

The University of Sussex BULLETIN

Published by the Information Office

31 January 1989

WINTER GRADUATION CEREMONY

One hundred and fifty seven graduates attended the Winter Graduation Ceremony on 25 January to receive their degrees in person and, as usual, the Gardner Centre was full to capacity with their relations and friends.

In addition, honorary degrees were conferred on four local residents: Lord Callaghan, the former Prime Minister; Felicity Lott, soprano; Pat Hawkes, currently Mayor of Brighton; and Clifford Chatterton, Clerk to the Justices at Worthing and Arundel.

In presenting Lord Callaghan (pictured with the Vice-Chancellor in the Gardner Centre Gallery), Professor Fred Bayley, Senior Pro-Vice-Chancellor, referred to his singular and influential role in British political life, taking him, uniquely, to the four most senior posts in government — Chancellor of the Exchequer, Home Secretary, Foreign Secretary and Prime Minister.



SPARKLING SUCCESS!

Professor B.V. Jayawant, Dean of the School of Engineering and Applied Sciences, has been invited by the Institution of Electrical Engineers (IEE) to organise a team of eight lecturers from Sussex to give the Faraday Lectures in 1990-91.

For the first time, universities, Sussex and Bath, have been asked to give the lectures which have, in the past, always been given by commercial organisations, such as British Aerospace, British Telecom and the Ford Motor Company.

The Faraday Lectures commemorate Michael Faraday's contribution to electrical engineering and form a national series of lectures given in approximately 20 different IEE centres across the UK and attended by up to 5,000 sixth-formers in each venue.

The invitation to Professor Jayawant to form a Sussex team of lecturers is a result of the Hunter Memorial Lecture which he gave at the IEE in 1985 and his Royal Society Review Lecture in 1988.

Public Lecture — Admission Free

“Environment Policy — A New Challenge for the European Community”

Dr. Laurens Jan Brinkhorst

Director General for the European Community for
Environment, Consumer Protection and Nuclear
Safety (and formerly State Secretary for Foreign
Affairs, The Netherlands)

*12.30 pm, Friday, 10 February 1989
Biology Lecture Theatre*

**A lecture of great topical interest and Dr. Brinkhorst's
first public lecture in the UK.**



I SPY ... DOUBLE YELLOW LINES

After long negotiations, Brighton Borough Council, East Sussex County Council, the Sussex Police and the Crown Prosecution Service have accepted that some of the University's campus roads are ones to which the public have access and are, therefore, subject to the Road Traffic Acts. (The roads concerned are marked in black on the plan.)

The remaining roads are regarded as 'Private Estate Roads' to which the Acts do not, in general, apply. The boundary between the 'public' and 'private' roads have been delineated by a gate barrier and an appropriate sign.

