PLANNING COMMITTEE

The Planning Committee at its meeting on March 8 considered a number of items of long-term significance. In particular the Committee considered strategic planning and an outline growth plan (OGP).

The strategic planning discussion arose from the Committee's two special meetings held earlier this term and it was agreed that certain aspects should be investigated further by a number of small groups established for that purpose.

The topics which will be considered by those groups are: the Role and Organisation of Research; the Role of the Professoriate; Recurrent Education; Academic Structure; the Allocation of Academic Resources; Overseas Relations.

The OGP stems from a request by the University Grants Committee that universities should submit plans "related to growth from present numbers to the new planning numbers and establishing in sequence and priority all the projects needed to bring universities to the standards indicated by UGC norms in all categories of accommodation for the new numbers."

The new student numbers (4,650 full-time) were notified before the last Planning Committee but at the meeting on March 8, the Committee considered types and amounts of physical space required to accommodate those numbers.

After consideration of a detailed report on space allocated to different activities as opposed to that cited in UGC norms, the Committee agreed that an OGP should be drawn up on the basis of seeking capital funds to provide 800 sq. metres of general teaching space, 1,600 sq. metres of academic space for the Arts and Education Areas and additional Library and Sport facilities.

In addition to those items the Committee agreed to recommend to the Senate that the University should establish an Appointing Committee for a Chair of Developmental Psychology. The Committee referred back to the Arts & Social Studies Committee a proposal that the Human Sciences Major should be discontinued and referred back to the Science Committee a proposal for a radical revision of the syllabus for Computer Science.

The Department of Education and Science has published a discussion document "Higher Education into the 1990's", details of which were given in The Times Higher Education Supplement on March 3. The document includes a general invitation to any interested bodies and individuals to put their views and comments to the DES, and the University, as an institution, will be sending its view in due course.

If you have any comments on the document which you would like considered when the University's view is formulated, please write to the Planning Officer, Sussex House. There is of course no reason why individuals cannot write in a private capacity to the DES direct.

MARGARET GRANT TRAVEL FUND

A travel fund to assist young research workers in to be established in memory of the late Margaret Grant whose highly productive work at Sussex on cancer research was cut short by her untimely death in 1974.

Margaret Grant began her distinguished academic career at the University of Queensland and then at the Australian National University. She then moved to the National Institute of Health, Bethesda, and from there to Sussex.

At Sussex, she worked first on the metabolism of nucleotide precursors in bacteria and subsequently on the glycolipid changes that occur after malignant transformation by oncogenic viruses, with financial support from the British Cancer Research Campaign. After only one year's work on this latter project she became ill and died in April 1974.

Her colleagues, relatives and friends in Britain, Australia and the United States have decided to establish a Margaret Grant Travel Fund to award fellowships "to promote the communication of scientific ideas among young scientists" which would enable young research workers to visit other laboratories or to attend conferences and meetings.

The Grant family in Australia has given generous financial and moral support to this scheme. An appeal has now been launched to all colleagues and friends of Margaret Grant to contribute sums large or small towards the establishment of this memorial.

Initially the fund will be administered by Professor Sydney Shall, Professor of Biochemistry; Dr Christina Kennedy of the ARC Nitrogen Fixation Unit; Dr Brigid Hogan of the Imperial Cancer Research Fund Laboratories; and the Deputy Finance Officer (Accounts), University of Sussex. All contributions should be sent to Professor Shall in Biology and cheques should be made out to the University of Sussex, and will, of course, be acknowledged.
IN BRIEF

VIRGINIA WOOLF MISCELLANY

The Virginia Woolf Miscellany is a newsletter recently developed to keep scholars and readers of Virginia Woolf in touch with one another. The magazine, with its mailing list now more than 800 readers and libraries in more than a dozen countries.

The next issue will be edited by a British and European reader, and is especially helped by contributions from the University of Sussex, centre of so much valuable archival material.

Samples of the newsletter are on file in the manuscript section of the University Library, or you may write or telephone directly to Professor J.Wilson, on sabbatical leave here, at 1 Wallands Crescent, Lewes. (Tel. Lewes 7877.)

MACKIE AND MACHEATH

The second in the series of exhibitions marking notable anniversaries opened yesterday in the Library and will continue until the end of term.

