



NEW VICE-CHANCELLOR TAKES UP OFFICE

Mr. Leslie Fielding, the University's fourth Vice-Chancellor, took up office on October 1 in succession to Sir Denys Wilkinson. He comes to Sussex from the Commission of the European Communities in Brussels where he was Director General for External Relations.

Since his appointment was announced a year ago, Mr. Fielding has been familiarizing himself with Sussex and with the financial and other issues facing universities generally. But he feels that it is still too early to arrive at any firm conclusions. "There are many more people I must talk to, particularly Senate, about how the future of the University can be developed," he says. "I have been a learner all my life and want to absorb more of the place before presuming to propose any firm plans."

The new Vice-Chancellor will be doing no research of his own for the next few years, but he does hope to work on the manuscript of a book on the decline and fall of Cambodia which he wrote 15 years ago while in the diplomatic service and which could not then be published.

The past few months have been a busy time for Mr. Fielding. He has had meetings with the three Pro-Vice-Chancellors, the Chairman of Council and some members of faculty. In September he met members of the Administration, attended a course run by the Committee of Vice-Chancellors and Principals (CVCP) for new Vice-Chancellors and the annual extraordinary session of the CVCP. He has also been preparing the sermon he is to deliver at the Opening of Session Service this Thursday and last month moved into his official residence, Swanborough Manor, with his wife, Dr. Sally Harvey, and young daughter and son. "I was busy as Director General right up to the end of July and people were

still ringing me from Brussels in August and September," he added. Mr. Fielding now looks forward to getting to know as many people as possible in the University.

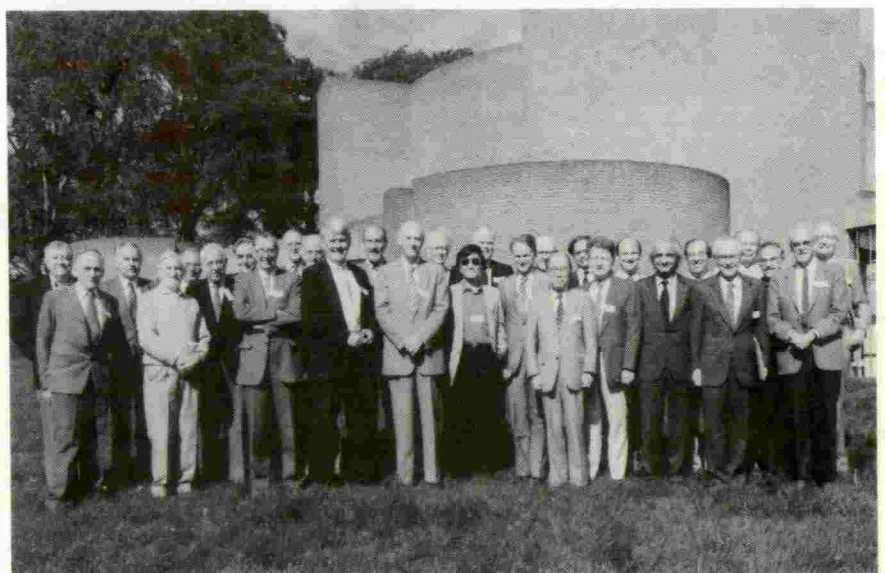
Mr. Fielding entered the UK Foreign Service in 1956 and served in Tehran, Singapore, Phnom Penh and Paris, and as Counsellor and Deputy Head of the Policy Planning Staff in the Foreign and Commonwealth Office in London. In 1973 he joined the Commission of the European Communities in Brussels and served as Head of the Community's permanent Delegation in Tokyo from 1978 to 1982 when he returned to Brussels as Director General for External Relations.

The Vice-Chancellor was educated at Emmanuel College, Cambridge and at the School of Oriental and African Studies, London. He was a Visiting Fellow at St. Antony's College, Oxford from 1977 to 1978.



Mr. Leslie Fielding

PHYSICISTS HONOUR SIR DENYS



Physicists from around the world are pictured here with Sir Denys Wilkinson when they gathered at the University last month to attend a three-day conference held to honour Sir Denys on his 65th birthday. Sir Denys retired as Vice-Chancellor last month. (Stories - page 3)

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WHAT THE PRINTING UNIT CAN OFFER

The University Printing Unit can now offer its customers a better service at the same - or, in some cases, a lower - price, following the recent installation of a new press and plate-making camera.

The Heidelberg GTO 52 press comes from a manufacturer widely recognised as the 'Rolls-Royce' of the printing trade.

"It has greater roller power, giving a much better print finish than the machine it replaces, and its precise registration means we can produce excellent colour work in the Unit," said Printing Unit Supervisor Keith Allfrey, pictured here with the new press.

"And because we can do colour jobs in-house instead of sending them out to other firms, we can offer our University customers a better price," he added.

The Agfa-Gevaert Repromaster 2200 process camera allows much better reproduction of black and white photographs and it, too, will show cost savings for customers by allowing the Unit to make metal plates in-house for the first time.

"Higher quality work at lower prices can't be bad," said Office Manager Barbara Pettett. "If customers want more information about the sort of work we can do and our very competitive prices, they should give Hendra Kennedy or me a ring on 8216 or call in and see us on the top floor of Sussex House."

Footnote: This edition of Bulletin was produced using the new camera and press. We think the improvement in quality, especially in the photographs, is very noticeable.

SMALL ADS

ACCOMMODATION (3+ rooms, kitchen, bathroom) required for 1 year by teacher with 2 children. Possible exchange with 4-room apartment, Heidelberg. Contact: Ms. H. Stephenson, Husarenstr. 20, 69 Heidelberg, West Germany.