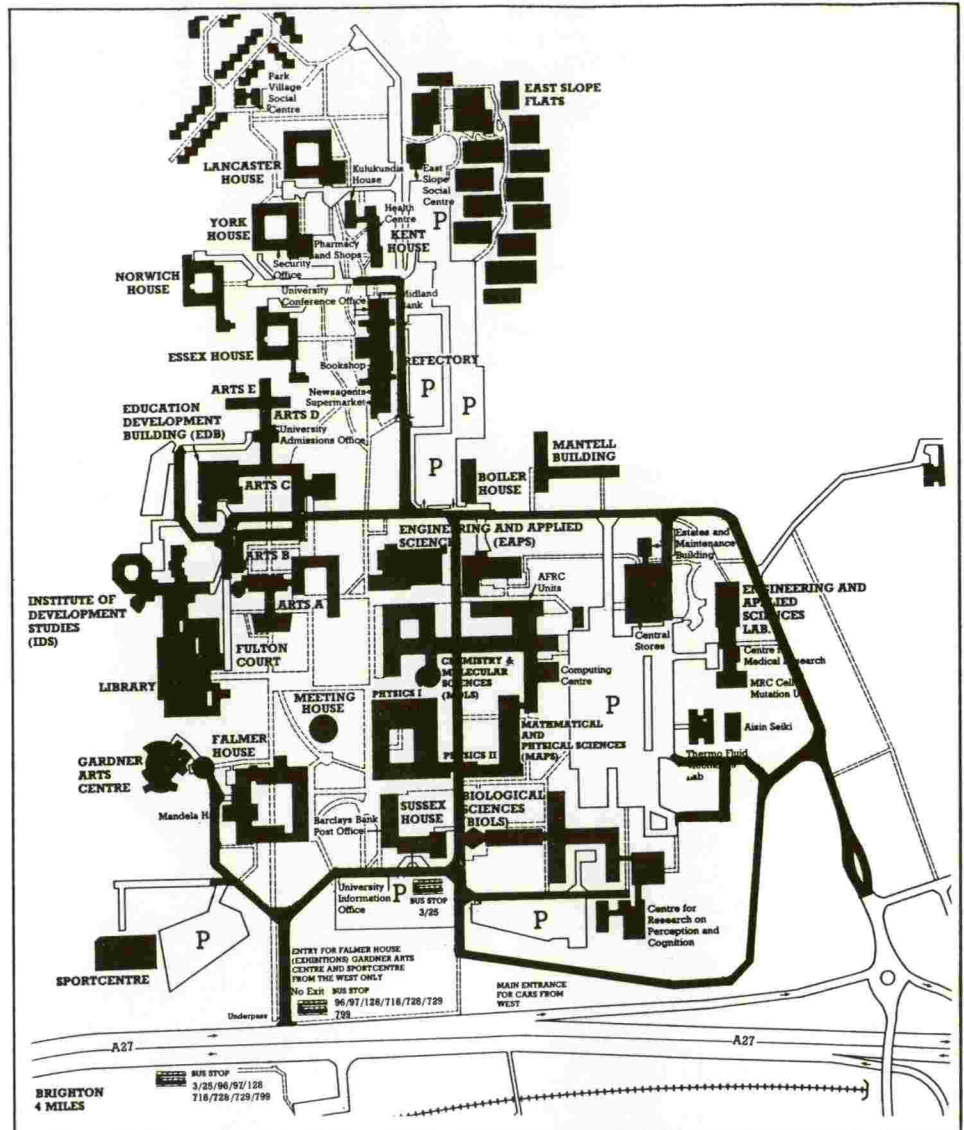
The effect of this acceptance is that the commission of any offences under the Road Traffic Acts on the designated roads is now illegal, and offenders can be prosecuted in the Courts or punished by means of a Fixed Penalty Ticket. Such offences include:

- Reckless Driving
- Careless Driving or Driving without Due Care and Attention
- Driving Whilst Disqualified or without a Licence
- Driving with Excess Alcohol in Blood/Breath/Urine
- Using a Motor Vehicle without Insurance
- Speeding
- Not wearing Crash Helmet/Seatbelt
- No MOT Certificate

Arising from the application of the Road Traffic Acts, it has been necessary for the Buildings Committee to name the University's campus roads, for street name signs to be erected, and for road signs and street lighting to be upgraded in certain areas. As a consequence, an enforceable 30 mph speed limit now applies to the roads in place of the previously unenforceable limit of 15 mph.

Additionally, it has been necessary to regularise both the one-way restrictions on the Falmer House Road and our parking restrictions by seeking and obtaining Traffic Orders. These should be granted with effect from 6 February 1989, from which date it will be illegal, under the Road Traffic Acts, to exit from the University via the Falmer House Road, or to park on double yellow lines covered by the Order.

Both restrictions will be enforceable by the Sussex Police, in the case of parking by the issue of £12 fixed penalty tickets which, if not paid within the prescribed time, increase to £18 and are thence



enforceable in the Magistrates Court as a fine with up to seven days imprisonment for non-payment. All the

University's parking restrictions are 'No Waiting at Any Time'; all our yellow lines are double.

WOMEN AND SCIENCE GROUP

During the summer a number of women involved in and interested in science decided to form the Women and Science Group. It is open to all women interested in science. The purpose of the Group is to act as a forum for the exchange of scientific knowledge and ideas and to provide support for its members.

The Group was set up because its founders believe that the scientific disciplines appear to be insular, and communication poor and because there are so few women in many of the areas. Unquestionable laws have been established resulting in mystification and causing many women to feel isolated, unable to express and follow their own methodology and ideas.

Meetings are held fortnightly on Wednesdays at 4.30 pm in 2A3 in the Mantell Building. If you would like to find out more about the Group, contact Linda Cooper on 3243 or through Mols p/g p/h.

LIBRARY NEWS

Many of the periodical titles ordered as a result of last year's election review have now begun to arrive, including the most expensive of the new subscriptions, *Cell and tissue research*.

