SUCCESSFUL START TO MATURE STUDENTS SCHEME

Twelve students have been admitted to the new Access course at the Lewes Technical College, which is designed to encourage more mature students to enter higher education.

The original agreement with the College gave students, on satisfactory completion of the one-year full-time course, guaranteed admission to certain courses in the School of Cultural and Community Studies but the concept proved so popular that the scheme has already been extended to cover a range of courses in the Schools of African and Asian Studies, English and American Studies and Social Sciences and, with language qualifications, in European Studies.

Under the scheme, the University is involved in the initial selection of students for the course; candidates have to complete some written work and then attend the College for interview, at which the University is represented.

The University is also involved in the final moderation of the course, which covers a variety of areas relevant to further academic study such as numerical and statistical concepts, communication and study skills and computer literacy.

ANOTHER GRANT FOR AIDS RESEARCH

Further funding for AIDS research has been received by the University. Social Anthropology Lecturer Dr. Hilary Standing has been awarded more than £21,000 by the Overseas Development Administration (ODA) for a review of the sources on sexual behaviour in Sub-Saharan Africa, as part of the ODA’s AIDS research programme.

Dr. Standing will be working from this country on library sources, in partnership with a researcher based in Nigeria.

NEW B.ED COURSES START

This term sees the beginning of two innovative courses in Education, both leading to the award of BEd degrees but each taking its students from very different constituencies and aiming to meet different needs.

Overseas BEd

The Overseas BEd is a collaborative venture between the University and the Seychelles Polytechnic; students spend two years in the Seychelles taking a Teaching Diploma and then come to Sussex for a further two years to study for a BEd before returning to the Seychelles to work in the National Youth Service (NYS) which teaches all 15-17 year olds.

Twenty-six students began their Sussex courses at the start of term. The BEd course has four main components: a main subject, a subsidiary subject, a "third" area and educational studies. The "third" area relates directly to the central concept of the Seychellois NYS in developing not only theory but also methods and skills necessary for carrying out tasks.

Our picture shows two of the Seychellois students, Elvis Julie and Marie Claire Henriette, in the EDB Computer Lab. Both are keen to make the most of the opportunities the new course offers them. Elvis wants to work both on his main subject and on developing teaching methods and study skills. He is also keen to learn more about child psychology which he regards as very important knowledge for a teacher. Marie Claire is already full of praise for the Sussex tutors whom she says are taking considerable trouble to ensure that necessary skills are taught properly. She thinks the Sussex staff understand the needs of the Seychelles, and hopes that the links can be developed further.

BEd in Physics

Students on the new BEd in Physics may have relevant qualifications and/or previous work experience. Students can be admitted, for example, on the basis of an HNC/HND or the BTEC Continued on page 2
CROSS-CAMPUS COLLABORATION — ENZYME RESEARCH

Collaboration between members of BIOLS, MOLS and the AFRC Nitrogen Fixation Laboratory involving research on metalloenzymes has recently received a substantial boost in the form of two new research grants.

The first grant, for £112,000 to Dr. Bob Bray and Dr. Julian Burke under the Science and Engineering Research Council's Molecular Recognition Initiative is for spectroscopic and molecular genetic studies of molybdoenzymes. Since much of the support by Research Councils for research in universities is now being channelled through the Special Initiatives, it is particularly important that the University should receive support through them. This is believed to be only the second grant in the University under one of the Initiatives. It also appears to be the first grant ever awarded jointly to BIOLS and MOLS faculty members.

The second grant of £74,000 to Dr. Julian Burke, Dr. Bob Bray and Dr. Roger Thomeley, is for studies of peroxidase specificity using site specific mutagenesis of horseradish peroxidase and is in the form of an SERC Co-operative Research Grant with British Biotechnology plc, who are providing more than half of the total grant.