Commemorating the 250th anniversary of the first production of Gay's The Beggar's Opera, and the 50th anniversary of Brecht and Weill's The Threepenny Opera, it demonstrates their origins, social backgrounds and impacts, with illustrations of some recent productions.

AWARD FOR PROP. CHATT

Professor J.Gatt, Director of the ARC Unit of Nitrogen Fixation, has been awarded the 1978-79 Chandler Medal by Columbia University in the city of New York, for outstanding contributions to several aspects of inorganic chemistry. At the presentation of the award, he will deliver the Charles Frederick Chandler lecture.

BALDSION SENIOR FELLOWSHIP

The Occupational Advisory Service has details of the Baldsion Fellowship offered at the British School at Rome for an established scholar to reside at the School for a period of approximately six months. There will be two appointments made, one for the year 1979 and one for 1980.

The most appropriate areas of interest are listed as history of art, and history, but these are only very broad guidelines.

The OAS has information about many other awards and scholarships offered both in the U.K. and abroad; these tend mainly to concentrate on postgraduate study rather than postdoctoral, but we do from time to time receive details of postdoctoral fellowships. For further information contact the OAS, Refectory Terrapins, Int. tel.04-666.

STAFF SOCIAL CLUB DANCE

The University of Sussex Staff Social Club will be holding a Grand Dance on Saturday, April 15 in the Old Refectory, Falmer House, from 8.00 p.m. 'til midnight. Tickets, £1 each, from A.Lay, Park Village (08-234); C.Barrett, Essex House (08-117); D.Doe, Falmer House (09-168). (1.25 at door.)

SPORT

NEW DANCE COURSE

The Sport Service will be running a six-week dance course during the Summer Term based on the American Martha Graham technique. This course will be open to all students and staff although numbers will be limited. Beginners and intermediates, men and women, welcome. Sign on at Sportcentre reception at the beginning of term.

ISLE OF THORNS SWIMMING POOL

This summer, the Isle of Thorns swimming pool will have the following supervised hours of opening, between May 1 and September 30:

- Wednesdays 3 p.m. - 7 p.m.
- Saturdays 11 a.m. - 6 p.m.
- Sundays 11 a.m. - 6 p.m.

SPO R T C N T R E CLOSED FOR EXAMS

The Sport Centre will be closed for examinations from tomorrow, March 15 until Monday, March 23 inclusive.

The reception desk will be open as usual for purchases and bookings.

Centre for Continuing Education

THE RIGHTS OF CHILDREN

Dr. Mia Kellmer Pringle, Director of the National Children's Bureau, will deliver a University Special Lecture on the subject of "The Rights of Children", in the Molecular Sciences Lecture Theatre at 6.30 p.m. on Monday, April 24.

THE EEC IN AMERICA'S SHADOW

Also early next term, Professor François Duchêne will deliver a Professorial Inaugural Lecture on "The EEC in America's Shadow: prospects for the future". This will be on Thursday, April 27, at 6.30 p.m. in the Molecular Sciences Lecture Theatre.

Students' Union Trading Services

Although an increasing number of faculty and staff members take advantage of the facilities offered by the Union's trading services, the number is still sufficiently small to justify repeating that the services are not just for students but for all members of the University.

The Union Shop, for example, with stocks ranging from portable typewriters to bic pens, from long-playing records to greetings cards, from personal stationery to cameras, from hanging baskets to track suits - all at prices far below those of the high street retailer - provides, not only for day to day needs, but also for last minute present problems.

For those who have not yet discovered its whereabouts, it is over the wooden bridge in the Falmer House Courtyard and is open Monday - Friday, during term-time between 0930 and 1700 hours. As far as the Travel Service is concerned, the number of facilities to non-students is increasing almost daily. We are now able to offer discounted scheduled air services to a number of European destinations, ARC flights to North America and the Caribbean, charter fares worldwide, cheap continental rail travel to anyone under 26 years old, European Coach Services and numerous ferries.

As agents for SEALINK we are able to offer instant reservations and tickets for you and your car to France, Ireland, Channel Islands etc. and are open, throughout the year from 1230 - 1630 Monday to Friday. The Travel Bureau can be found on the first floor of Falmer House.