Several substantial new reference works are now available in the Library, including *Encyclopedia of Asian history*, 4 vols. (Collier-Macmillan, 1988); *International encyclopedia of robotics*, 3 vols. (Wiley, 1988); *Civilization of the ancient Mediterranean*, 3 vols. (Scribners, 1988); *Physics in medicine and biology encyclopedia*, 2 vols. (Pergamon, 1986).

PEOPLE

PROFESSOR MARGARET BODEN

Education Secretary Mr. Kenneth Baker has appointed Professor Boden to the Advisory Board for the Research Councils. The appointment is for two years.



John Burns

JOHN BURNS

John Burns, the Laboratory Manager in the School of Biological

DR. GRAHAM PRATT

We report, with much regret, the death of Dr. Graham Pratt, Lecturer in Chemistry in the School of Chemistry & Molecular Sciences and Laboratory Director of the School. Dr. Pratt joined the University in 1963 and retired last November because of ill-health. He died on 22 January at the age of 53.

MR. COLIN HILL

We are sad to report the death on 21 January of Mr. Colin Hill, Business Manager from 1971 until his retirement in 1982. Mr. Hill, whose earlier career had been in the Colonial Service, came to the University in 1964 having previously been Permanent Secretary to the Treasury of the Government of Tanganyika.

There will be a Thanksgiving Service at St. Mary the Virgin, Barcombe, at 2.30 pm on Thursday, 2 February.



Lady Antonia Fraser, the biographer and historian, pictured above (left) with Lady Fielding during a visit the University on 24 January. Lady Antonia signed copies of her latest book, *Boadicea's Chariots*, in the University Bookshop and gave a lecture on *Women Warriors*, looking at the reactions to war of women leaders from Boadicea to Mrs. Thatcher.

Sciences, has been elected a Fellow of the Institute of Science Technology. He started work as a junior laboratory technician at Birkbeck College, London, 38 years ago and has pursued a technical career over the years, eventually joining Biols as its first Laboratory Superintendent in 1965. He was promoted to Laboratory Manager during organisational changes in 1987/88.

RODERICK KEDWARD

Reader in History Roderick Kedward has been made an Officier de l'Ordre des Palmes Académiques, one of France's oldest academic honours. The nomination came in a decree by the French Prime Minister in July 1988 and was officially notified to Mr. Kedward by the French Embassy on 1 December. In the nomination he is honoured for 'services rendus à la culture française'.

The honour will be bestowed at a ceremony in Paris in March. He is particularly well-known for his research on the French Resistance, and has published many books and articles on the subject, as well as taking part in a number of radio and television programmes on the Resistance.

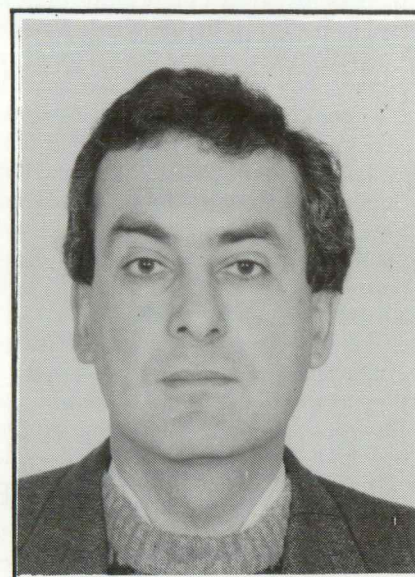
PROFESSOR MIKE LAPPERT

On 16 February, Professor Mike Lappert of the School of Chemistry

and Molecular Sciences is to be awarded an honorary doctorate by the University of Munich.

REVD. DR. COLIN THOMPSON

The University Chaplain, the Revd. Dr. Colin Thompson, is to leave at the end of this academic year. Dr. Thompson, who came to Sussex in October 1978 and is the third and longest-serving Chaplain, will take up a Lectureship in Spanish at the University of Oxford, with a Tutorial Fellowship at St. Catherine's College.



