UNIVERSITY OF SUSSEX

THE BULLETIN

Published by the Information Office Tuesday, March 11, 1980

MONKS HOUSE

Last year the University gave the National Trust the opportunity to buy Monk's House, Rodwell, the weekend home of Leonard and Virginia Woolf. The Trust's subsequent public appeal for funds to enable it to acquire the house was successful and the University has therefore been able to convey the property to the Trust, although the final legal arrangements have not yet been completed.

The University became the owner of Monk's House in the early 70's at which time it also acquired the Woolf papers now in the Library. Since then the house has been let to visiting Americans but once the Trust has made the necessary arrangements (which will not be for some time) the house will be open to a wider public.

Monk's House contains many furnishings and paintings which belonged to the Woolf's and many were decorated or painted by Roger Fry, Duncan Grant and other members of the Bloomsbury Group.

The house also contains several works by Virginia Woolf's sister, Vanessa Bell, whose son Professor Quentin Bell is Emeritus Professor of the History of Art at Sussex.

The National Trust intends to preserve Monk's House in memory of Virginia Woolf, of the Bloomsbury Group and as an example of the art and craft of that period.

Summer Graduation

This year’s Summer Graduation Ceremony will be held on Tuesday, July 22 (not July 15 as originally planned) and for the first time will be held in the Brighton Centre. Previous Summer Graduation Ceremonies have been held at the Dome, with both a morning and afternoon ceremony in order to accommodate numbers.

This time, there will be one ceremony, beginning at 10.30 a.m.

B.A. and B.Sc. degrees, and B.Ed. and B.A. degrees from West Sussex Institute of Higher Education and Brighton Polytechnic, will be awarded, together with In-Service B.Ed. and postgraduate degrees. Honorary degrees will also be awarded at the same ceremony.

EMERGENCIES

In the case of emergency, you can now dial 09-100 (or 79-100 from 105) on the internal telephone at any time and not just in office hours. Other emergency numbers are given inside the back cover of the internal telephone directory.

TERM DATES

The Summer Term begins on Monday, April 21, and ends on Thursday, June 19.

UNIVERSITY CLOSURES

The University will close over the Easter from Thursday, April 3 to Tuesday, April 8, inclusive.

THE BULLETIN

The Information Office would like to thank all those who have contributed news items, feature stories, illustrations, photographs and in any other way to The Bulletin during the Spring Term. Please continue to send us items of interest.

The Bulletin is published fortnightly during term-time by the Information Office for the information of members and employees of the University.

Signed articles reflect the views of the author and not the University.

Contributions to The Bulletin are welcomed. If you have any news items, feature articles, information or anything else you would like to see appear in The Bulletin, please contact Jennifer Payne or Janet Barrington, Room 104, Sussex House (int. tels. 05-123 or 05-254).

The next issue will be published on Tuesday, April 22 and copy for inclusion should reach the Information Office by noon on Tuesday, April 15.

Extracts from The Bulletin may not be published without the Information Officer's permission.
NON-ACADEMIC VACANCIES

The Establishment Office has issued the following list of non-academic posts within the University which are to be filled. Job descriptions for these will be sent to staff representatives for display on noticeboards. The list was compiled at March 12.

Finance Administrator (1) Union Office, Falmer House (4)
Assistant Accountant (c) Finance Office (Faculty)
Clerks (c) Admissions Office (1 post (1 or 2) and 1 post (3 or 4))
Clerk/Secretary (b) School of Mathematical & Physical Sciences (3)
Clerk (b) Accounts (2, part-time)
Secretary (a) School of English & American Studies (2 or 3) (Dean's Office)
(a) School of Education & Applied Sciences (2)
(v) School of Biological Sciences (1 post (3-5)
Library Assistant (f) School of Engineering & Applied Sciences (2 posts (5))
Electronics Technicians (f) School of Engineering & Applied Sciences (2 posts (5))
Teaching Laboratory Technicians (h) School of Mathematical & Physical Sciences (4)
Research Technicians (f) School of Biological Sciences (2B)
Supervisor (f) School of Biological Sciences (4 posts (4), 2 posts (3) and 1 post (5))
Cleaners (i) Refectory
Tea Person/Cleaner (j) School of Molecular Sciences (2 posts, grade A, part-time)
(f) School of Biological Sciences (1 post, grade A, part-time)
(f) School of Biological Sciences (1 post, grade A, part-time)
Dishwasher (m) Refectory (1 post, part-time)
Bartender in Charge (m) Refectory

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

The fee is £15.00 resident, £10.50 non-resident.