The common horseradish, a hedgerow plant whose root extract has enhanced the taste of roast beef for many years has recently become the source for one of the most important enzymes in the Biotechnology industry. Horseradish peroxidase (HRP) is now used as an indicator in antibody detection kits. These kits are used to screen blood samples for viruses, eg HIV and Hepatitis. It is also used for pregnancy tests, and in hospital diagnostic tests for many disease markers.

In order to understand how horseradish peroxidase works as an enzyme scientists at the University of Sussex in collaboration with British Biotechnology have designed and constructed by using chemical synthesis, an artificial gene encoding HRP. The gene is nearly 1000 bases in size and is the largest synthetic gene constructed by any group in the UK or abroad.

The gene has been designed so that specific sequences can be interchanged in order to introduce amino-acid changes into the horseradish peroxidase enzyme. Sussex will produce the altered proteins and study their activity by kinetic spectroscopic methods. This fundamental research will indentify the important residues required for enzymic function. The enzyme is interesting in that it contains haem and the reaction it catalyzes goes through two intermediates, breakdown of the second one being rate-limiting. These studies may lead to the development of an improved enzyme for diagnostic use (though probably not to a better Sunday lunch!).

Dave Page (seated) gets some assistance from the Lab Technician in EDB, Judith English.
MAJOR TREE REPLANTING GETS UNDERWAY

One year ago, in October 1987, 300 of the mature trees on campus were lost in the Great Storm. Since then, the grounds staff have cleared trees and debris and prepared the ground for planting and, over the next six months, a major replanting operation will get underway. The University has received grant aid from the County Council to help with some of the work but many of the trees to be planted by next Spring will be bought with money raised by the Tree Appeal which now totals over £3,500.

The Appeal includes some donations for 'memorial' trees; in particular, the family and friends of Michael Tumber, an EngAm student who died in May shortly after taking his final examinations, have generously contributed over £700. One of the trees in Michael’s memory was planted during a special ceremony yesterday, 24 October; the others will form a large part of the replanting of the beech wood known as Russell’s Clump.

The balance of the Appeal Fund will be used to replace other mature trees lost last year at various sites all over the campus. All the trees planted will be indigenous to Sussex, mainly beeches, poplars, ash, sweet chestnuts, elms, sycamores and limes.

Tallest Elms

Two of the mature elms which have survived not only the ravages of the storm but also the threat of Dutch Elm Disease, are now thought to be amongst the tallest left in the UK, and one, in Fulton Court, is said, at 30 metres high, to be the tallest English elm (ulmus procera) in the country.

OWEN WILLIAMS

We regret to report the death of Owen Williams, the University’s former Master Craftsman, on 15 October, the day of his 85th birthday.

Mr. Williams was one of the University’s last remaining links with its past. As a young carpenter he was employed on the Earl of Chichester’s Estate and, when the University came to be built on part of the land, he became one of the first members of the University staff. Following his retirement, he was awarded an Honorary MA by the University in 1977. We extend our deepest sympathy to his family.

PEOPLE

Professor Postgate
Professor John Postgate FRS, Emeritus Professor of the University of Sussex, has been elected an Honorary Member of the Society for General Microbiology. Honorary Membership of the SGM is limited to 20 world-wide, at present there are about ten.

Professor Thorne
Professor Christopher Thorne delivered the Carl Becker series of lectures at Cornell University in September, on the subject of ‘Them and Us. American Society, the American Polity, and the World Beyond, 1941-1964’. At the end of December he is to be special guest at the annual convention of the American Historical Association in Cincinnati, where the main discussion panel is to be designated ‘Border Crossings’, after the title of his recently published collection of essays on international history.

Distinguished Visitor

The Space and Plasma Physics Group in MAPS is currently host to a distinguished visitor from the United States. Professor Kinsey Anderson of the Space Science Laboratories at Berkeley, California, is here until November. He is one of the founders of American space plasma physics and a member of the US National Academy of Sciences.