Revd. Dr. Colin Thompson

NEWS FROM THE GARDNER CENTRE

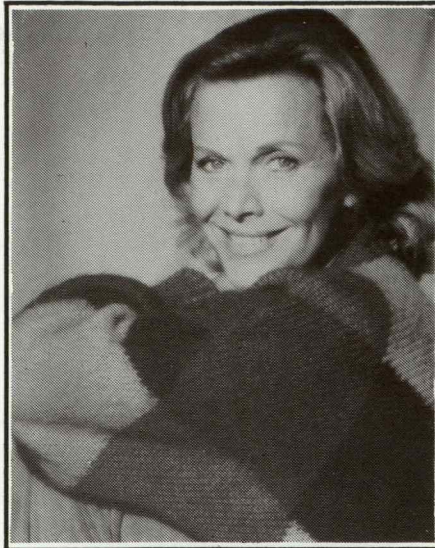
HONORED TO PLAY YVETTE

Who can forget Mrs. Cathy Gale in TV's *The Avengers* or Pussy Galore from *Goldfinger*? Well, she's back. Honor Blackman takes the stage at the Gardner Centre on Sunday, 5 February, in her first one-woman show *Yvette*. Using songs and music Ms Blackman recreates the world of Yvette Guilbert, popular Parisian singer at the turn of the century. Idolised by people as diverse as Verdi, Edward VII and Sigmund Freud and immortalised by Toulouse-Lautrec, Yvette Guilbert rose from rags to riches to become the toast of Paris. Entertaining audiences with an astonishing mixture of amusing and moving songs — many of them risqué — her last recital appearance was at the Wigmore Hall, London, in 1938.

The show *Yvette* was devised by Honor Blackman and Richard Digby-Day following a suggestion to her two years ago that a solo performance would be a possibility. "I admire her tremendously," said Miss Blackman. "She was a perfectionist who pushed herself to the limits: her example is both a challenge and an invitation."

The New Chamber Players are a young professional chamber music ensemble with a grudge to bear. They believe that there are many gifted musicians who never come to appreciate contemporary music because they do not get the chance to listen or participate in events outside London. They visit the Gardner Centre on 7 February at 7.45 pm with a programme including arrangements of Henry Purcell and Frank Zappa plus a number of new compositions by young British writers. Throughout the day they will also be running an open rehearsal and workshops on the composition of new music featuring the music of Sussex University composers. The day promises to be extremely lively with the emphasis firmly on participation and involvement and it's free! It will be led by David Osbon, a Sussex student who is studying for an MA under Professor Jonathan Harvey and David Osmond-Smith. Please contact Bernadette Kelly at the Gardner Centre for information (tel. 685447).

Cross Batman with Hill Street Blues and you get *American Eagle*, a play directed by John Retallack for Phoenix Beam and playing at the



Honor Blackman

Gardner Centre from 9 to 11 February. *American Eagle* was boss in the straight-forward 40s, a time when every hero knew his business in the war against evil. But, zooming towards the 21st century, Eagle finds life more and more chilling. In a world of grey uncertainty, the villains are not so user-friendly. Will he recognise them in this sinister New Age? *American Eagle* is an invigorating, intelligent and very witty look at 50 years of American power politics through the career of a comic strip hero whose colourful adventures turn the American Dream into a nightmare.

From 18 February, there will be a wonderful collection of drawings in the Gallery by distinguished Brighton artist Dennis Creffield. *English Cathedrals* is the result of Creffield's long-held and passionate ambition to draw all 26 medieval cathedrals of England. An opportunity to hear him talk about his work comes on 24 February, 1 - 2 pm, in a free illustrated talk in room C133, Arts Building.

Also coming up in February is jazz in the form of pianist Keith Tippett and his trio plus the Rova Saxophone Quartet on 18 February; classical music with the Chilingirian String Quartet with a lecture recital on 9 February and concert featuring Schubert, Fauré and Beethoven on 21 February and theatre comedy with Hull Truck's *Viva Espana* on 14 to 16 February, a wry look at the world of 18-30 holidays. More information about these and all Gardner Centre activities is available in the Gardner Centre brochure.

DEPARTMENT OF EDUCATION FOR NORTHERN IRELAND

Postgraduate Studentships for research and approved courses of advanced study in Humanities, Science and Technology, Social Sciences, Natural Environment

Application forms for XNI Awards (tenable in the United Kingdom and the Republic of Ireland) will be available in March 1989 from: Department of Education for Northern Ireland, Postgraduate Awards Branch, Rathgael House, Bangor, Co Down, BT19 2PR. Tel: 0247 27077

The closing date for the receipt of applications is 2 May 1989.

Students (including those taking their primary degrees in Great Britain) are not eligible for studentships from the Science and Engineering Research Council, Economic and Social Research Council, Natural Environment Research Council, Department of Education and Science, Scottish Education Department, or British Academy.