Paddy O'Heilin

Union Administrative Officer.
A DECADE OF COMPUTING

The Computing Centre, although located in Physics Building Stage III, provides an educational service available, with the minimum of formality, to all sections and members of the University.

The first computer hardware - an ICL 1905 - was delivered in 1966 and the Director of the Centre, Alan Kirk, took up his appointment in October, 1967. The computer, now a very much upgraded 1904S, with additional smaller peripheral computers, is worked on a two-shift system and the staff, including faculty staff, operators, receptionists, and clerical staff now total twenty-four.

There are two significant developments over the first ten years of the Computing Centre's existence which should be highlighted, quite apart from the major upgrading financed by the Computer Board in 1971-72 and the installation of a front-end processor in 1973-74 jointly financed by the Computer Board and the University in recognition of the level of administrative use which was being made of the 1904S at Sussex.

Firstly, throughout the decade there have been gradual developments towards what is described as multi-access working in which the computer user, instead of preparing his program and data on punched cards or paper tape, is able to sit at a typewriter keyboard device called a teletype and communicate directly with the computing system.

The facilities designed into the handling system enable the user to amend and correct his records and to initiate runs of his programs with sets of data independently of computer operations personnel.

Quite apart from the convenience of multi-access working, as its name implies, many users can be connected at one time and the teletype devices need not necessarily be located near to the computer or in the Computing Centre.

There are now about thirty terminals which can be connected to various multi-access services which the Centre offers and approximately half of the number are at present located in various small groups around the campus. Although there are differing views as to the relative successes of these services offered by the Centre, there is little doubt that they have provided an improvement in the convenience and speed with which the central computing facility can be used.

Secondly, whilst the Computer Board for Universities and Research Councils has gradually uprated the locally installed hardware during this first decade, they have contributed even more significantly, as far as raw computer power is concerned, by financing data transmission links to the Regional Services provided by the University of London Computer Centre (ULCC) early in 1973 and more recently by the University of Manchester Regional Computing Centre (UMRCC) in 1977.

Sussex, as a member of the South East Regional Committee, now has allocations on these remote machines which are equivalent to some four or five times the power of the local hardware. Unfortunately, although the power available is dramatic, the use of ULCC demanded preparation of conventional punched cards with no multi-access editing facilities.

The recent connection to UMRCC has,

Continued on page 4 col. 1

Computing Services in the 1980's

Computing Committee is seeking comments on its proposals for computing services at the University in the 1980's. The main proposal is that the existing ICL 1904S machine in the Computing Centre should be replaced in 1980 onwards by a local network.

The Computing Centre would house about three mini-computers, to which were linked, say, five operating nodes. Each node would be located in a different building and users would be able to access the full range of computing services, including the ability to access the regional computing centres.

The above proposals arise from a report by the Computing Committee's Working Party on Future Hardware Provision, a summary of which is available on request to Penny Spelling, Sussex House (int. tel. 057-19931).

The following computing needs were identified:

1) Batch processing of programs needing large amounts of computing power;
2) Multi-access and interactive services needing a total of 60 terminals situated throughout the University;
3) Real-time process control;
4) Text-processing and information retrieval and dissemination;
5) Data-processing for the University Administration and Library.

There was also a need for users to be able to access all computing services from their own building.

It is proposed that Sussex should obtain its batch processing by using national and regional networks and that real-time process control should continue to be serviced by dedicated mini-computers, which should have data-links to the main processors where possible.

It would be advantageous for text-processing and information dissemination facilities to be made available locally. Certainly, facilities will be needed to enable researchers to transfer information gathered from an external database into their own locally held information files.

The Administration's and Library's data processing needs are sufficiently distinct from those of other University users for their requirements not to have been explored in detail, nor recommendations made regarding how these needs should be met.

The Computing Committee proposes that the multi-access and interactive Continued on page 4 col. 2
Continued from page 3 col.2

However, altered this situation to the good and a new multi-access service based on UMBC has been developed and it is believed the supporting regional service will, because of convenience, tend to develop at UMBC whilst the usage of ULCC drops off.