Details of both these weekend schools are available from the Centre in EOB.

Also, tonight at 6.30, there will be a Professorial Inaugural Lecture entitled "WHICH CHEMICALS CAUSE CANCER?" by Robin Cole, Professor of Genetics, University of Sussex.

The lecture will be held in the Molecular Sciences Lecture Theatre, and is open to the public.

ESSAY COMPETITION

The European Civil Aviation Conference (ECAC) is holding an essay competition on the occasion of its 25th anniversary.

The competition is open to students (in their third or later year of study) of all disciplines in universities, colleges and academic institutions of university level in all twenty two States members of ECAC.

The theme is as follows:

"What has been the contribution of civil aviation to the development of Europe over the last 50 years, and what is your evaluation of it?"

What, in your opinion, are the arguments for and against developing an air transport system in Europe, regardless of national frontiers, similar to the domestic network of a single country?

What would be the main differences between such a system and the present one?"

PRIZES

The first prize will be 8,000 French Francs (approx. US $2,000) and the second prize 4,000 French Francs (approx. US $1,000). The closing date for receipt of entries is July 1, 1980. Full details of the competition can be obtained from the Registrar and Secretary's Secretary, Room 309, Sussex House.

PERSONAL OPINIONS

Members of faculty are of course free to express their personal opinions on any matter but they are reminded that if those opinions are expressed publicly they should make it clear that the views held are their own and not those of the University.

Although there is no specific categorisation, the Code of Practice (Document (1)) is attached to conditions of service and states:

"A member of faculty is free to express political, religious, social and professional views both privately and in public, provided that this is done explicitly in his own name and not in that of the University."
LATEST RESEARCH GRANTS

Research grants totalling £203,302 have been awarded to the University since December, 1979:

ASTRONOMY
£1,339 from the Science Research Council for Observations at Kitt Peak NS/17/79/4 Spectroscopic observations of M3, under the direction of Professor R.J. Taylor.

BIOLOGY
Animal Behaviour
£25,000 (2 years) from The Nuffield Foundation for research into the mechanisms of vision in toads and mud-skippers, under the direction of Dr. T.S. Collett.

CHEMISTRY
£20,292 (2 years) from the Medical Research Council for research on the relationships between asbestosis and emphysema and molecular varieties of Alpha-2-macroglobulin and Alpha-1-antitrypsin, under the direction of Dr. R.M. Toppling.

Human physiological functions require the co-existence of a multitude of powerful agents which not infrequently appear mutually incompatible. Agents for the agglutination of blood clots and other agents which facilitate the dissolution of blood clots.

The repair and re-modelling of tissue proteins requires factors capable of degrading collagen (for example) in addition to those which promote collagen synthesis.

Conflict is avoided by preserving these agents as inactive precursors (large proteins) which may be activated when the time and place are appropriate by other proteins such as the proteolytic enzymes. The control of these acute release of enzymes, each specifically activating a further element in the 'cascade', governs not only coagulation, fibrinolysis and the mobilisation of tissue proteins, but also immune-defense, the liberation of peptide hormones, the clearance of food proteins, fertilisation, defence against infection and others. It is no surprise that loss of control of these processes may have severe pathological consequences.

An important part of this control is provided by another group of blood proteins which inhibit proteolysis. Among these, probably the most important and certainly the most versatile inhibitor is the anticoagulant, alpha-2-macroglobulin, which possesses a high degree of structural sophistication even before man and rabbit had diverged along the evolutionary tree.

Because of the central role of this molecule in the regulation of so many processes, many laboratories around the world have sought correlations between its blood level and disease.

Using methods proved successful with more roles of RNA in relation to the examination of hundreds of thousands of human sera resulted in no such correlations being found.