OVERSEAS RESEARCH STUDENTS AWARDS SCHEME 1989

Awards to cover the difference between the 'home' and 'overseas' rates of tuition fees are offered on a competitive basis to research students required to pay fees at the higher rate. Applicants must be expecting to begin full-time research registration or to continue full-time research registration in 1989-90.

Further details and application forms may be obtained from the International Office, Sussex House. Applications must be submitted to the International Office by 21 April 1989.

BRITISH ACADEMY POSTGRADUATE STUDENTSIPS IN THE HUMANITIES 1989

Sussex students who intend to apply for British Academy postgraduate studentships tenable at Sussex or elsewhere in 1989 should obtain details and an application form now from the Admissions Office in Sussex House.

The British Academy will accept applications only from candidates who already hold an offer of admission to postgraduate studies. The closing date is 1 May 1989, and the procedures involved may take a considerable length of time to complete. Applications for admission should also, therefore, be submitted without delay, including those from current course-work (Master's degree) students who wish to proceed to research in 1989.

MEETING HOUSE CHRISTMAS APPEAL

The 1988 Meeting House Christmas Appeal for the Nelson and Winnie Mandela Scholarship Fund raised the splendid sum of £757 through donations, carol singing and campus collections. The organisers offer their grateful thanks to everyone who contributed.

SMALL ADS

AUSTRALIAN academic family (1 child) visiting Experimental Psychology 1 August—14 September, would like to rent house or flat. Contact Chris Darwin, EP, Biols, ext. 8409.

FOR SALE: upright piano, excellent condition, £300. Angie Oxley, Arts B270, ext. 2172.

PREPARING to submit your thesis? Would you like your thesis read through for any errors of grammar or spelling by lady (BA Lit). If so, contact Dinah on ext. 2563 (am) or 777051 (eve.). Reasonable charges (about £2 per 10 pages). Efficient and prompt service.

SKILLED volunteer workers wanted for self-help rural development project in Sierra Leone, West Africa, for the summer vacation. Volunteers must be self-financed and have knowledge of construction, teaching skills, agricultural work, etc. Further details from Nick Pahl, Afras p/h, tel. 601846, or Charles Howard, Euro p/h.

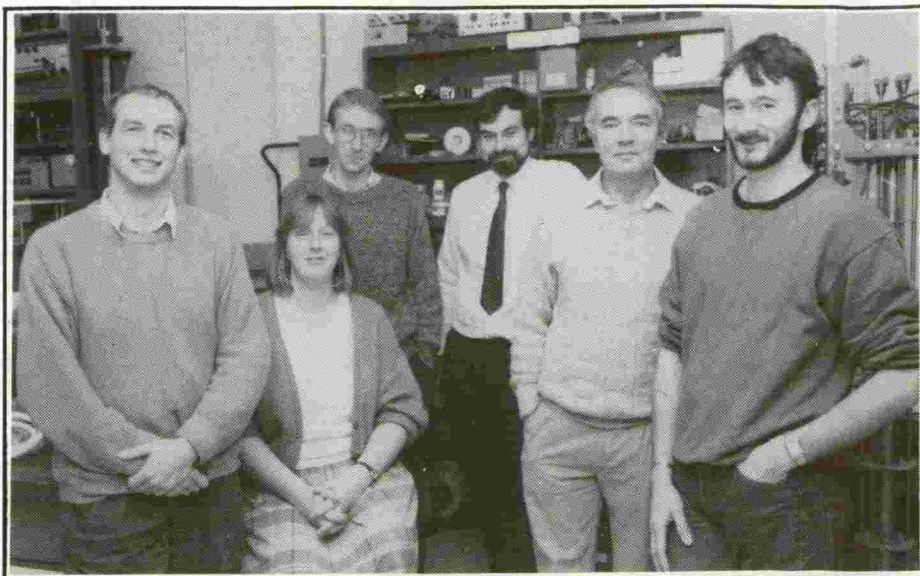
WOULD you like to sing with some of the world's leading orchestras and conductors? Brighton Festival Chorus is looking for good amateur singers in all voices. Rehearsals take place on Tuesday evenings in the Biology Lecture Theatre. Further details from Mrs. P.L. Taylor, (Hon. Sec.), 29 Langdale Gardens, Hove, BN3 4HJ. Tel. 205070.