It should be mentioned that the University administration, through the Finance Office and the Registrar & Secretary's Office, makes use of the computer on a routine daily basis for salary payments, settlement of accounts, student records and so on. The Library also keeps its current books on loan information updated by daily runs using the information collected in the Library from the plastic borrower's card. In these various ways, members of the University do indirectly rely on the Computing Centre's facilities and operations rather more than they are probably aware, even though they may not themselves be direct users registered with the Centre.

All policy matters related to computing within the University, and within the Computing Centre in particular, are the responsibility of the Computing Committee which is itself a sub-committee of the Planning Committee. During the past year, the Computing Committee set up a working party to make recommendations as to the future hardware needs to meet the computing services required by the University in the 1980's. A report has just been completed and will receive wide circulation during the next few weeks with a view to eliciting comments.

The main recommendation is that the central processing unit should be eventually replaced by a network of linked mini-computer systems through equipment located conveniently to users in their own buildings. It does not necessarily follow that the individual computer processors or the file store devices need be centrally located; this is a question which will be decided by technical matters and the availability of suitable accommodation, but the "special interest groups" of users will be enabled to have a service tailored to their own needs.

The working party believes that the Computing Centre's staff should continue to be centrally managed although they might be located around the campus for the convenience of the special groups which they serve.

The object of these plans is to enable computer users at Sussex to have a more powerful local service which by being less practical tends, available within their own buildings, makes it unnecessary for the Computing Centre to be visited for normal routine operation of developed programs. It will still be necessary, however, for users of the computing service to visit the Centre for specialist planning advice for instance and the Centre's accommodation will probably alter gradually to take on this new role.

Finally, in the context of changing accommodation needs, a number of physical alterations have recently been made in the Centre. A new job submission and reception area has been designed and a spiral staircase installed to give more convenient access for users to the teletype terminal room on level 4. These changes have certainly increased the relatively quiet reading areas in the Centre and should thereby be beneficial to present users. It is hoped that these changes are typical of the minor building alterations which will be made from time to time to make the Centre's accommodation more appropriate to its current role.

Continued from page 3 col.3

services are the main ones which should be met locally. It therefore recommends that future hardware provision, funded by the Computer Board for Universities and Research Councils to the likely extent of £15m, should be in the form of a de-volved, intra-University network with total computing power equivalent to at least five "Atlas Units". Nodes of the network should be suitably configured to meet the various specialised computing needs in the University. This University network will evolve into a viable system of connections with national networks, databases, and computing facilities.

In addition, the University's submission to the Computer Board should include a request for the first computer of the campus network to be installed in the Computing Centre (alongside the ICL 1904S) in 1979-80, and the remainder to be installed from 1980-81 on.

Comments on the Computing Committee's proposals should be received by Penny Spelling no later than Thursday, May 4, 1978, although it would be appreciated if an indication could be given by April 27, 1978, of any substantive comments.

ROBIN LEE POETRY PRIZE

Undergraduates are reminded that entries for the Robin Lee Poetry Prize should be sent to Nancy Holmes in Arts D by May 15, 1978.

Any number of poems may be submitted (whether separately or as a sequence), of any length and a maximum of 200 lines in all and they should be in English.

OTHER ITEMS OF INTEREST

AUT ELECTIONS

In the recent circular to AUT members about the forthcoming local elections it was stated that one member of the Administrative Sub-Committee should come from the Bursar's area.

Administrative re-organisation has outdated this constitutional provision; the committee has therefore decided that, for this election only, one member should come from the Community & Estates Officer's area instead. (For the future, the constitution will need to be changed.) All members are reminded that nominations should be sent to Jennifer Platt, Arts E, by March 23.

UNIVERSITY CHAPLAINCY

Members of the University who are interested in the work of the Chaplaincy, should feel free to contact any member of the University Chaplaincy Appointing Committee. The Senate and Council have agreed that the post, when it falls vacant on Rev.Dr. D.B. Forster's resignation, may be refilled, and have approved an Appointing Committee comprising the Chairman of Council (Chairman), the Vice-Chancellor, Mr. D.W. Bunker, the Earl of March, the Pro-Vice-Chancellor (Arts), the Chairman of Counselling Services and the Rev.Dr. M.P. Wadsworth.

They may be contacted either directly or through the Secretary to the Appointing Committee, Mr. B.M. Smith, Room 310, Sussex House.

