellor at Manchester Metropolitan University; and Professor Paul Curran (BSc 1976) has been appointed Vice-Chancellor of the University of Bournemouth. They join other alumni who are Vice-Chancellors – Professor Michael Sterling (BEng 1968, PhD 1971, DEng 1988, Hon DEng 1995) at Birmingham and Professor David Melville (BSc 1965, PhD 1970, Hon DSc 1997) at the University of Kent at Canterbury.

Heledd Charles-Williams (MEng 2004) was named as the best Chemical Engineering Student 2004 at the national Science, Engineering and Technology Student of the Year awards. She received the award for her work developing new processes to stabilise a chemical used in the production of hi-tech glass.

Tessa Haynes (MB ChB 2004) was awarded the Royal College of Obstetricians and Gynaecologists’ Tim Chard Case History Prize, for her study on screening for ovarian cancer in high-risk groups.

Paul Holmes (PGCE 1979) has been re-elected as Member of Parliament for Chesterfield.

James Horner (BA 2004) won the PilkingtonActiv™ Student Spectrum Awards, for the best use of glass in student work.

Nicole Hudd (MB ChB 2004) won the ARC Prize in Rheumatology, awarded by the Arthritis Research Campaign.

Loh Lik Peng (LLB 1995) has been named New Tourism Entrepreneur of the Year in the Singapore Tourism Awards 2004 for ‘introducing new concepts to the hotel industry in Singapore and his continuous search for new opportunities’. His Hotel 1929, in the city’s Chinatown, opened in 2003 and has drawn a great deal of attention with its contemporary interiors – and collection of classic vintage chairs. It was also named Best Budget Hotel by Time Asia magazine in 2004.

Ian Sharpe (BSc 1993, MPhil 1995) had a successful time at the 2004 Paralympics in Athens. Competing in the cycling B1-3 category, Ian (pictured far left) and his sighted pilot Paul Hunter won two bronze medals – in the tandem 4km individual pursuit and the tandem 1km time trial. Ian now has five silver and five bronze medals from the past five Paralympics. He switched to cycling from swimming for Athens; he explains, “it was increasingly difficult to fit in swimming training around my work, getting the necessary pool time. A lot of preparation for cycling can be done in the gym, making training easier. Paul and I work well together – you need synchronisation to pedal our combined mass of 200 kilos effectively. I’d love to win a Paralympic gold, but I have been competing for 22 years now since the age of 12 and so I’m no spring chicken! I owe a lot to Sheffield. I got a great deal of support from the staff at Goodwin and my lecturers in the Pure Maths Department.”

Jenna Sloan (BA 2004) won the NUS/Daily Mirror National Student Media Award for Diversity. She was also runner-up in the Best Student Feature Writer category.

Graham Stringer (BSc 1971) has been re-elected as Member of Parliament for Manchester Blackley.
### Letters

#### Rag remembered

I have memories of many famous stunts carried out by Sheffield students. There was the painting of a zebra crossing on the M1 when Barbara Castle was to open it; the painting of HMS Twikker on the QE2 on Clydeside before she was launched; the hanging of a banner on Concorde at the Filton Works in Bristol before its first flight and the installation of a large spider on a tower crane on the biology block as it was being built – next to the main University buildings.

**John Carpenter (BEng 1969)**

During Rag Week in 1958, I ran three legs in the 180-mile Twikker Relay run from Sheffield to London where we presented a copy of Twikker to Harry Secombe on the steps of the Palladium. The six of us in the picture were the ‘formation team’ who ran the final leg down Oxford Street, with a police escort.

**Philip Schofield (MB ChB 1964)**

The Chinese dragon, circa 1952/53, was constructed and ‘manned’ by Architecture students, helped by undergraduates from other Faculties. All the material used (timber, canvas, cardboard and lots of string) were contributed by local businesses, who were always generous, particularly the steel firms, who for years provided drivers and trucks for use as theme floats. The 20-manpowered beast managed to stay mobile as long as the Tennants and Wards lasted, which was for most of the day. As I recall, it made a wonderful bonfire on a bomb site that night.

**Arthur Higginbottom (Dip Arch 1954)**

#### Union membership

My recent visit to the University reminded me of my life membership of the Union of Students. After graduation, we had one year’s Associate Membership free of charge and then would become Life Members on payment of (I believe) £20, within five years. My wife [Margaret Bond, BSc 1939, DipEd 1940] and I joined on 23 November 1944, when we were visiting the University. We made a round of many of the staff (not on war duties) and this included Miss Turner, a Senior Lecturer, known universally by those who came in contact with her as ‘Emily’, in the Chemistry Department. She chided us for not joining the Union and so we went over to the Graves Building there and then. The advantage was that since the Union was affiliated to the NUS, life members could use any other Union in the UK.

**Donald Tomlin (BSc 1940)**

#### Eye-witness account

I have a commemorative medal that I believe relates to the University’s opening in 1905. It has the heads of King Edward VII and Queen Alexandra on the obverse and the University beautifully depicted in relief on the reverse. I think it is possible that my paternal grandfather, Joseph Henry Swift of Hillsborough, made some contribution to the foundation and received this medal in acknowledgement and recognition. Also in my possession is my grandfather’s diary and on 12 July 1905 it reads: “King Edward the seventh and the Queen paid a short visit to Sheffield today to open the University Buildings, and to unveil the Memorial to the soldiers who fell in the late South African War. It was a very fine day and everybody seemed to enjoy themselves very much from the King down to our Floss [his youngest daughter].”