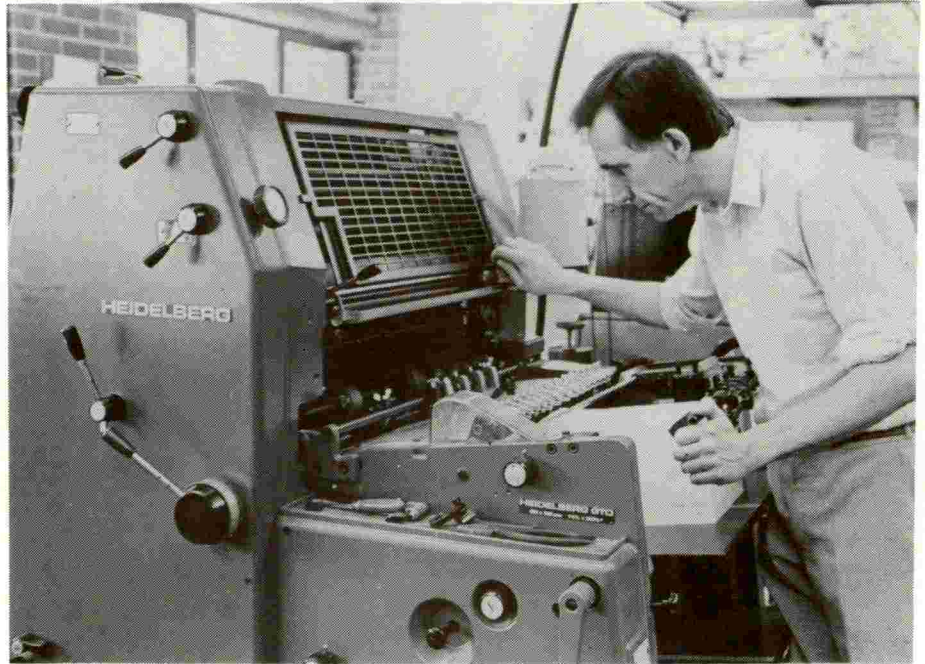
OCCASIONAL B & B REQUIRED for visiting researchers. Generally 2/3 days, infrequently up to 2 wks. Tel. 3410.

5-BEDROOM HOUSE to let, Putney. November, for 6 mths. Tel. 01-871 0709.

THE VICE-CHANCELLOR'S office has approx. 200 used spring-back and lever-arch cardboard folders to dispose of. Anyone interested in these (in either small or large quantities) should contact John Gaunt, Room 317, Sussex House.

WERE YOU A Brownie/Guide/Ranger? Would you be interested in helping in a Unit? If so, please contact Mrs. Pat Jones on Brighton 552708. You'll find a friendly welcome.

ACCOMMODATION TO LET: furnished house in Brighton (Hanover area), Nov.'87 - March '88 to responsible couple, or poss. 3 people, prepared to look after house and cat for reasonable rent. Must be non-smokers. Tel. 603191.



NEW GRAPHIC DESIGNER SERVICE



A new graphic designer service for the University is available on the ground floor of Arts C following the recent appointment of Katy Bignell, pictured here.

Katy, who took up her post on 1st September, is based in the Photographic and Design Unit (PDU) and will work closely both with the photographers and with the Printing Unit in Sussex House.

She offers a complete design service from concept through to finished artwork for printed materials of all kinds including posters, leaflets, brochures, books, logos and letter-heads as well as prospectuses and other official University publications. She can also design exhibitions and exhibition materials and - at the other end of the scale - produce graphs, tables

and other illustrative material.

"Many people will be surprised how much difference professional design can make," said PDU Manager Keith Wilson. "And with photography and printing also available we can offer a package service, taking jobs through from the initial idea to the final printed document."

The PDU also continues to offer its full range of photographic services to all members of the University, producing routine prints and slides on a weekly basis (deadline: 2.30 p.m. Monday for collection at 2.30 p.m. Thursday) and providing a comprehensive studio and exterior photography service.

Anyone who wants more information on graphic design and photography should contact Keith Wilson on 2233 or call in at Arts C119.

UPWARD TREND IN RESEARCH INCOME CONTINUES

The funding of research at the University of Sussex by industry and commerce jumped 40% in the last year and helped to push total income from research grants and contracts up to nearly £6 million.

Figures just released by the Research Grants Office show that in 1986-87 Sussex researchers received a total of £5.88 million in grants and contracts, an 11% increase over the previous year.

The Research Councils continued as the biggest contributors, providing £3.1 million, a figure similar to the previous year despite the reduction in levels of funding made available by the Government to Research Councils.

Areas of the University showing considerable growth in income for research include SPRU, up £222,000 on 1985-86 figures to £1.303 million, and Engineering, up £164,000 to £999,000. Even areas where significant support for research from external sources would not be expected fared well, with the Arts and Social Studies Area increasing research income by £114,000 to £703,000 and Education rising £52,000 to £165,000.

A list of donor organisations for the year 1986-87 shows that substantial sums were received from commercial organisations such as BP (£107,000), GEC (£81,000) and Portals Limited (£60,000), and that the EEC as well as the charitable trusts (notably the Wellcome and Leverhulme trusts) also provided significant support for Sussex research.

However, the Science and Engineering Research Council remained by far the largest source of funds, contributing £2.08 million in 1986-87, followed by the Economic and Social Research Council (£522,000), and the Medical Research Council (£410,000). Given that Research Council grants are made on the basis of a peer group review process, this indicates the high esteem in which research at Sussex is held by colleagues elsewhere in Higher Education.

Income from industry now stands at £835,000 and provides 14% of total research grant income. It has risen by more than £1/2 million in the last 4 years. Industrial Liaison Officer, John Golds, described this performance as very encouraging. "Universities do have to put more effort into undertaking research and development for industry given the decline in funding from Research Councils, and we have achieved this admirably over the last few years", he told Bulletin.

Income earned by Sussex from non-government sources (also including overseas student fees, donations and endowments) exceeds 1/3 of total income, compared with an average of under 1/4 for all UK universities, in 1985-86, the latest year for which national figures are available.