Music Postgrads Success

Four Music postgraduate students — Mark Richey and John Kefala-Kerr have each won Ralph Vaughan Williams Contemporary Music Project Awards this year worth £1,000. John Kefala-Kerr has also won a £2,250 Arts Council Electro-Acoustic Music Bursary. David Osbon has received a commission from Southern Arts, and Sarah Collins has won an award from the Elizabeth Nuffield Education Fund.

Information Officer

As a result of changes in the Administration, Caroline Broadway is now Information Officer. She has held this post before — from 1978 to 1983.
RESEARCH GRANTS NEWS

Fulbright Commission
The US-UK Fulbright Commission offers a number of awards to UK citizens who plan to visit the USA. In brief, they are:

- **Awards for Post-Doctoral Scholars** — travel grants for lecturing or research, for a minimum stay of four months at one academic institution.
- **Travel and Maintenance Awards for Postgraduate Students** — for a minimum stay in the USA of one academic year.
- **Travel Awards for Postgraduate Students**.
- **Awards for Collaborative Projects** — Fulbright and British Council Fellowships.

**American Studies Fellowship Awards** — available to UK scholars teaching about the USA for advanced research in the USA.

**Fulbright Fellowships for Research Library Staff**.

**Fulbright Fellowships for Academic Administrators**.

**Fulbright Arts Fellowship**.

**Fulbright-BAFTA/Shell UK Fellowships in Film and Television**.

**Hubert H. Humphrey Fellowships in Public Affairs**.

The Fulbright Commission also plans to fund scholarships in 1990-91 to enable selected US scholars to spend up to one academic year in the UK.

Further details of the above are available from the Research Grants Office, Room 201, Sussex House.

Rolex Awards for Enterprise
Five awards, each consisting of the sum of 50,000 Swiss Francs (and a gold Rolex chronometer), are offered by Rolex in 1990. The awards are intended to provide financial assistance to persons with the 'spirit of enterprise' in order to allow them to carry out unconventional projects in one of the following broad fields: Applied Sciences and Invention; Exploration and Discovery; The Environment. Projects must display the 'spirit of enterprise', together with originality and the likelihood of realization. Projects must be presented by March 31, 1989. Application forms from: The Secretariat, The Rolex Awards for Enterprise, P.O. Box 178, CH1211 Geneva 26, Switzerland.

The Royal Society
The Royal Society offers support for the following schemes and appointments:

- **European Science Exchange Programme Postdoctoral Fellowships**.
- **Fellowships and Study Visits to Japan**.
- **Study Visits and Fellowships to Australia, New Zealand and Canada**.
- **Study Visits and Fellowships to East Europe and the USSR**.
- **Guest Research Fellows**. To assist leading researchers in the UK to invite overseas scientists of proven ability to work with them for 4 - 12 months.

**Grants in Support of Public Understanding of Science**.

Further details of the above are held in the Research Grants Office, Room 201, Sussex House.

The Indian National Trust for Art and Cultural Heritage (INTACH)
INTACH invites applications from British nationals for pursuing studies and research in India. Scholarships are tenable for 6 months to 2 years depending on course of study/research. Brief details are held in the Information Office, Room 238, Sussex House.

ACU Senior Travelling Fellowships 1989
These awards are for senior academic/administrative staff who are responsible for starting or developing a major enterprise in their own institution or among universities in any particular region. Details are held in the Research Grants Office, Room 201, Sussex House. Applications should be submitted to the Vice-Chancellor's Office by January 17, 1989.

Prince of Wales Award
The Prince of Wales Award for Innovation and Production aims to encourage the creation and growth of new business based on British inventions and new technology. The competition is open to a wide range of people and organisations, including academic researchers. The subject of an entry should be a new product or process incorporating an original British idea which leads to the marketing of a new product. The closing date for entries for the 1989 Award is 31 January 1989.

Entry forms and further details from: The Prince of Wales Award for Innovation and Production, The Engineering Council, 10 Maltravers Street, London, WC2R 3ER.