UNIVERSITIES' STATISTICAL RECORD

The Universities' Statistical Record (USR) was established in 1968 to provide statistical information about higher education, especially on the movement of staff and students into, and out of higher education.

The statistics are used inter alia by government and international agencies, research councils, professional bodies, industry and commerce, as well as by universities themselves for resource allocation, planning and research, but, in publishing statistics, USR adheres strictly to rules which safeguard individual confidentiality.

The information which is kept by USR, and the confidentiality safeguards it uses to protect individuals, are outlined in a revised edition of a booklet recently prepared by the University Grants Committee and the Committee of Vice-Chancellors and Principals.

Copies of this booklet may be obtained on application to Penny Spelling, Sussex House (05-197).
Non-Academic Vacancies

The Establishment Office has issued the following current list of non-academic posts within the University which are to be filled. Job descriptions for all the posts listed are displayed on notice-boards. The list was compiled at March 7.

Information Assistant (e) Occupational Advisory Service (1 or 2)

Manpower Adviser (1) Institute of Manpower Studies

Accounts Clerk (e) Chief Accountant's Office (1 or 2)

Computer Operator (e) Computing Centre

Trainee Computer Operator

Secretaries (a) English & American Studies (1 or 2)

Computer Operators (m) School of Engineering & Applied Sciences (3)

Fitter/Advanced Fitter (d) Estates & Maintenance

Electronics Technician (a) Social Psychology Laboratory (3)

(k) School of Engineering & Applied Sciences (5)

Technical Assistant (b) School of Biological Sciences (Part-time I B)

Technicians (f) School of Molecular Sciences (5)

(g) School of Mathematical & Physical Sciences (2 posts 5 41B)

Domestic Assistant/Cleaner (c) Ashcombe House (Part-time)

Painter (j) Estates & Maintenance

Library Assistant (n) University Library (1 or 2)

Catering Assistant (e) Sports Pavilion (Part-time)

Porters (1) Kent House (b) School of Biological Sciences

(h) School of Biological Sciences

Senior Porter (h) School of Biological Sciences

Groundsman/Woman (j) Estates & Maintenance

Recent Books

Books by members of the University, which have recently been published, include:


On Thursday, Macmillan will be publishing Education and the Political Order: Changing Patterns of Class Control, by two Sussex authors: Dr. Ted Tapper, Lecturer in Politics, and Dr. Brian Salt, Research Fellow in Education. The paperback edition costs £4.50 and the cloth edition £10.00.

The first titles published by a new imprint, the Women's Press, in February, included an edition of Elizabeth Barrett Browning's Aurora Leigh and other Poems (paperback £2.95) with an introduction by Cora Kaplan of the School of English and American Studies.

The "Writers of Italy" series published by Edinburgh University Press includes Giacomo Leopardi. The Unheeded Voice (£4.00) by Dr. Giovanni Caramigna, Reader in Italian.

Another publication by a member of faculty is Dr. Margaret Boden's book Artificial Intelligence and Natural Man (Harvester Press, 1977, paperback £4.95). This is an Open University set text and a more coherent outline of the nature of work in artificial intelligence in a non-technical way. At the same time it confronts the philosophical, psychological and social implications of the subject.


Cambridge University Press has brought out Introduction to Group Characters (hardback £9.50, paperback £3.30) by Walter Ledermann, Professor of Mathematics.

Sussex University Bookshop

Available from

Sports Pavilion (e) Sports Superintendent Pavilion (2)

Cleaner (1) Park Village (Part-time)

Information given after each post relates to the grade at which the vacancy will be filled.

The code given before each post indicates the person to whom applications should be sent:

(a) Mrs. S. Soterovena, Arts & Social Studies Office, Arts D.

(b) Laboratory Superintendent, School of Biological Sciences

(c) Estates Manager, Refectory.

(d) Services Engineer, Estates Building.

(e) Mr. R. B. Kelley, Establishment Office, Sussex House.

(f) Laboratory Superintendent, School of Molecular Sciences.

(g) Laboratory Superintendent, School of Mathematical & Physical Sciences.

(h) Deputy Laboratory Superintendent, School of Biological Sciences

(i) Dr. C. Park, J.M.S.

(j) Building Surveyor, Estates Building.