PHYSICISTS HONOUR SIR DENYS

Distinguished physicists from 19 countries gathered at Sussex last month to honour Sir Denys Wilkinson, FRS, on his 65th birthday.

The three-day conference, entitled "Interactions and Structures in Nuclei", reflected Sir Denys' broad interests over 40 years in many aspects of nuclear and particle physics, astrophysics and cosmology. The meeting also included frequent mention of his expertise in the field of bird navigation.

The conference was arranged in conjunction with the Institute of Physics and the European Physical Society. Professor Roger Blin-Stoyle and Dr. Dennis Hamilton organised the programme.

Speakers were Professor J.P. Elliott and Dr. J.D. Barrow (Sussex), Dr. G.A. Jones (Oxford), Professor A. Arima (Tokyo), Professor A. Richter (Darmstadt), Professor M. Rho (Saclay), Professor A. Faessler (Tubingen), Professor J. Deutsch (Louvain-la-Neuve), Dr. E. Warburton and Dr. M. Goldhaber (Brookhaven), Professor F. Boehm and Professor W. Fowler (Cal-Tech), Professor T. Kibble (Imperial College), Professor

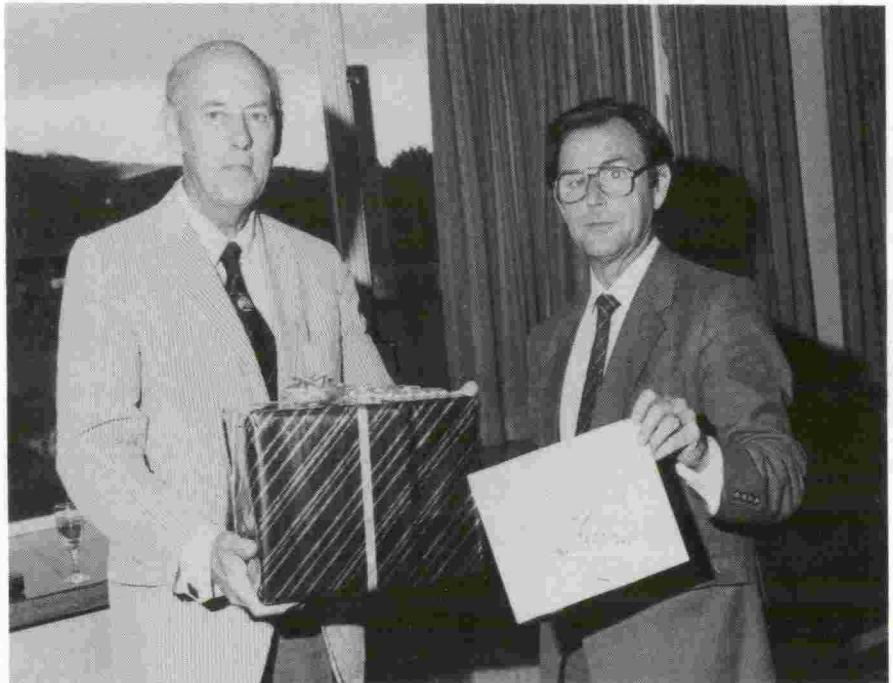
E.W. Vogt (TRIUMF), Dr. G. Charpak (CERN) and Professor E. Henley (Washington).

After-dinner talks were given by Dr. Fay Ajzenburg-Selove of Pennsylvania on Sir Denys' involvement with the light nuclei, and by Professor Ken Allen of Oxford and Dr. Dave Alburger of Brookhaven on Sir Denys' contributions to physics in Cambridge, Oxford and Brookhaven.

Sir Denys gave the concluding talk of the conference in which he discussed some recent developments in nuclear physics, particularly the question as to whether a quark description for the nucleus is needed. And in an after-dinner speech he reflected on his interactions over the years with many of those present.

Sir Denys continued his contributions to nuclear physics throughout the 11 years of his recently-completed Vice-Chancellorship and, while retiring from one career looks forward, as he puts it, to "emerging from retirement" from physics.

SIR DENYS SAYS FAREWELL



Sir Denys Wilkinson (left) receiving a farewell gift from the Administration presented by Dr. Geoffrey Lockwood.

Among the farewells paid to Sir Denys Wilkinson on his retirement after 11 years as Vice-Chancellor, was that of the Administration. Dr. Geoffrey Lockwood, Registrar & Secretary, made a presentation on behalf of colleagues and drew attention to the impressive way in which Sir Denys, the University's longest-serving Vice-Chancellor, had borne the burdens of office during a difficult period.

Sir Denys thanked all those who had helped him to weather the storms of

the past few years: "I do want to express my thanks for the staunchest possible support one could wish for." Sir Denys added that he was leaving with mixed feelings: "I do hope that I will be informed of the dates of Senate meetings so that I can arrange a sweep-stake on whether they finish before 8 p.m."

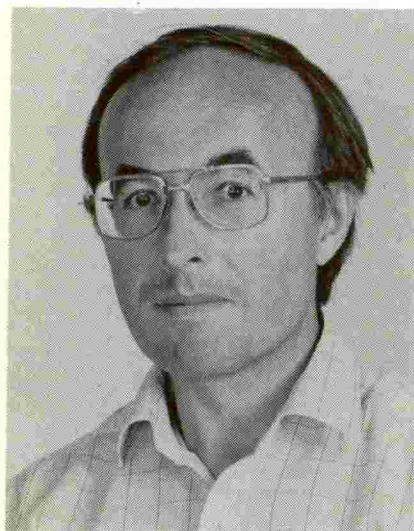
Sir Denys will be continuing his research interests. "I hope to lurk surreptitiously somewhere in the University from time to time," he said.