LIBRARY NEWS

The Library bought two CD-ROMs† in the Spring, and another in August. The three are PsyCLIT, Medline and Books in Print (with reviews). PsyCLIT is equivalent to the hard-copy Psychological Abstracts, and covers the literature back to 1974.

Medline is the August arrival, and is now up and running. It is equivalent to Index Medicus (plus other indexes), is produced by the US National Library of Medicine, and with 300,000 records added each year covers a very large section of the world's biomedical literature.

Books in Print lists 700,000 titles, including new and forthcoming titles, i.e. most of the English language books currently available.

A full service is now available in the new Information Services area in the Library. Come and book an introductory session; after that you'll have very fast and flexible access to these indexes. To book an introductory session, or find out more about the products, come to the Information Services desk in the Library, or ring 3467 (during office hours).

†CD-ROMs are discs similar in appearance to Compact audio discs, but hold textual information in digital form; access is via specialised workstations.

SMALL ADS

House wanted for visiting American professor with wife and 2 children (3 and 5), from 1/1/89 for one year. Please contact Professor Michael Land, Biol, ext. 2706 or 476780.

For sale: quantity of broken buff paving slabs, suitable for crazy paving, £10 per cubic yard which provides 18 square yards of paving. Buyer to collect and arrange transport. Available at Estates Dept. In the first instance please contact J. Warton, Buildings Surveyor, Estates.

For sale: Love Bird chicks, £1.5 each. Tel. 8232.

Invigilators wanted by Gothenburg University for exams on 8 December (2 - 5 pm) and 15 December (9 am - 1 pm). Interested staff or faculty should contact Jane Simmonds, tel. 8301, or call at the school office in Arts C, room 257 between 10 am and 1 pm.


For sale: ET PERSONAL 50 Olivet ti Typewriter. Hardly used, £130. Tel. ext. 3768 or 454829.

For sale: 3/4 bedroom detached house in Lewes. Please contact Dr. J.W. Loram, MAPS, or home tel. Lewes 471813.
NEWS FROM THE GARDNER CENTRE

National Theatre returns to Roots

Few stand-up performers have sustained the energy and comic genius of Tony Allen who dominated London’s renowned Comedy Store in the early 80s and who comes to the Gardner Centre this evening (Tuesday, 25 October). His contemporaries, such as Alexie Sayle and Stephen Fry, would seem to have been tamed somewhat by their exposure to television. Allen, however, “makes Billy Connolly seem like your friendly bank manager” (Glasgow Herald). His persistently brutal honesty and the unpredictability of his delivery have helped gain him the reputation of being the most thought provoking of all the ‘alternatives’ and certainly one of the funniest.

He is joined by singer and pianist Sharon Landau in a rare appearance outside London. Her observant and intimate songs are punctuated by her chatterbox style of friendly tales of the minutiae of her world. She has an extraordinary, indescribable voice and is always mesmerising as a performer. In quite different ways they force you to examine your world.

More reflections . . . . . This time the captivating life story of suburban poet Stevie Smith as unfolded in Hugh Whitemore’s play Stevie. The production is brought to the Gardner (3 and 4 November) by Millstream Touring company who visited the Gardner earlier this year with a highly successful interpretation of Dennis Potter’s play Sufficient Carbohydrate.

First performed in 1977 Stevie was later translated to film, with Glenda Jackson in the title role. The play is set in a semi-detached house in Palmers Green in which she lived with her aunt for most of her 68 years. The action takes the form of a clever series of conversations between the women, monologues and poems by Stevie, and flash-backs to the significant points in her life. These include the men in her life and the touching account of the time in 1971 when, at the age of 68, she was awarded the Queen’s Medal for poetry.

Playing the role of Stevie is Beverley Klein whose previous experience includes the title roles in Piaf in York and Educating Rita in Chester.

