Summer Graduation

This year's Summer Graduation Ceremonies will take place on Tuesday, July 17 at the Dome, Brighton. There will again be two ceremonies, one at 10.30 a.m. and another at 2.30 p.m.

Further details of the arrangements for the Ceremonies will be given in future editions of The Bulletin.

If you have any queries at this stage you should contact Mr. C.R. Dudley (Administrative Assistant Planning) in Sussex House (Int. tel. 05-165).

PEOPLE

NEW CHAIRMAN FOR CVCVP

Sir Alec Morrison, Vice-Chancellor of the University of Bristol, has been elected Chairman of the Committee of Vice-Chancellors and Principals of the United Kingdom for the academic year 1979-80.

He takes up the chairmanship in July, when he succeeds Lord Boyle of Handsworth.

Sir Alec is chairman of the Royal Commission on the National Health Service and chairman-elect of the Advisory Board for the Research Councils.

Within the Vice-Chancellors' Committee he has been chairman of its standing committee on university finance and development, and a member of the general purposes committee.

NEW BAPTIST CHAPLAIN

The Revd. Alan Pringle has been appointed as Associate Baptist Chaplain to the University.

He will normally be available in the Meeting House, Room 9, on Tuesdays between 11 a.m. and 2 p.m.

RUBBISH

Industrial action by Brighton Corporation dustmen is now affecting the University.
Waste is not being collected and the University must therefore take precautions with regard to the storage of waste and with particular reference to potential health hazards, fire risks and other safety aspects.

The arrangements in operation are as follows:
1. All waste normally collected by the Corporation will be sealed in plastic bags.
2. Wherever possible waste which will decompose quickly, e.g. food, will be separated from other forms of waste.
3. Waste will be stacked near the building from which it emanated, sufficiently distant to reduce the fire risk and health hazard but near the normal waste collection point wherever possible.
4. The situation will be monitored throughout the dispute.

APPLICATIONS UP AGAIN

Almost all the applications for undergraduate places at U.K. universities for October 1979 have now been made.

For the fourth year running, applications to Sussex have increased overall, as has the number nationally.

We asked the Admissions Office for some figures. Laurence Swae (Assistant Admissions Officer) writes:

By February 1, the Universities Central Council on Admissions (UCCA) had received 157,000 applications, an increase of 6.1 per cent over the comparable figure for last year. It is anticipated that a further 10,000 applications will be received by the closing date.

A significant trend over the last decade has been the proportionate increase in applications from women. Applications from men have increased this year by 4.1 per cent but the number of women applying has risen by 12 per cent. In fact, women (continued on page 2)

BLOOD DONORS

The Blood Donor Unit will be on campus for two days at the end of February so that people here may have a chance to donate blood.

If you would like to help keep up the University's good record with the Transfusion Service, come along to one of the following sessions to be held at the Meeting House:

Tuesday, February 27
10.00 a.m. - 12 noon
2.00 p.m. - 4.15 p.m.

Wednesday, February 28
9.00 a.m. - 12 noon
2.00 p.m. - 4.15 p.m.

THE BULLETIN

The Bulletin is published fortnightly during term-time by the Information Office for the information of members and employees of 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 Alison Parsons in the Information Office, Room 330, Sussex House; internal telephone 05-123.

The next issue will be published on Tuesday, February 27, and copy for inclusion should reach the Information Office by noon on Tuesday, February 20.

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 all the posts listed are displayed on noticeboards. The list was compiled at February 6.

Secretaries

- (a) School of Social Sciences (1 or 2)
- (b) School of English and American Studies (1 or 2)
- (c) School of Education (1 or 2 temporary & part-time)
- (d) School of European Studies (1 post 1 or 2, 1 post 1)
- (e) School of Engineering and Applied Sciences (2)
- (f) School of Mathematical and Physical Sciences (1 post 1, 1 post 2)
- (g) Estates and Maintenance (2)
- (h) Secretary's Office (1 or 2, full or part-year)
- (i) Science Policy Research Unit (2 posts, 1 or 2)
- (j) Sussex European Research Centre (1, temporary & part-time)
- (k) Institute of Manpower Studies (3)
- (l) School of Mathematical and Physical Sciences (1/2)
- (m) School of Mathematical and Physical Sciences (3)
- (n) Student Records (2)
- (o) School of Mathematical and Physical Sciences (3)
- (p) Arts Area Research Support Unit (1 or 2)
- (q) Finance Office (2 posts, 3 or 4)
- (r) School of Molecular Sciences (5)
- (s) School of Engineering and Applied Sciences (2 posts, 5)
- (t) School of Biological Sciences (3 posts, 18, part-time, 2B & 3)
- (u) School of Mathematical and Physical Sciences (5)
- (v) University Library (part-time)
- (w) University Library (1 or 2)
- (x) University Health Centre
- (y) Refectory (part-time)
- (z) Refectory
- (aa) School of Biological Sciences
- (bb) School of Molecular Sciences (temporary & part-time)
- (cc) Kulukundis House (part-time)
- (dd) School of Engineering and Applied Sciences (full or part-time)
- (ee) Lancaster House (part-time)
- (ff) Arts and Social Studies (part-time)
- (gg) Refectory (part-time)
- (hh) Isle of Thorns