ATARI 1040ST micro. Panasonic KXP1081 dot matrix printer. Philips professional video monitor. Brand new, bug tested. £900. A Brown, Biols, ext. 2804.

HUNGARIAN family seek exchange visit for 16 year old son (who would do English language course). Willing to take exchange person to interesting places in Hungary. Offer cottage at Lake Balaton, or are able to accommodate several people in Budapest. Contact Sheila Brain, Arts B252.

EXPERIENCED 'word perfect' user required between now and April for casual work (few hours) keying in research material on Africa. Must have own computer and be able to collect from campus. Contact Hilary Standing, Arts C345 (ext. 2312 or sec. 2271).

FLYING TIGERS Skydiving Centre offers parachuting scheme for students 23 and under at special rates. Further details from The Club Chief Instructor, Flying Tigers Skydiving Centre, Goodwood Airfield, Nr. Chichester, W.Sussex, PO18 0PH.



MAJOR INVESTMENT IN PHYSICS RESEARCH BY BRITISH PETROLEUM

Over the last six months grants totalling £675,000 have been awarded to the Quantum Circuits Group (pictured above) in the School of Mathematical and Physical Sciences. The Group's principal investigators are Drs. Terry Clark, Robert Prance and Helen Prance. Most of the money has come from British Petroleum, for both fundamental and applied physics research, but there has also been a substantial input from the National Physical Laboratory.

It may not be generally appreciated, but British Petroleum is the largest company in Europe so this major investment reflects great confidence in the present and future prospects for research and development at Sussex. British Petroleum's involvement with physics at Sussex stems from the £250,000 grant awarded in 1985 to the Quantum Circuits Group by the BP Venture Research Unit to explore the macroscopic quantum mechanical behaviour of certain kinds of superconducting circuits. It was hoped that this research would lead eventually to a deeper understanding of quantum mechanics together with very significant spin-offs in electronic engineering.

The programme is obviously healthy and on track because the VRU has renewed its support to the tune of £405,000 over the next three years. The National Physical Laboratory is providing an additional £72,000 to complement the VRU funding. This is to further its own interest in using superconducting 'quantum circuits' in metrology.

Some of the electronic engineering technology, created as part of the basic quantum circuits research, has now become sufficiently attractive to British Petroleum that it has decided to sponsor a separate programme on applications to non-invasive electromagnetic sensors. With an initial grant of £198,000 the Quantum Circuits Group will concentrate over the next three years on crack and corrosion detection in steel structures, problems of great importance to British Petroleum. In the longer term, however, there is every chance that these sensors will find extensive use in probing the human body.

IMPROVING LECTURING AND SMALL GROUP TEACHING

How effective is the lecture as a method of teaching? Why do we lecture when texts or handouts could be used? Do lectures create a useful learning pattern in our students? What is the secret of a good lecture? These questions will be among topics discussed at a Workshop on Lecturing Skills to be held at the University on Wednesday, 22 February, starting at 2.00 pm. There will be opportunities, either on that afternoon, or subsequently, for participants to examine their own skills in presentation by practical work in small groups. Anyone, experienced or not, is welcome to attend.

A similar afternoon focusing on small group teaching will be held on Wednesday, 8 March. What are we trying to achieve by working in small groups? Is it an effective method of teaching? How can the usefulness of small group teaching be monitored and evaluated? Can we afford to continue small group teaching?

Anyone interested in attending either or both the above workshops is invited to contact Miss Sally Church (ext. 3045) or me, Dr. Brian Smith, (ext. 8099) for further information. (Those who indicated an interest in these topics in their reply to the questionnaire on training needs circulated last summer will be sent details automatically.)

Brian Smith

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 24 January and is subject to revision.

Teaching Faculty

Lectureship in Educational Assessment and Evaluation

Temporary Lectureship in Social Anthropology

Other Faculty

Careers Adviser

Deputy Director, Overseas BE

Secretarial, Clerical and Related Executive Assistant, Administration, full-time, grade 5

Senior Audit Assistant, Finance Office, f/t, grade 4 or 5

Secretary to Pro-Vice-Chancellor (Science), f/t, grade 3

Machine Operator, Students' Union, f/t, grade 3

Clerk Typist, Registry Postgraduate Office, f/t, grade 2

Accounts Clerk, Estates, f/t, grade 2

Telephone switchboard operator, Estates, part-time, grade 1/2

Secretarial Assistant, SPRU, f/t or p/t, grade 1/2

Reprographic Service Assistant, Printing Unit, f/t, grade 1

General

Fitters/plumbers, Estates, f/t

FREELANCE TYPISTS

A register of freelance typists will be issued shortly to enable students to find help with the typing of theses, dissertations, etc. Anyone who wishes to have their name added to the list should contact Jinny Briant in MAPS (tel. 8395) giving name, campus address and telephone number, home address and telephone number, speciality work (eg scientific, languages), and facility for typing (ie typewriter or word processor).