**Betty Barraclough, wife of the late Frank Barraclough (MA 1937)**

#### Fifty years on

I have delved into my archives and found copies of the Programme of Open Days and also details of the visit of Her Majesty the Queen and the Duke of Edinburgh in October 1954. This latter booklet stirred memories of the Queen and Duke sitting in a glass box in the Quadrangle listening to a performance of a Masque entitled *The Birth of Steel*. I hope the Centenary Celebrations are at least as successful as those I attended in 1955.

**John Ingham (BSc 1956, DipEd 1957)**
**Heritage of America**

11 days, 13 meals • Departs 21 October 2005

Explore the cornerstones of American Democracy on a unique tour that showcases three important east coast cities, New York, Philadelphia and Washington, DC; as well as historic sites and historic homes. In Philadelphia, highlights of your tour include a visit to the Liberty Bell, Independence Hall, and Betsy Ross’ home. Visit Wheatland, the palatial home of James Buchanan, the 15th President of the United States and later in the tour, see Monticello, the beautiful home of Thomas Jefferson, the 3rd US President and author of the Declaration of Independence, and Mount Vernon, the home of the 1st President of the United States, General George Washington. Amish Country in Lancaster, Pennsylvania will delight as you learn about the fascinating history and traditions of the Amish people and enjoy dinner in the home of an Amish family. Bring to life the most decisive battle of the Civil War in Gettysburg where a narrated tour is both educational and fun. Behold amazing views of the Shenandoah Valley while travelling along famous Skyline Drive en route to Colonial Williamsburg. Here you will have free time to explore the more than 85 restored historic buildings and the fabulous Governor’s Palace and Gardens. In Washington, DC, explore the world-renowned Smithsonian Institution where you can see the fabled Hope Diamond, the gowns of the First Ladies, and so much more. Famous monuments and memorials, a visit to Arlington National Cemetery with its Tomb of the Unknowns, a visit to the Capitol building, and Ford’s Theatre, site of President Lincoln’s assassination will all leave you with a renewed insight into America’s great heritage.

*Rates include Round Trip Air from Manchester, Hotel Transfers and Departure Tax.

**Panama Canal**

14 days, 33 meals • Departs 1 February 2006

Get ready for a once-in-a-lifetime experience when you cross the 51-mile stretch that is the Panama Canal. You begin your tour in Houston, Texas, where an out-of-the-world experience awaits at Space Center Houston. Before boarding Celebrity Cruises’ Galaxy, you’ll travel to Galveston for a sightseeing excursion on the Treasure Isle Tour Train. Once at sea, there are many amenities to enjoy including a full service spa, nightclub, casino and state-of-the-art fitness center. The first stop, Cozumel, Mexico, is an island paradise located just 12 miles off the southern coast of the Yucatan. Renowned for diving and snorkeling, you’ll also enjoy shopping for hand crafted gifts here. In Puerto Limon, travel inland to San Jose, the capital city of Costa Rica. The excitement builds upon entering the Panama Canal, where the locks gently raise your ship 85 feet up from sea level to the waters of Gatun Lake, the largest man-made lake on earth before you port in Panama’s second largest city, Cristobal Pier. Your final stop is Grand Cayman, where you’ll have many opportunities to choose from: snorkeling excursion, glass bottom boat ride, Cayman Turtle Farm or enjoy shopping and restaurants before boarding your ship for your last 2 days at sea.

*Rates include Round Trip Air from Manchester, Hotel Transfers, Departure Tax and Port Charges.

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Sheffield has a long and distinguished tradition of medical research, reaching back over 175 years. It was here that Sir Edward Mellanby discovered Vitamin D deficiency as the cause of rickets, and where the first application of penicillin by Dr Cecil George Paine took place. Pioneering research is currently taking place in fields as diverse as prostate cancer, motor neurone disease, osteoporosis and cardiovascular disease.

One way to ensure that this groundbreaking research continues is to remember the University in your Will.

A legacy to Sheffield

Funding medical research – seeking cures – training the doctors of tomorrow

“Legacies give freedom and flexibility for research which we don’t get from contracts or externally-funded projects. Start-up funding gets new and exciting ideas off the ground, by ‘pump-priming’ young researchers and new projects which have the potential to lead to major discoveries and medical breakthroughs. By remembering Sheffield in your Will, you are supporting a recognised centre of excellence and your gift could have a massive impact.”

Professor Freddie Hamdy
Head of Urology and Director, Division of Clinical Sciences

“Sheffield Medical School prepared me for a fascinating and fulfilling career and was where I made lifelong friends. I had always wanted to be a doctor and (in the 1950s) accepted unquestioningly that I would receive a Local Authority grant to help me achieve this. I am remembering the Medical School in my Will, chiefly to help provide financial security for individual students, but for the Dean to use where need is greatest.”

Dr Beryl Jameson (MB ChB 1956)

“Almost half of the funding I need for my current research has been donated from charitable sources. Without this extra help, I doubt whether I would be able to finish my research successfully. I am so grateful to have been given this opportunity.”

Mr Josh Phillips
Research Fellow, Prostate Cancer

All legacies left to the University are exempt from inheritance tax because it has charitable status. To request a copy of our Legacy Brochure, or for more information about supporting the University, please contact:

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left-right: Professor Freddie Hamdy and Mr Josh Phillips