COUNCIL & SENATE

From the June meetings:

Ian Russell was promoted to a Professorship in Neurobiology from October 1, 1987. Professor Russell, who came to Sussex in 1972, was educated at Queen Mary College, London and the Universities of British Columbia and Cambridge. In his early career he was a Research Fellow at Cambridge and spent a year as a Royal Society Research Fellow at the King Gustav V Research Institute at Stockholm.

The title of Professorial Fellow was awarded to Dr. James Manor from October 1, 1987 for the duration of his appointment as a Fellow of the Institute of Development Studies. Professor Manor was educated at Yale and Sussex and most recently held appointments at Harvard.



Professor Ian Russell

Lord Trafford is to continue as Chairman of Council for a further period from August 1, 1987 to July 31, 1988.

Professor John Murrell's appointment as Pro-Vice-Chancellor (Science) has been extended for two years from January 1, 1988.

Mr. David Streeter is to continue as Dean of Biological Sciences for a further two years from September 1, 1987. Professor Tony McCaffery's appointment as Dean of Chemistry & Molecular Sciences has been extended for two years from March 25, 1987. Mr. Pramit Chaudhuri was appointed Acting Director of Graduate Studies from July 1 to December 31, 1987.

Other topics considered by Senate and Council included the titles of Senior Lecturer and Reader; the Language Centre; and a draft Code of Practice to comply with new national legislation on freedom of speech on campus.

CONGRATULATIONS!

In the Royal Navy promotions announced during the summer, Deputy Estates Manager Roger Bailey has been promoted from Lieutenant-Commander to Commander (Engineering) in the Royal Navy Reserve.



Sir Denys Wilkinson officially opens Pickfords Travel. On his right, Pickfords Managing Director Richard Lovell and colleagues and on Sir Denys' left, Manager Simon Wales and the British Caledonian piper.

COME FLY WITH ... PICKFORDS!

Pickfords Travel, which started business in the Refectory during the summer, officially opened last month when Sir Denys Wilkinson performed one of his last acts as Vice-Chancellor in declaring the travel agency open.

The opening ceremony got off to a rousing start with a British Caledonian piper playing outside the new offices and other British Caledonian staff on hand. Richard Lovell, Managing Director, and Julian Cartwright, Area Manager of Pickfords Business Travel, were among the Pickfords staff present.

Perhaps the happiest and most surprised guest was Janet Mortimer of the Institute of Manpower Studies - she won first prize in a British Caledonian/Pickfords draw of a flight and two-night stay at the Sheraton Hotel, Edinburgh, for two.

Pickfords' arrival at the University should be good news for everyone on campus: the company is offering a five per cent discount to all University

staff, providing Pickfords insurance is taken out, on package holidays and charter flights.

Pickfords is open 9 a.m. to 5.30 p.m., Monday to Friday (including the lunch hour), and Simon Wales (Manager), Lorraine and Joanne will be pleased to help you plan your trip.

Under the arrangement for Pickfords to come to the campus, all travel on University business (including research projects financed through the University), abroad and by air within the UK, should in future be booked through Pickfords. The University Council has approved a travel warrant system for this business which will enable people to order tickets and accommodation and have the cost charged directly to an account code. From this month Pickfords will not accept an instruction to charge the University unless a properly authorised warrant is produced. Supplies of the warrant form are held in Schools and other units.

UCCA ORDER OF PREFERENCE TO BE DROPPED

The present UCCA system which allows candidates to list universities in order of preference is to be dropped. A system without any order of preference, except that it gives candidates the right to asterisk a first choice if they wish, is to be introduced for the 1989 university entry. The present practice will continue for those seeking university entry in October 1988.

The decision to change the system was made by UCCA after consultations with schools, colleges, careers officers and universities showed a clear wish for change as the system had led to many candidates making tactical choices rather than expressing their true wishes.

JOHN EVANS

We regret to announce the death on September 25 of John Evans, the Supervisor of the Wages Office, at the age of 57. He had suffered from heart problems for a number of years.

John was one of the stalwarts of the Administration, having joined the University in 1968 as Chief Wages Clerk. He had served continuously in that capacity, week in, week out, with conspicuous dedication for 19 years. He was an extremely helpful man and naturally made many friends around the campus, who will miss him dearly.

To his wife Audrey, his daughter Beverley and his son Michael, we offer our deepest condolences.

SUSSEX GEOGRAPHER IN MEETING WITH MR. BAKER

Sussex geographer Tony Binns has played a leading part in discussions between the Geographical Association and the Secretary of State for Education on the future of geography in the school curriculum.

Dr. Binns, a Lecturer in Afras, is Joint Honorary Secretary of the Geographical Association. He was responsible for arranging and taking part in a meeting during the summer between Mr. Kenneth Baker and a GA delegation at Elizabeth House.

He set up the meeting with Mr. Baker following publication of the Association's book 'A Case for Geography'* which he edited with Patrick Bailey. The first copy of the book, representing the culmination of 18 months' discussion within the GA on the position and content of geography in the school curriculum, was presented to Mr. Baker.

The Education Secretary told the GA representatives that the national curriculum working parties currently being set up would include one on geography. The delegation welcomed the specific mention of geography as one of the subjects to be included. The working party is to be established in a year's time and Mr. Baker will be drawing on the GA's expertise as work on the national curriculum develops. The GA has established its own working party to consider the national curriculum and to liaise with Mr. Baker and the Department of Education and Science.

In the discussions with Mr. Baker and his colleagues, including Mrs. Angela Rumbold, Minister of State, the GA delegation stressed the current problems surrounding fieldwork, which, although recognised as an integral part of newly-established GCSE syllabuses, is beset with confusion amongst teachers over funding and safety.

* 'A Case for Geography' is available from the headquarters of the Geographical Association, 343 Fulwood Road, Sheffield, S10 3BP, price £3.95.