The National Theatre features strongly in November’s programme with drama, educational work and an exhibition, all originating from the South Bank. A new production of Arnold Wesker’s Roots is brought to the Gardner by the National Theatre Education Department on 10-12 November. Established as one of the modern classics of British theatre, Roots tells the story of Beatie Bryant’s attempts to enlighten her family with the principles of her socialist boyfriend. In doing so she is forced to acknowledge her ‘roots’ and discover a new sense of identity.

Another collaboration with the National is with the exhibition Taking The Stage which shows the photographs of John Haynes, one of England’s foremost photographers of the theatre. The exhibition runs from 9 November to 3 December and comes to the Gardner Centre Gallery following an acclaimed tour in America and Russia after an initial showing at the National Theatre.

Music fans are not forgotten. One of the highlights is the visit by London Sinfonietta (8 November), one of the world’s leading ensembles for the performance of new music. They come to the Gardner following an appearance at the Queen Elizabeth Hall, South Bank Centre, with a concert entitled The Light Programme, led by the distinguished conductor Diego Masson.

The programme will consist of works by four of Britain’s leading young composers. Judith Weir’s Airs From Another Planet, based on the music of her native Scotland, George Benjamin’s At First Light, inspired by a Turner painting seen at The Tate, and in contrast Colin Matthews’ Sun’s Dance and Robert Saxton’s Circles of Light.

Another unique opportunity — this time for budding composers and instrumentalists. Three of the composers (Weir, Matthews and Saxton) will lead a compositional workshop on 8 November, 10 am - 1 pm, during which they will discuss their work, the problems of composition and, later on in the session, conduct a “composers’ surgery” during which individuals will have the chance to talk about their own work with a composer on a one-to-one basis. There will also be the opportunity for practical participation for those with orchestral and percussion instruments. Places should be booked in advance and are free to those who book for the evening’s performance.

ACU PUBLICATIONS


CALLING EDINBURGH ALUMNI — WHERE ARE YOU NOW?

Edinburgh University is trying to build up a picture of where its alumni live and what they do. It is especially keen to hear from the 20,000 graduates with whom it has lost touch. Are you one of these? If so, please send details of where you live and work, who you work for and what your job is to: The Alumni Relations Officer (Ref: UNIV), University of Edinburgh, FREEPOST, Edinburgh, EH8 0LH. For women who have married since graduation, please let them know your maiden name or they will be unable to trace you. You will then receive twice-yearly mailings containing news of the University and news of special events and services for alumni.
NOTICEBOARD

VACANCIES

The Personnel Office has issued the following summary of posts to be filled. Advertisements for these vacancies have been placed in local and, where appropriate, national papers, as well as being circulated to the relevant Section Heads and Union representatives for circulation to staff and noticeboards. Copies of these advertisements and further particulars, if available, as well as application forms are available from the Personnel Office, Room 227, Sussex House. This list was compiled on 17 October and is subject to revision.

Teaching Faculty
Chair in Law
Lectureship in Statistics
Lectureship in American History
Lectureship in Chemistry
Lectureship in Artificial Intelligence

Other Faculty
University Internal Auditor
Residential Services Manager (full-time)
Secretarial, Clerical and Related
Admin Computing Operations
Control Clerk, f/t, grade 4
Secretary to Research Team on
Armament & Disarmament, SPRU, 3
years, f/t, grade 3
Secretary, Estates & Maintenance
Dept, f/t, grade 3
Computerised Student Records
Clerk, Registry, f/t, grade 3
Clerk, Registry, f/t, grade 1/2
Telephonist/Receptionist/Typist
(Students' Union), f/t, grade 2
Secretary, Admin Data Processing,
part-time, grade 2
Secretary, Finance Officer, f/t or p/t,
grade 2
Secretary, Occupational Advisory
Service, f/t or p/t, grade 2
Typist/Receptionist, Student Affairs
Section, Registry, f/t, grade 1/2
Clerk, School of European Studies,
p/t, part-year, grade 1/2
Finance Clerk, Research Grants
Office, f/t, grade 1/2
Secretary, School of Cultural &
Community Studies, f/t, grade 3
Recruitment Clerk, Personnel Office,
p/t, grade 3
Craftsmen
For Estates & Maintenance Dept:
Carpenters/Joiners
Fitter/Plumber
Foreman Electrician
General
Fire Inspector, Estates &
Maintenance Dept, p/t
 Porter, Estates & Maintenance Dept
Porter, Pavillon, p/t
Porter, Arts Teaching Building