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) Miss C. Pratt, Office of Arts and Social Studies, Arts D.
- (b) Mr. M.D. Carr, Science Office, Sussex House.
- (c) Mr. C.R. Kelley, Establishment Office, Sussex House.
- (d) Mr. P.J. Gilliver, Laboratory Superintendent, School of Molecular Sciences.
- (e) Laboratory Superintendent, School of Engineering and Applied Sciences.
- (f) Mr. E. Godfrey, Deputy Laboratory Superintendent, School of Biological Sciences.
- (g) Mr. J. Burns, Laboratory Superintendent, School of Biological Sciences.
- (h) Catering Manager, Refectory.
- (i) Laboratory Superintendent, School of Mathematical and Physical Sciences.
- (j) Miss P. Ringham, University Library.
- (k) Mrs. C. Reid, IMS.
- (l) Domestic Bursar, Lancaster House.
- (m) Business Manager, Refectory.

Now form 37.5 per cent of applicants.

The number of applications from "home" students has also increased by 5.8 per cent, although the size of the 18 year old age group has only increased by 2.5 per cent.

The national admissions situation should be examined in two ways. Firstly changes in the shape of the national applications pool should be considered in relation to the proportion applying for each subject, irrespective of the general increase. Secondly we have to examine the actual increases, or, in some cases, decreases in the numbers applying for each subject.

Within the national pool of applications there has been a slight shift towards Science and Engineering subjects at the expense of the Arts and Social Sciences.

Applications to Sussex reflect that situation and the Science Area is benefitting, particularly as the courses offered here are those proving most popular nationally. Science and Engineering courses at Sussex have increased their share of the pool by 1.03 per cent, whereas Arts and Social Studies courses have suffered a decline in their share of 0.33 per cent.

At a national level some subjects in particular have increased in popularity. The most marked increases are in Computing (up 48.8 per cent), Electrical Engineering (up 19.2 per cent), Mathematical Physics (up 16.7 per cent), Mechanical Engineering (up 10.2 per cent) and Chemistry (up 10 per cent).

Sussex applications are in general terms following the national trend, although there are some apparent anomalies. Computing applications are up 11.2 per cent, Physics up 24.2 per cent, Biology up 29.2 per cent, but Mathematical Physics has gone down by 4.5 per cent.

Science and Engineering applications to Sussex have gone up overall by 8.2 per cent including a rise of 17.6 per cent for the School of Molecular Sciences.

National applications for Arts and Social Sciences are broadly the same last year except for Psychology (up 17.6 per cent), Social Anthropology (up 20.1 per cent), English (up 11 per cent) and German (up 14.7 per cent).

The Sussex situation in Arts

(continued on page 3)
and Social studies again reflects the national pattern although we are receiving a larger proportion of applications than the national figures would show for Social Psychology, Social Anthropology, Classics, Philosophy and Music.

A lower proportion than the national pattern is being received for Sociology and German.

The Arts and Social Studies Area has an overall increase in applications of 9.2 per cent but whereas in many Science/Engineering courses an increase in applications results in more students, in Arts the same is not necessarily the case because the largest increases in the number of applications are in subjects already oversubscribed.

It is estimated that the final number of applications to Sussex will be approximately 12,900 (8,100, Arts and Social Studies; 4,800, Science). That number would be the second highest total in the University's history and is an increase of 58 per cent (compared with a national increase of 27 per cent over the same period) since the all-time low of 8,114 applications for 1975 entry, which resulted in a major review of the University's admissions policy, procedures and schools liaison work.