New light has now been thrown on the problem following the elucidation of the principles of the kinetics of partition of enzymes between the proteins of human blood, a close collaboration venture between Dr. A.B. Creman (Mathematics), Dr. B.G. Rigden and the Cardiothoracic Unit, London (Pulmonary diseases), Dr. D. Shirley Hurrell (Cambridge), Dr. B. Latham (Rheumatoid Arthritis), Professor G. Riley (Instrumentation), (Royal Sussex County Hospital) and Dr. Toppling (Research in Science) (David Green, Phil Oldfield, Ron Rattenbury, Sepatel Setlman and Sue Whiting).

The technique has revealed that human alpha-2-macroglobulin exerts in at least seven clearly distinguishable forms, each with different control capabilities, which most interestingly appear to relate to the clinical condition of the blood donor.

The grant has been awarded for work on fibrinolysis lung diseases, with particular reference to patients with asbestosis and controls matched for asbestosis exposure but without clinically verifiable asbestosis.

Other patients with widespread pulmonary fibrosis (e.g. chronic sarcoidosis, extrinsic allergic asbestosis, cryptogenic fibrosing asbestosis) from causes other than asbestosis exposure will also be considered.

It is hoping that such an approach may help in the prognosis, diagnosis and monitoring of such diseases.

ELECTRICAL ENGINEERING
£15,750 (3 years) from S.R.C. as contributions towards the costs of running Computer Prime 550, under the direction of Professor B.V. Jayaward, Dr. M.D. Baker and Dr. D.J. Woolons.

The Engineering Board of the Science Research Council in 1977 decided that it would establish a network of linked computer centres for education and research in the universities and polytechnics, to be used interactively.

It was proposed that this network should be provided from the IBM 3081/100 machines located at the Rutherford Laboratories and that a dozen or so other Mid Range Machines ("MIDs") should be linked at various universities. The restriction of usage to engineers was later relaxed to include workers in other fields of science, such as artificial intelligence, chemistry, physics etc.

Since it appeared that the University had several large Solvay Research Grants held on computer requiring interactive computing, Professor Jayaward and Dr. Woolons believed that we had a substantial case for the installation of a "MID", and it was decided that the School of Engineering, together with Brightton Polytechnic, could probably make a successful bid.

Accordingly, application for a "MID" was lodged in February, 1979, and this resulted in the award of a Prime 680 computer for the University of Sussex.

Delivered in November, 1979, the machine and its peripherals are worth about £60,000. It has 32 K bytes of user memory with another 2 x 80 M bytes of memory on discs. Various peripherals include line printers, graphics terminals, and 3 pen graph plotter. The installation as a whole will be managed by a management committee, with Dr. Keith Baker as Chairman.

Prime computers are currently amongst the leaders in scientific computing and this machine, therefore, represents a significant enhancement to the computing power available to University research workers. When all the lines are installed, the Prime 680 will have about 16 terminals and it is intended that it will be operational on a 24 hour basis.

ELECTRONICS
£55,257 (2 years) from the Ministry of Defence for research into Colour Map Display, under the direction of Professor R. Grimsdale.

MATERIALS SCIENCE
£5,242 from S.R.C. for research into Rapidly quenched Martensitic Shape Memory Alloys, under the direction of Professor R.W. Cahn and Dr. B. Cantor.

£60,050 (2 years) from S.R.C. for research into Microdiffraction and Microanalysis studies of Splat-quenched alloys, under the direction of Professor R.W. Cahn, Dr. M. Scott and Dr. B. Cantor.

MECHANICAL ENGINEERING
£6,480 from the Ministry of Defence for an investigation of characteristics of a highly rated steam boiler, under the direction of Professor F.J. Bayley.

SCIENCE POLICY RESEARCH UNIT
£8,912 from S.R.C. for research into a study entitled "Towards national priorities for conservation in materials processing industries" under the direction of Professor C. Freeman and Professor R.K. Cahn.

SOCIAL PSYCHOLOGY
£3,000 from The Nuffield Foundation for a study into Long-term Empirical and Unemployment, under the direction of Professor M. Jahoda.
IN BRIEF

OVERSEAS RESEARCH STUDENTS: FEE SUPPORT SCHEME 1980

After announcing its intention of increasing fees for new overseas students from 1980-81, H.M. Government allocated a fund of £1 million for that year to provide some financial support for a small number of new overseas postgraduate research students.