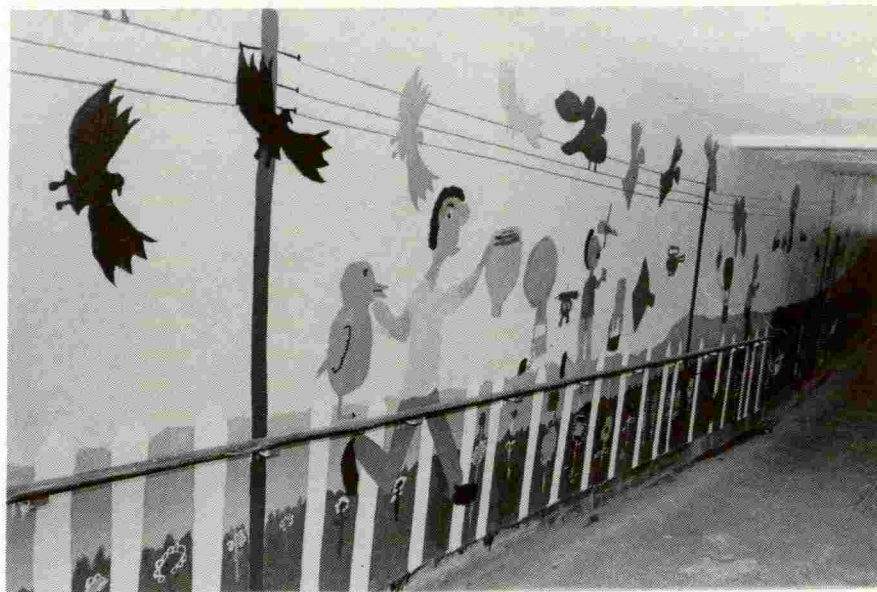
LINGUISTICS STUDENT WINS COMMONWEALTH SCHOLARSHIP

Stephen Jolly, an MA Linguistics student, is one of only 14 British students to be awarded a 1987 Commonwealth Scholarship to pursue doctoral studies in Canada. He has also won one of Canada's prestigious Killam Memorial Fellowships.

Stephen will be reading for a research degree in rhetoric in the English Language Department at the University of British Columbia. He came to Sussex after two years' work in advertising and public relations and was a Bachelor Scholar of Christ's College, Cambridge, where he was awarded a First Class Honours degree in English in 1984.

ESRC APPOINTMENT FOR PROFESSOR PAVITT

Professor Keith Pavitt has been appointed to the Economic and Social Research Council's (ESRC) new Research Grants Board. He will also serve a second term on the Science and Engineering Research Council/ESRC Joint Research Committee.



A welcome splash of colour came to the campus in August with the painting of 50'-long murals in the A27 underpass. Children on the Summer Play Scheme run by the Students' Union spent over two weeks covering the graffiti-strewn walls in colourful designs which, it is hoped, will keep the vandals at bay. More than 50 youngsters, aged between five and 12 took part in the painting of the murals, which have been featured in the national and local media.

OPEN DAY WOOS GIRLS TO AI

The new School of Cognitive Sciences at Sussex played host to a group of fifth and sixth form school girls during the summer in the hope of encouraging formal applicants for the degree course in Computing and Artificial Intelligence.

Twenty-seven girls from schools in Sussex and the surrounding counties attended the Open Day to learn more about Artificial Intelligence (AI) and to gain practical experience in using complex computer programmes to perform human functions, such as problem-solving and the giving of advice.

The BA course in Computing and AI has been attracting large numbers of applicants since its introduction, but since 1985, the number of formal applicants has been falling. The aim of the Open Day was to address those girls who were undecided about whether to pursue a career in the arts or sciences.

According to Dr Claire O'Malley of the School of Cognitive Sciences, "we felt that since many girls may be put off computing because of an association with mathematics or engineering, they may not recognise the potential that a degree course in AI can offer."

The Programme for the Open Day included talks from female lecturers in AI and also Psychology at Sussex on academic developments in computing and personal accounts of studying at Sussex given by current students. Two graduates of the Computing and AI course spoke on their experiences in industry, and visitors from IBM and Philips Research Laboratories introduced some of the latest commercial applications of AI.

The girls were given the opportunity

to see computing programmes in operation. The demonstrations included a system for analysing and presenting information on traffic flows, and a programme for reading bar codes with a computer connected to a camera taking live pictures.

The AI group at Sussex is one of the biggest and best supported in the country, a fact emphasised by the recent donation of £400,000 of computing equipment by Hewlett-Packard. The new School of Cognitive Sciences came into being this year to integrate the teaching of Computing and AI with Linguistics, Philosophy and Psychology.



Participants in the Women in Artificial Intelligence Open Day

NOTICEBOARD

(see also back page and page 6)

RESEARCH GRANTS NEWS

Frank Knox Memorial Fellowships

Four fellowships are available for graduates from the UK to spend 1988-89 studying in one of the Faculties of Harvard. Each fellowship is worth \$8,000 plus tuition and health service fees. Completed application forms should be submitted to the Vice-Chancellor's Office by October 14.

Kennedy Scholarships

Up to 12 scholarships are offered for postgraduate study at Harvard and the Massachusetts Institute of Technology in 1988-89. Applicants must be British citizens who will have graduated before taking up their scholarship. The scholarship provides an allowance of \$9,000 in the first year and \$7,940 if renewed. Completed application forms should be submitted to the Vice-Chancellor's Office by October 21.

Fulbright Colloquia 1988

The US-UK Fulbright Commission hopes to support one, and possibly two, colloquia in 1988, to be awarded by open competition. The theme of the colloquia must relate to Anglo-American interests. If the application is successful, an award of up to £5,000 will be made. Completed application forms must reach the Fulbright Commission's office by October 30.

Wolfson Medical Projects Scheme 1987

Applications are invited for grants for research projects which could lead to the development of a product or process for use in medicine or the 'medical industry'. Multi-discipline projects will be favoured. Completed applications should be submitted by December 1, 1987.