EXHIBITION

KIPLING IN SUSSEX

AN EXHIBITION OF KIPLING PAPERS FROM THE WIMPOLE HALL ARCHIVE NOW IN THE UNIVERSITY OF SUSSEX LIBRARY

Until February 26, 1979.
Weekdays 10 a.m. - 7.30 p.m.
Saturday/Sunday 2 - 6.00 p.m.
Admission free.

HOLIDAY FLATS

The University of Sussex is to continue its holiday flat lettings scheme this coming summer, and will again be offering flats on the East Slope as well as some in Brighton and Hove.

The flats on campus accommodate from six to eight people on a self-catering basis. Those in Brighton and Hove are suitable for up to four people.

All the flats are fully equipped, but visitors will be expected to bring their own linen and towels.

Lettings run from 4 p.m. on Saturday to the following Saturday at 9.30 a.m. Prices for 1979 include electricity, gas and VAT at 8 per cent, as well as the use of sports facilities.

Further details are available from Holiday Lettings at the Conference Office in the Refectory Building. The Office also holds a list of other universities which run similar schemes.

Prices, per week, for 1979, are:

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<th>Type of Flat</th>
<th>ON CAMPUS</th>
<th>OFF CAMPUS</th>
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<tr>
<td>7 and 8 person flat</td>
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<td>£65.40</td>
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<table>
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<tr>
<th>Period</th>
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<th>September 1 -</th>
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<td>September 22</td>
<td>September 15</td>
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<tr>
<td></td>
<td>£86.40</td>
<td>£97.20</td>
</tr>
<tr>
<td></td>
<td>£97.20</td>
<td>£106.92</td>
</tr>
</tbody>
</table>
LATEST RESEARCH GRANTS

The following research grants have been awarded to the University in the past two months.

ASTRONOMY
£1,070 from the Science Research Council for observations at Kitt Peak No/31/78/4. Optical identification of high latitude Ariel V and HEO-A x-ray sources, under the direction of Professor R.J.Taylor.
£1,135 from the SRC for observations at AAT A/79/1/26. Infrared study of active galaxies, under the direction of Professor R.J.Taylor.
£2,730 from the SRC for observations at AAT A/79/1/23. Velocity fields in radio elliptical galaxies, under the direction of Professor R.J.Taylor.

BIOCHEMISTRY
£27,418 (3 years) from the Wellcome Trust for studies on hormone receptors and cell fusion, under the direction of Dr. B.Schulster.

BIOLGY
Centre for Research on Perception & Cognition. £6,510 (2 years) from the SRC for research into the mechanism of the membrane ATPase reaction catalysing NA and K ion transport, under the direction of Dr. K.P.Wheeler.

Animal Behaviour. £20,960 from the SRC for research on androgen induced stability of memory traces and the control of attention, under the direction of Professor J.P.W. Young and Professor J. Maynard Smith.

CHEMISTRY
£18,521 (3 years) from the SRC for research into the biosynthesis of the Steroidal Antiinflammatory Drug Somatotheptin, under the direction of Dr. J.R.Hanson.
£24,018 (3 years) from the SRC for studies in bioluminescence and chemiluminescence, under the direction of Dr. P.McCopa.
£34,600 (3 years) from the SRC for synthesis, structural and mechanistic studies in organometallic and inorganic chemistry, under the direction of Professor M.F.Lappert.
£11,250 (2 years) from the SRC for research on the chemical reactivity and co-ordinating ability of phospho-alkenes and phospho-alkynes (and arsenic analogues), under the direction of Dr. J.F.Nixon and Dr. H.W.Kroto.
£8,943 (18 months) from the SRC for research on aspects of the control of Glibenclamide Bioavailability, under the direction of Dr. J.R.B.Hanson.
£19,350 (3 years) from the SRC for research into the potential energy surfaces and molecular dynamics of Polyatomic Molecules, under the direction of Professor J.H.Murrell.

COMPUTER SCIENCE
£66,943 (3 years) from the SRC for research on interactive software tools for distributed computing systems with an application to picture interpretation, under the direction of Dr. J.R.W.Hunter, Dr. A.Blom, Dr. K.D. Baker, Mr. R.Witty and Mr. J.Brown.

ENGINEERING AND APPLIED SCIENCES
£15,000 (18 months) from the SRC for research into diffusion in metal glasses, under the direction of Dr. B.Cantor.

GENETICS
£8,693 from the SRC to support a Senior Visiting Fellowship, to work with Dr. B.Charlesworth.

OPERATIONAL RESEARCH
£9,700 (2 years) from the SRC for research on Stochastic continuous Hypergame Models and their application.