(k) Laboratory Superintendent, School of Engineering & Applied Sciences.

(1) Accommodation Manager, Refectory.

(m) Secretary of Science (E)

(n) Miss F. Kingshaw, Library.

Wanted

Washington Exchange

Professor G. Best, Arts A117, would be glad to learn of anyone coming to Sussex from Washington D.C. next academic year with whom he might exchange his house.

House Required

House with three bedrooms and a back garden, for a visiting Canadian couple and three small children. Required from September 1, 1978 to the end of August 1979. Contact Graeme Cooper, MAPS, Int. Tel. 09-378.

Vicky Ch'ti'n Deall Cymraeg - Ac Yn Teipio?

The Impact and Take-up project based in Mantell needs the services paid of someone who understands the Welsh language and can type for occasional work preparing correspondence, questionnaires and other documents for surveys in schools in Wales.

If you can help, please contact Stephen Steadman or Jackie Arnott on 03-225/6 as soon as possible.
Gardner Arts Centre

I was rather surprised that my last article in The Bulletin provoked an immediate telephone call from one of our local newspapers who wished to know whether or not I was castigating the campus for not coming to the theatre.

Just to set the record straight I should perhaps explain that in my quaint inarticulate way I was only trying to guide the University element in our audience into looking below the surface of our Diary of Events and into perhaps taking the occasional risk with their theatre-going.

It was, as they say, a sprat to catch a mackerel. All I appear to have caught is a cold, so this time I’ll stick to more routine matters and tell you WHAT’S ON.

Firstly there are very interesting things happening in the Visual Arts department at the moment. Until the end of the month you will find no fewer than three exhibitions and each one, as they used to say about a page of chorus lines, is lovelier than the last.

In the main gallery the Arts Council touring exhibition of the work of Tom Phillips is called HUMUMENT. If you want to know what that means you will not be wasting your time if you come and find out. There is at least one piece of history in the exhibition in the form of the new National Theatre’s very first poster which Tom Phillips designed.

Next door is a really beautiful collection of paintings by Julia Ball. Full of colour and delicacy they look outstanding in our gallery which is always at its best when the natural (and sometimes sun-drenched) light comes pouring in through those great windows. This is one to see in the daylight if you can make it.

Thirdly, but by no means lastly, there are some really exquisite photographs by Martin Nichols on the stairs. Martin lost the use of his car (we’re not quite sure how or why, but he’s got it back now) for a year and consequently the bulk of these lovingly observed photographs are of the Sussex countryside in the vicinity of his farmhouse home in East Dean.

As we drive frantically on, late for work, we probably take for granted most of the rural scenes around us and Martin’s photographs are a useful reminder of what we tend to only take in on those sidethe-digestion walks on Sunday afternoons. The detail and the composition of the photos is outstandingly colourful and often very moving.

Yes, it is nearly Easter, and them, cuts them in half, and, when pressed, makes them completely disappear. Nevertheless I am assured he has a very happy home-life, from which one can only assume that life is very different in Finchley.

His guest artist this year is a sixteen-year-old call Russ Stevens who recently won the Magic Circle award as "Young Magician of the Year". Both Kovari and Russ are as equally at home with an adult audience as they are with children and they will be giving nine performances (2.30 p.m. daily, and 7.00 p.m. Monday, Friday and Saturday). The supporting company includes a great many lethally sharp blades and at least 2½ ladies.

Just in case you have left-over season ticket vouchers (and just in case you are wondering whether to buy some more) you might like to remember that next term’s programme will include the Pip Simmons Theatre Group, Dora Bryan in Bernard Shaw’s "Mrs Warren’s Profession", and the London Contemporary Dance Theatre. Full details are in the new Diary of Events which will be available from the box office in a day or two.

Nigel Stannard
Administrative Director

This is the final Bulletin of the Spring Term. The Information Office would like to thank all those who have contributed in any way to The Bulletin this term. Please continue to send us items of interest.

The next issue of The Bulletin will be published on Tuesday, April 18. Anyone with news items, contributions, information or anything they would like to see appear in The Bulletin should contact Jennifer Payne, Room 306, Sussex House (int. tel. 05-123). Copy for the next issue should reach the Information Office in Sussex House by noon on Wednesday, April 12.