'Innovation'

Academics who have ideas which they want to market may do so through the Magazine 'Innovation'. Longman Cattermill are now calling for entries for the next edition of the magazine. Closing date for applications: October 16.

The Royal Society

Grants in Support of Public Understanding of Science: available for new or continuing activities or initiatives. Closing date: December 1, 1987.

The Rutherford Scholarship: this award is open to graduates of exceptional ability to undertake research in the natural sciences (preferably, experimental physics). The award is tenable for 3 years, to be held in some part of the Commonwealth other than that in which the applicant graduated. Closing date: February 15, 1988.

Fellowships and Study Visits to Japan: up to 10 postdoctoral fellowships are offered each year for British scientists to go to Japan for 1 to 2 years. Closing dates: November 20 and May 20. Study visit grants are available for scientists of postdoc. status to visit Japan for between 14 days and 6 months to establish or renew contacts. Applications should be submitted 4-6 months in advance of travel.

European Science Exchange Programme Postdoctoral Fellowships: some 70 fellowships per annum are provided, tenable in laboratories of applicants' choice in 16 countries, normally for 1 academic year. Closing dates: January 12 and May 10, 1988.

Details of the above grants are held in the Research Grants Office, Room 201, Sussex House.

1988 Winston Churchill Travelling Fellowships

Up to 100 fellowships are awarded each year to UK citizens from all walks of life to gain a better understanding of the lives and work of people overseas. No educational qualifications are needed, but candidates must be able to show that they can make effective use on their return to this country of the knowledge they have gained abroad. Applicants propose a study project related to their trade, profession or interests. Awards are offered in the following categories for 1988: * glass and ceramics - their application in architecture * distance learning * sheltered and semi-sheltered homes for the elderly and the infirm * training for skills in industrial crafts * the care and control of dogs and cats in the community * the control and management of infectious diseases - AIDS, MRSA, meningitis, etc * the control of atmospheric pollution in Europe * sea and airport security * the creation of small businesses * open, for projects in Australia.

The grant covers all fellowship expenses, for a stay overseas of about eight weeks. Grants do not cover attending courses or academic studies. Application forms and further information are available from: The Winston Churchill Memorial Trust, 15 Queen's Gate Terrace, London, SW7 5PR. Send s.a.e. Completed application forms must reach the Trust office by October 30, 1987.

European Parliament - Robert Schuman Scholarships

These scholarships are open to postgraduates, normally nationals of a member country of the Community, and are based at the Secretariat of the European Parliament in Luxembourg under the supervision of a senior official of the Directorate-General for Research. The duration of a scholarship is two or three months and the amount payable is approx. 37,000 Belgian francs per month.

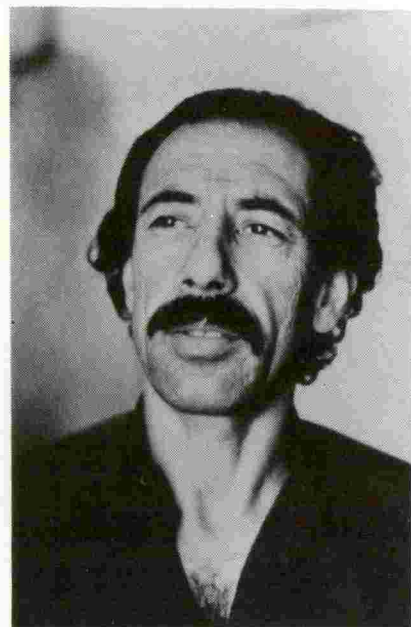
Applications may be submitted at any time during the year and further details and application forms are available from the Graduate Office, Room 332, Sussex House.

Japan Foundation Grant Programmes '88

The Japan Foundation has announced a series of grants for programmes intended to further the study of Japanese culture and society. The eight programmes cover a variety of activities from support for fellowships to study in Japan to support for the teaching of Japanese language. Further details are available from the International Office, Sussex House.

PUBLICATIONS BY MEMBERS OF STAFF 1986

A small number of copies of a list of staff publications in 1986 are available on request to the Planning Section, Room 309, Sussex House (tel. 8707).



Amir Mohammad

FILM

AMIR: an Afghan refugee musician's life in Peshawar, Pakistan

The above film, directed by John Baily, a Visiting Research Fellow in Afras, will be shown in Lecture Theatre A2, Arts Building, this Wednesday, October 7 at 2.30 p.m. The screening is for new undergraduates in Afras but others are welcome.

Amir Mohammad plays in the band of Shah Wali Khan, a leading Afghan singer. Musicians have been more successful than many other refugees in Peshawar. The film follows two strands of Amir's life. It is a study of the working life of musicians and shows the integration of refugees into the Pakistani music profession. At the same time it deals with Amir's life as a refugee, the death of his baby daughter and his yearning to return to his home in Herat.

UNIVERSITY OF SUSSEX ARMENIAN SOCIETY

It is proposed to form a society to promote Armenian culture, particularly music and literature, at Sussex, and to organise informal social events. Membership will be open to those of Armenian descent and to others interested in Armenian history and civilisation, from within the University and the local community. Further details from Haig Utidjian, EAPS u/g p/h.

UNIVERSITY STAFF BADMINTON CLUB

All staff, faculty and postgraduates are invited to join the Club which meets on Thursdays in the Sportcentre from 7 to 10 p.m., commencing on October 8. Players of all standards are welcome. Contact: Dr. David Robinson, ext.2298; Alison Petrie-Brown, 2343; Pauline Hubbard, 4093; Rosemarie Warton, 2874.

MORE MASTER CLASSES

The highly successful Master Class series run for local school children by the University in conjunction with the Royal Institution continues this autumn with a third series of Master Classes in Technology.