Awards made under the scheme, which is being administered by the Committee of Vice-Chancellors and Principals, will be based on the criteria of "outstanding merit and research potential; other factors, such as means, nationality, proposed field and institution of study, will not be taken into account".

The awards will cover the difference between home student fees and the overseas student fees charged at the particular university concerned. Further details are available from the Arts & Social Studies, Education and Science Area Offices.

PROF. MAYNARD SMITH TO GIVE BERNAL LECTURE

Professor John Maynard Smith, FRS, Professor of Biology, is to give the Bernal Lecture at the Royal Society on April 24, under the title "Science, ideology and myth".

The Bernal Lecture fund was founded in 1969 by an endowment by Professor J.D. Bernal, FRS, for the purpose of establishing a lectureship on some aspect of the social function of science. The lecture is given every three years.

Professor Maynard Smith's lecture will begin at 4.30 p.m. Those who wish to attend are asked to inform the Executive Secretary of the Royal Society.

HONORARY DEGREE FOR V-C

The Vice-Chancellor is to receive an honorary degree of Doctor of Philosophy from the University of Uppsala. The degree will be conferred on Sir Denys on June 6.

KIDS KARNIVAL

Advance notice - this summer's Kids Karnival will be on Saturday, June 7.

ROYAL NAVAL RESERVE

The Royal Naval Reserve have announced a new entry scheme for male under-graduate students as Seamen Officers.

Eighteen to 22 year old students in the first year of a three-year degree course or in the first or second year of a four-year course, may apply for entry as probationary midshipmen.

Normal RNR rates will be paid; further details of the scheme are available from HMS Sussex, Maxwell Wharf, Hove, or from Roger Bailey, Estates.

PLEASE KEEP OFF THE GRASS

The grass in the University Park is doing its best to grow again, but will make a better job of it if left alone. So please remember, KEEP OFF THE GRASS.

SOUTH EAST FORUM/SCIENCE & TECHNOLOGY

"Your Office of the Future"

Thursday, March 13: Trades Union Case Studies.
Thursday, March 20: The Office of the Future: Pye Business Communications Ltd.
All at 8 p.m. Brighton Polytechnic, Grand Parade. Admission free.

TO LET

Two self-contained flats and one bedsit/bedroom room will shortly be available for letting to members of faculty at Swanborough Manor, Swanborough, nr. Lewes.

Further details can be obtained from Miss J.W. Peskett, Assistant Accommodation Manager, Refectory Building (int. tel. 08-175).

MICRO-COMPUTER TEACH-IN

A 'Micro-computer Teach-in' will be held in the Science Resource Area, Room 309, Education Development Building, on Thursday, March 20 from 2 to 7 p.m.

There will be demonstrations of:
* A.P.P.I.E. by a member of MAPS faculty.
* Various educational instruments using micro-computing techniques by Messrs. Griffin & George.

A special demonstration of the Z80 Nanocomputer will be given 4 p.m. for the particular benefit of PGCE Science and Maths students and teachers/tutors.

TRADE UNION NEWS

Tomorrow (Wednesday, March 12), the Planning Committee has to consider the future of the nursery and creche facilities on campus. This issue has arisen because of a University Grants Committee directive to all universities, stating that after August 1, no U.G.C. funds should be used to finance the running of creches.

This is a serious threat. Such facilities are not a luxury. For those who make use of them, they are very often a necessity. Sussex prides itself on admitting a large number of mature students, many of whom would be unable to come here if such facilities didn't exist.

But nurseries should not only be available for students. Campus workers need them too. The U.G.C. letter attacks this idea though, saying that provision should only be made for student needs. So it seems that with the cuts, overall staff working conditions are one of the first things that can be sacrificed. The Students' Union as well as the Trade Unions are opposed to this attitude.

It is important to recognize that the U.G.C.'s directive is one of many recent attacks on the gains women have made in achieving greater control over their own lives.

Throughout the country, nurseries and other social services are being cut and this is forcing many women against their will back into the home. By doing this, because many women do not register as unemployed, the government can reduce employment without the political embarrassment of increasing the already appallingly high unemployment figures. We should unite to oppose these attacks wherever they occur.