RECENT BOOKS

Recent publications by Sussex authors include:
'Satudelaire in 1859. A Study of the
Sources of Poetic Creativity' by
Richard D.E. Burton. Cambridge U.P.
£25.00.
'A Gramsci Reader: Selected Writings
1916-1935', edited by David
Forgacs.
Lawrence & Wishart. Paper, £8.95.
'Hamlet' by Cedric Watts. In the New
Critical Introductions to Shakespeare
'The Men of 1914': T.S. Eliot and
Early Modernism by Erik
Svarny, who studied and was awarded his
doctorate at Sussex. Open University
Press. £30.00.
'Virginia Woolf' by Rachel Bowlby. In
the Re-reading Literature series.
Blackwell. Paper, £5.95.
All available from Sussex
University Bookshop

CENTRE FOR CONTINUING EDUCATION

Open Lectures
Adam Weiler Memorial Lecture
Tuesday, 8 November, 6.30 pm,
Molecular Sciences Lecture Theatre:
Professor Geoffrey Best - Whatever
Happened to Human Rights?

Special Lecture
Thursday, 10 November, 6.30 pm,
Molecular Sciences Lecture Theatre:
Dr. Colin Brooks - The Glorious
Revolution

LUNCHTIME MUSIC

Meeting House Recitals
Tuesdays, 1.15 pm in the Chapel
25 October: Lucy Burke (violin) and
Colin Haigh (piano)
1 November: John Birch (organ)
8 November: Heather Suilly (cello) and
Linda Noble (trumpet)
15 November: John Birch (organ)

Music Subject Group
Thursdays, 1.15 pm, Falmer House
Recital Room 120
3 November: John Humam and Rohan
Kriwaczek - a programme of music and
poetry
10 November: Natasha Athill and
John Human (piano) - Brahms and
Poulenc
Friday, 11 November: special concert
by The Marwood String Trio prior to
London performance. Programme
includes Beethoven's Trio in C minor
Sussex Trugs
Fridays, 1 pm, Playing Fields
Pavilion. Mainstream/traditional
jazz.

CHARITY JUMP

Ten intrepid members of the
Refectory staff are planning a
parachute jump in aid of MENCAP.
They need sponsors for this event. If
you would like to sponsor them,
either as a team or as individual
members, please contact Pat
Brewerton on 8221 or Sue McMahon
on 8226.

COMMONWEALTH ASSOCIATION FOR DEVELOPMENT

The Association invites applications from faculty for affiliated membership. Applicants must have a record of achievement in, or the potential to carry out, high quality and original research. They must be holders of research degrees or researchers with publications in major academic and professional journals. CAD activities include lectures and conferences, a quarterly journal focusing on major Commonwealth and world affairs, and the opportunity for members to bid for paid research contracts obtained by CAD. The registration fee is £20.00 plus annual subscription of £10.00. Details are held in the Research Office and Information Office, Sussex House.

IDS LIBRARY

The IDS Library will be closed on
Friday, 18 November and Monday,
21 November while the move into the
Institute extension takes place.

BULLETIN

The Bulletin will be published every three weeks this term. The next edition will appear on Tuesday, 15 November. Copy must be received in the Information Office, level 2, Sussex House, (tel. 8208) by no later than 4 pm on Monday, 7 November. The last Bulletin of term will appear on 6 December (copy date 28 November).

Please remember to let us know about news events — we can only inform you, if you inform us.

The Bulletin is for the information of staff and students of the University of Sussex. Published by the Information Office. Photographs by the Photographic and Design Unit. Printed by the University of Sussex Printing Unit.