The Classes, sponsored by Shell UK Limited, aim to introduce local school children to the latest developments in engineering and the application of new technologies. Sixty children from East and West Sussex schools, aged 13-14 years will attend the Classes running from November 1987 until March 1988.

The object of the Master Classes is to increase the awareness of the research and development expertise employed by British industry, stressing the importance of a problem-solving approach by integrating various concepts from a variety of academic disciplines.

Pupils will tackle a number of courses in subjects ranging from aerospace engineering to lasers and technology, and will also visit the Museum at the Royal Institution in London.

Those participating in the teaching of the Master Classes include staff from Engineering and Applied Sciences (EAPS) at the University, from Shell UK and from the Royal Institution, and the tuition will take place in the School of Education on the campus.

The Master Classes in Technology have been running successfully since 1985, and form a part of a series of courses organised at the University for local school children. Royal Institution Master Classes in Physics and Mathematics have introduced many children to current developments in those subjects over the last few years, and many one-day classes and revision courses for sixth formers are run each year.



Sir Run Run Shaw (left), the Hong Kong education benefactor and movie mogul, who was presented with an honorary degree by the University of Sussex in August, inspects a model of the Chinese University of Hong Kong with its Vice-Chancellor, Dr. Ma Lin, and Sussex Registrar and Secretary, Dr. Geoffrey Lockwood. The honorary doctorate of Letters was presented at a special ceremony held in the Chinese University after Sir Run Run had been unable to attend the Summer Graduation ceremony in Brighton in July. Having built up a successful commercial empire in the film and television industries, Sir Run Run has been a major benefactor of education and the Arts, and both Sussex and the Chinese University have benefitted from his generosity.

ENGINEERING STUDENTS WIN A FIRST AND SECOND

Two Sussex graduates have won first and second places in the South-East regional heat of the Institution of Mechanical Engineers National Queen's Silver Jubilee Competition for 1987.

Ian Travers, who won first prize, and Alison Twynam, who came second, both graduated this summer. Ian now works for Rolls-Royce in Derby and will have the chance of competing in the national

final to be held in London in November. Alison has begun a mechanical engineering career with the British Airports Authority at Gatwick.

The competition has been run annually by the Institution since 1977 with the aim of promoting effective communication by engineering students, who are judged on an oral presentation of their undergraduate project work. The regional heat was held at the University last month. Gareth Rogers, Education Producer for BBC Radio Sussex, and Sydney Hetherington, Publicity Officer for the Institution's local branch committee, were the judges.

ACROSS THE BINARY DIVIDE

The University and Brighton Polytechnic are leading the way in moves to bridge the binary divide with the announcement of a new MSc degree, the first to be awarded jointly by a university and a polytechnic anywhere in the UK.

The MSc in Computer Technology and Manufacture will involve the use of equipment and teaching resources at the University and at the Polytechnic's Moulsecoomb site. Staff from the School of Engineering and Applied Sciences (EAPS), and the Department of Mechanical and Production Engineering (DMPE) at Brighton Polytechnic will share the teaching load equally.

The collaboration in the planning of the new course, which will admit its first 20 students in October 1988, is the result of a joint planning initiative launched by Sir Denys Wilkinson, former Vice-Chancellor of Sussex, and Professor Geoffrey Hall, Director of Brighton Polytechnic, in 1986 to improve links between the two institutions.

Staff from both EAPS and DMPE have

a broad spectrum of expertise ranging from Computer Science, Electronics and Control to Mechanics, Drive Systems, Robotics, and Computer Aided Design. These interests will be reflected in the structure of the course which will concentrate on the applications of computers in manufacturing processes.

The technology involved in such a course is changing rapidly and therefore the need for significant levels of funding and industrial support is paramount. Neither the University nor the Polytechnic would be able to provide a sufficient level of resources independently, but with both institutions making major financial commitments and building on existing industrial links, it is hoped that the course will be resourced adequately.

Local industry has shown a keen interest in the new degree and five industrialists assisted in the formulation of the course. It is hoped that firms will co-operate by setting up industrial placement schemes, by sponsoring students taking the degree and by helping to provide

essential pieces of equipment.

The MSc course is a response to the national need for more qualified engineers in the manufacturing field. According to Dr Fred Maillardet, Head of DMPE at the Polytechnic, "there is a growing awareness that the re-juvenation of British Industry is being held back by increasing demands of employees in manufacturing not being met."

Members of staff in EAPS and DMPE have maintained close links in the past, and Professor B V Jayawant, Dean of EAPS, said that "the joint degree will make use of the mutual trust and complementary nature of our expertise". Recent moves in higher education have led to a narrowing of the differences between universities and polytechnics nationally. The recent Government White Paper, "Higher Education - Meeting the Challenge", had as one of its aims the accreditation of the polytechnics, thus allowing them to approve their own degrees rather than going through the current system of Council for National Academic Awards (CNAA) validation.

NOTICEBOARD (see also pages 4 and 8)

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 press, 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 obtainable from the Personnel Office, Room 227, Sussex House. The list was compiled on September 29 and is subject to revision. All posts are for male or female applicants.

Academic Faculty

Chair in Artificial Intelligence in the School of Cognitive Sciences (closing date 20.10.87)

Temporary Lectureship in Experimental Psychology in the Laboratory of Experimental Psychology.

Other Related Faculty

Organising Tutor in the Management and Professional Development Unit of the Centre for Continuing Education for the Assessment of the Evaluation of In-Service Education.

Technical

Research Technician, Biols (Grade 5)

Clerical and Related

Secretary, Vice-Chancellor's Office (Grade 1/2)

Secretary/Clerk, School Office, EngAm (Grade 1/2)

Secretary, Examinations Office (1/2)

Accounts Clerks (1/2)

Careers Information Assistant, Information Room, OAS (2)

Nursery Supervisor, University Nursery

Training for School Leavers

Clerical Youth Training Scheme places available in the following offices: Management Accounts, Estates Accounts, Printing Unit, Information Office. Placement for 2 years, and possibility of appointment at the end of 2 years.