For these reasons, as well as to protect the jobs of workers in the areas concerned, the nursery and creche must be supported.

The Children's Facilities and Community Services Committees have already recommended that it is necessary that these facilities are maintained and that the University continues its present policy of providing half of the costs. They propose that the University should use its non-U.G.C. income to achieve this. It is vital that Planning Committee accepts this recommendation.

Dave Lawson
Nalgo and TULC

Faculty, technicians and students (especially those considering teaching as a career) are warmly invited to attend during the afternoon. Further information from Norman Baldwin, int. tel. 03-142.
WORM'S EYE VIEW

The good-humoured dignity of this, our last contribution of the term to WORM'S EYE VIEW, should not blind us to the gravity of the position which the writer is describing. The points raised by Mike Jones are reiterated in three other letters which I received this week.

Would you send contributions on this and other matters for next term's WORM'S EYE VIEW, during the coming vacation, to my room (Arts B 860)?

William Lamont

GOVERNMENT WARNING ON RESEARCH POSTS?

I would like to propose that all future posts funded from research grants should carry a Government Career Warning. It should read something like this:

"Grant-aided research posts have a detrimental effect on your future career prospects. A single, short-term post may be relatively harmless, but subsequent applications will lead to chronic job dependency, addiction and invariable withdrawal symptoms."

Take my own case as an example. For ten years I was an innocent lecturer at one of the other new universities. Nine years ago, feeling stale and in need of spiritual renewal, I succumbed to the lure of grant-aided research. In this case, it was a long-term 'dose', a ten-year (not tenured!) grant from the Medical Research Council. Now, with one year to go, I find that my age (45) makes me unacceptable for future grants, regardless of other considerations.

The present squeeze means that I face a very difficult job market. As an employee of the University, but dependent on a research council grant, I seem to have signed away my normal rights to such things as redundancy pay.

My case is not unique. In this University alone, there are a substantial number of long-term research faculty who are similarly placed. For myself, I am still glad that I took the gamble and came to Sussex, even if I do finish up on the dole.

People must be able to move around, gaining different experience; the alternative stagnation will be harmful for everyone. In the present circumstances, however, I can only warn others of the dangers of following my example.

Mike Jones
Senior Research Fellow
MRC Mosquito Behaviour Programme
School of Biological Sciences

WINE

Little was known in this country prior to the 1914-18 war about the wines of Alsace. While under German rule, all the area's wines seem to have been sent to and drunk in Germany.

The Alsace produces a varied range of wines using, unlike most other areas, several different kinds of grapes. Each of the Alsace wines has a different charm and character but there are perhaps four grapes the wines from which are best liked by the British: Sylvaner, Traminer, Riesling and Gewurztraminer.

Sylvaner wine is a greenish yellow, with a fresh clean taste. It makes a lovely aperitif and a good accompaniment to fish but its problem is that it develops quickly and has only a short life.

Riesling is a firm, crisp and very fresh wine, golden in colour with a fine bouquet. Traminer is somewhat softer with a fuller flavour and the wine develops rather more quickly than Riesling. Traminer has always battled with its rival, Gewurztraminer, and in recent years has largely been replaced by it.

Gewurztraminer is a wine rich in fruitiness and has a wonderful aroma. It develops slowly and can produce a wine which, although with a character all its own, is as good as Sauterne.

The life of an Alsatian vintner has not been an easy one. For example, the position of Alsace as a buffer state which "changed hands" fairly frequently may be a reason for its wines being known by the name of the grape rather than by the place of origin.

However, more wine has been exported from Alsace in recent years with an increasing amount being exported to Britain in the cask. This has reduced the cost comparatively of some wines but in my opinion the finest Alsatian wines are the ones still bottled in Alsace and thus the more expensive ones.

Alsation wine-making begins during the last week of September or the first week of October with the most common grapes being gathered first. Riesling grapes are always the last to ripen.

Sylvaner and the lesser Traminer wines ferment quickly and should therefore be drunk young. Slow fermentation, which generally speaking is better for preserving the bouquet and character of wine, is used for Riesling and Gewurztraminer.