RUTH ANI

A Service of Thanksgiving for the life of Ruth Ani (Afras) will be held in the Meeting House Chapel tomorrow, 1 February, at 1 pm. It will be followed by refreshments in the Quiet Room. Cremation will be at Woodvale Crematorium at 3.30 pm and all those who wish to do so are invited to attend.

THE WHISTLER PRIZE ESSAY

A prize of £100 is offered annually for an original essay on *natural history* or *archaeology*. It was endowed by the late Mrs. M.J. Whistler of Battle in memory of her husband, Hugh Whistler, JP, FZS, who had a special interest in ornithology. The prize is open to all students of the University, including registered members of classes run by the Centre for Continuing Education. Essays, which should not normally exceed 5,000 words, should be submitted by 30 April each year. Further details from the Administrative Officer, Centre for Continuing Education, EDB.

ROBIN LEE POETRY PRIZE 1989

Entries are invited for the Robin Lee Poetry Prize 1989. The competition is open to all members of the University except faculty. Candidates may submit up to four poems, on any subject, the total not exceeding 100 lines.

Entry forms are available from Jan Grundy, Arts B254, and should be submitted by the closing date of Wednesday, 15 March, 1989.

CAN YOU ADVISE?

Brighton Citizens Advice Bureau is looking for volunteer advisers. No formal qualifications are needed and full training is given. Travel and childminding expenses are paid.

The CAB needs a commitment of at least one fixed day a week for more than a year. Initial training involves a further half day a week for about three months.

Telephone Brighton 207551 for details of introductory talks on 21, 22 and 23 February. (The bureau has level access and is suitable for wheelchair users on the ground floor.)

LUNCHTIME MUSIC

Meeting House Recitals

Tuesdays, 1.15 pm in the Chapel

31 January: Meeting House Choir — Pergolesi — Stabat Mater

7 February: to be announced

14 February: John Birch (organ)

21 February: Colin Haigh (organ)

Sussex Trugs

Fridays, 1 pm, Playing Fields Pavilion

Mainstream/traditional jazz

Gardner Centre

9 February, 1 pm: Chilingirian String Quartet. Lecture recital on Fauré's Quartet op.121. Admission £1 (50p).

RECENT BOOKS

Recent publications by Sussex authors include:

Information Horizons: the long-term social implications of new information technologies by Ian Miles, Howard Rush, Kevin Turner and John Bessant. Edward Elgar. £28.50.

The Permanent Revolution. The French Revolution and its Legacy, 1789-1989. Edited by Geoffrey Best. Fontana. Paperback, £4.95.

The Pursuit of American Character by Rupert Wilkinson. Harper & Row. £10.95.

Macmillan Dictionary of Psychology by Stuart Sutherland. Macmillan. £29.95.

The Appraisal Interview. An approach to training for teachers and school management by Eric Hewton. Open U.P. Paperback, £6.95.

New Views of Co-operation. Edited by Stephen Yeo. In the History Workshop series. Most of the 13 contributors are teachers, graduates or students of the University or Brighton Polytechnic. Routledge. £30.00.

All available from Sussex University Bookshop

THE JERWOOD AWARD

Nominations are invited from individuals and institutions that have made an original and significant contribution to the theory and practice of education within the UK for the Jerwood Award, worth a total of £150,000 annually. Closing date for nominations: 31 March 1989. Further information and nomination forms from: Dr. Michael Hooker, Executive Director, The Jerwood Award, 30 Notting Hill Gate, London, W11 3HX.

BULLETIN

The Bulletin is published every three weeks during term time. The next edition will appear on Tuesday, 21 February. Copy must be received in the Information Office, level 2, Sussex House, tel. 8208, by no later than 4 pm on Monday, 13 February. The final Bulletin of this term will appear on 14 March (copy date 6 March).

Please remember to let us know about news event — 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.