Manual

Advanced Fitter/Plumber, Estates and Maintenance Department

Catering Supervisor, Playing Fields Pavilion, Supervisory Grade 14.

Tea Person Snack Bar Assistant, temporary, in Common Room, SocSci.

ELECTED POSTGRADUATE PLACES ON THE SENATE

Three postgraduates are elected to the Senate annually, one each by the postgraduates in the Arts & Social Studies and Science Areas and one by the students in the Continuing & Professional Education Area. Notices of Election and Nomination Forms (if not collected at Registration) may be obtained on request from Mr. R.I.M. Jamieson in Sussex House (tel. 3827), to whom nominations must be submitted by November 13, 1987.

BRITISH CITIZENSHIP

Do not lose your automatic right to become a British citizen - you will lose this right on December 31, 1987. If you are unsure whether you are entitled to British Citizenship, go to the Brighton Law Centre, 36A Duke Street, on Oct. 21 or 28 or Nov. 4, 6 - 8 pm. Further information from the Welfare Advice Centre, Falmer House.

CENTRE FOR CONTINUING EDUCATION

Open Lectures

October 20: The Royal Society's Philips Lecture 1987: **MAGNETISM: THEORY AND APPLICATIONS** by Dr.H.B.G.Casimir, former Research Director, Philips Co.

October 22: Professorial Inaugural Lecture: **ARE AMERICANS DIFFERENT?** by Stephen Fender, Professor of American Studies, University of Sussex.

Both the above lectures will take place at 6.30 p.m. in the Molecular Sciences Lecture Theatre. Admission free.

Residential Weekend Schools at the White House, Isle of Thorns, Chelwood Gate:

October 16-18: Assertiveness Training Workshop

October 23-25: The Ashdown Forest and High Weald Landscape and Orpheus In Music/Film/Poetry

Day Schools

October 24: Discovering the History of Your House (at the County Records Office, Lewes)

October 31: Return to Study and Stress (both at the University)

Further details of these Weekend and Day Schools and other courses are available from the Centre for Continuing Education in the Education Development Building.

'Hastings Childhoods'

A new publication from the Centre for Continuing Education, 'Hastings Childhoods', looks at what being a child in the town was like in the first half of this century. The book, by the Hastings Modern History Workshop, which meets as a CCE evening class, includes 11 personal stories of people born between 1897 and 1922. The result is a graphic account of the lives of Hastings children - street games, food, family life, school, Christmas and Sunday school outings. The book also includes the story of education in the town 1800-1945, as well as a directory of local schools, many long gone. 'Hastings Childhoods' is available price £4.95 (inc. post) from the Centre and is also on sale in local bookshops.

OPENING OF SESSION SERVICE

The Vice-Chancellor, Mr. Leslie Fielding, will be the preacher at the Opening of Session Service to be held in the Meeting House Chapel this Thursday, October 8, at 6 p.m. This will be followed by a wine and cheese party on the lower floor of the Meeting House.

TERM DATES 1987-88

Monday, October 5 - Friday, December 11, 1987

Monday, January 4 - Friday, March 11, 1988

Monday, April 18 - Friday, June 24, 1988

UNIVERSITY CLOSURES 1987-88

The University will be closed for Christmas and the New Year from Thursday, December 24, 1987 to Friday, January 1, 1988, inclusive.

The Easter closure will be from Wednesday, March 30 to Monday, April 4, 1988, inclusive. The University will also be closed for the Bank Holidays on Monday, May 2 and 30, and August 29, 1988.

RECENT BOOKS

Recent publications by Sussex authors include:

Technology Policy and Economic Performance: Lessons from Japan by Christopher Freeman. Pinter. £20.

Regular Variation by N.H. Bingham, C.M. Goldie and J.L. Teugels. Encyclopaedia of Mathematics and its Applications 27. Cambridge U.P. £50.

The Early Tudor Country House. Architecture and Politics 1490-1550 by Maurice Howard. George Philip. £17.95.

Paris - A Literary Companion by Ian Littlewood. John Murray. £12.95.

Social Theory and Social Criticism. Essays for Tom Bottomore. Edited by William Outhwaite and Michael Mulkey. Blackwell. £29.50.

War Factory. A Mass-Observation book with a new introduction by Dorothy Sheridan. Cresset. Paper, £4.95.

Food Aid. The Challenge and the Opportunities by Hans Singer, John Wood and Tony Jennings. OUP. Paper, £7.95.

Men Change Too. A novel by Stuart Sutherland. Duckworth. £10.95.

Dilemmas of Development. Reflections on the Counter-Revolution in Development Theory and Policy by John Toy. Blackwell. Paper, £8.95.

Long-Term Unemployment. An International Perspective by Kenneth Walsh. Macmillan. £29.50.

All available from
SUSSEX UNIVERSITY BOOKSHOP

AIDS SCREENING FOR FOREIGN STUDENTS IN CHINA

The British Embassy in Beijing has advised that as from September 1987 the Chinese authorities require all foreign students studying in China for one year or more to have been screened for AIDS.

Travellers to China: please note

A recommendation to British Diplomatic staff to carry with them at least two hypodermic needles and syringes while travelling within China should also be heeded. The British Council in Beijing advises that British students studying in China should follow this recommendation, which has been made in response to recent concern over AIDS and also general concern over the hygiene in Chinese hospitals.

BULLETIN

The Bulletin is published every three weeks during term-time. The next edition will appear on Tuesday, October 27 and copy must be received in the Information Office, Level 2, Sussex House (tel. 8208) by no later than 4 p.m. on Monday, October 19.

Other publication dates are: November 17 (copy date November 9) and December 8 (copy date November 30).

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.