If you are serving Alsatian wine, it is better to err on the cold side rather than allowing it to be too warm. If it is not cold to begin with, a warm room, warm glasses and the passage of time before the glasses are emptied will cause the wine to lose a lot of its flavour and attraction.

Alsace is also known for its liqueurs: Kirsch (from cherries), Framboise (from raspberries) and Quetch (from plums) are all made in Alsace and with the wines of the region make a visit to the taverns of Alsace well worth it.

John Smith
University Butler

RECENT BOOKS

Some recent and forthcoming Sussex books:

THE AGE OF IMPROVEMENT, 1783-1867 by Asa Briggs is the first paperback edition of a book first published in 1959. Minor corrections have been made and the bibliographical note updated. Longman. £4.95.

THE CEMENT GARDEN by Ian McEwan, the first novel by the former Sussex student, is published in paperback in the Pan Picador series. £1.25.

MODEL BUILDINGS FOR DECISION ANALYSIS by Professor B.H.P. Rivett follows on from "Principles of Model Building" (1972). Wiley. £7.50.

SHAKESPEARE'S TRAGEDIES, edited by Alan Sinfield, is an addition to the Sussex Books series of discussions of literary topics, the critics including Professor A.D. Nuttall. There is a general introduction and separate editorial introductions for each chapter. Paperback. £3.50.


Prices of forthcoming publications are only approximate.

AVAILABLE FROM:

SUSSEX UNIVERSITY BOOKSHOP
This term's S.U.D.S. (Sussex University Drama Society) season features two contrasting plays, the first of which, Wilde's THE IMPORTANCE OF BEING EARNEST, opens this Thursday (13) for four performances. So far this year, the student productions have been of a very high standard and it will be interesting to see what they make of THE THREEPENNY OPERA by Bertholt Brecht and Kurt Weill. This is the second of this term's presentations and opens on Monday of next week (17) for only three performances.

There will be more student/faculty activity in theatre during the last week of term, when the French Society stage their annual production. This year, their choice of play has been adventurous for they will be presenting an Ionesco/Beckett double bill of "La Cantatrice Chauve" (alias "The Bald Prima Donna") and "Oh Les Beaux Jours" which somehow sounds far more exciting than its English title - "Happy Days". These two productions are playing for three days, starting on Thursday, March 20.

On the professional front, we are importing two companies to keep the kids happy over Easter: TONI ARTHUR'S MUSIC BOX (March 31-April 5) and BARRY SMITH'S THEATRE OF PUPPETS (April 7-9). Both will be playing early evening performances as well as matinees, and full details are available in the foyer or from the box office.

There is student activity on the musical scene as well, although the Choir and Orchestra "defect" to St. Peter's Church this term. Richard Bernas will be conducting a Weber overture and Cherubini's Requiem, as well as Agenda by Bernard Rands on Thursday, March 13. Tickets for this are available from our own box office, or on the door at the Church.

Tonight (11) the University of Sussex Chamber Orchestra are in the theatre playing a programme of Handel, Beethoven, Mahler and Corelli.

For jazz fans, there is a very special concert on Sunday March 16 (7.30 p.m.), when the STAN TRACEY QUARTET return, including in their programme a new work specially commissioned for this tour by the South East Arts Association. Booking is already well advanced for this event.

LUNCHTIME CONCERTS

There are two lunch-time concerts, additional to those detailed in our current diary, on Tuesday, March 11, and Wednesday, March 19.

The first is a programme of pieces composed and performed by students Bryan Anderson, John Alexander, Dudley Hyams, Christine Morgan, Darius Halpern and Georgina Bentson; the second programme (19) is a piano recital by ex-Sussex student, Bea Veselilova, featuring Chopin Nocturnes and a Beethoven Sonata. Both concerts start at 1.15 p.m. and admission is FREE!

Don't forget the two Lunchtime concerts on Friday, March 14:

MEETING HOUSE

University Chamber Choir, Conductor John Birch, with Kenneth Sweetman on the organ, will be playing Lobet den Herrn by Bach and Elgar's 48th Psalm. 1.16 p.m. Admission Free.

GROUP MUSIC PRACTICE ROOM - GARDNER CENTRE

Sussex Trugs play trad/mainstream jazz. 12.30-2.00.

Nigel Stannard
Administrative Director