MECHANICAL ENGINEERING
£50,000 (3 years) from Ruston Gas Turbines Ltd., for research on space disc flows, under the direction of Professor F.J.Bayley.

NEUROBIOLOGY
£16,972 (3 years) from the SRC for research into Visual Mechanisms in Anthropods, under the direction of Dr. M.F.Land.

PHYSICS
£7,000 (1 year) from the SRC for research on Nuclear Orientation and Correlation Measurements, under the direction of Dr.W.D.Hamilton.
£6,575 from the SRC for research on the explosive production of plasma in the ionosphere, under the direction of Dr. G.E.G.Martelli.
£10,768 from the United Kingdom Atomic Energy Authority for studies on captive cross-sections of Medium Weight Nuclei, under the direction of Dr. W.D.Hamilton.
£23,026 (3 years) from the Science Research Council for De Haas-van Alphen Studies in nearly Ferromagnetic Metals under the direction of Dr.K.Sprigd.
£48,316 (3 years) from the SRC for research on Splattered Optical Interference Films, under the direction of Professor M.W.Thompson and Professor L.Holland.

SCIENCE POLICY
£1,500 from the United Nations University, Tokyo, for a research project in the field of Goals, Processes and Indicators of Development, to be undertaken at the Science Policy Research Unit.

TOTAL: £427,859

Centre for Continuing Education

SPECIAL LECTURES

THE RT. HON. LORD JUSTICE SCARMAN is to speak on 'Social and Economic Rights - can they be protected at Law?' on Tuesday, February 20, at 6:30 p.m. in A2 Lecture Theatre, Arts Building.

This lecture is arranged by the Centre for Continuing Education in collaboration with the Sussex Law Society.

A particularly heavy snow fall last month prevented the American Ambassador to Britain, KINGMAN BREWSTER, from reaching Sussex to deliver his Special Lecture entitled 'Can Society be kept voluntary?'

A new date has now been arranged of Monday, March 5, at 5.30 p.m. in the Molecular Sciences Lecture Theatre.

Both the above lectures are open to the public and admission is free.

NUPE

The Information Office has received a number of enquiries about the National Union of Public Employees picket of the University on January 22 which did not end at 10.00 a.m. as publicised in the notice circulated to all staff on the preceding Friday.

The Acting Information Officer wishes to make it clear that the information given in the circular notice was the best available at the time of issue but which proved on January 22 to be inaccurate. Indeed it became clear that the NUPE branch had not resolved to end the picket at 10.00 a.m.

Any confusion caused by the notice is regretted.
IN BRIEF

SPANISH GOLDEN AGE LITERATURE
A course in Spanish Golden Age literature is to be arranged by the Revd. Colin Thompson, University Chaplain, for next term, mostly with exchange students in mind. Anyone interested should contact him in the Meeting House.

The course will deal with major prose, poetry and drama texts, in the original, e.g. Garcilaso, Pray Luis, San Juan, Góngora, Quevedo, Cervantes, Tirso, Calderón.

BRITISH FESTIVAL
A military tattoo, chamber music of the Hanoverian era, a day of top-class jazz, three of London’s leading symphony orchestras, the National Theatre, a free Families Day, and a new rock-to-classical music group are some of the events in this year's Brighton Festival, which runs from May 5 to 19.

The Festival programme was published last week and is available from Marlborough House, 54 Old Steine, Brighton, telephone Brighton 29801.

Postal bookings begin at the Dome Box Office on Monday, March 5.

EEC STUDY GRANTS
The EEC Commission is to continue its two grant schemes in 1979-80.

The first scheme aims to promote co-operation in the field of higher education by enabling teaching and administrative staff to make short study visits to other EEC states. The second scheme provides grants for the development of joint programmes of study between institutions of higher education in different member countries.

Further particulars of both schemes are available from the Personal Assistant to the Vice-Chancellor, Sussex House, and any applications for grants should be submitted to her no later than May 18.

EVOLUTION-CREATION DEBATE
Professor John Maynard Smith, FRS, Professor of Biology, is to take part in a debate with Dr. Duane Gish, Associate Director of the California-based Institute for Creation Research, in the Molecular Sciences Lecture Theatre at 1.30 p.m. tomorrow (February 14).

The title of the debate is: "The Theory of Special Creation is Superior to the Theory of Evolution as an explanation for the Scientific Evidence Related to Origins."

Dr. Gish, formerly Assistant Professor at Cornell University Medical College, is currently on a lecture tour of British universities, speaking on the Evolution-Creation debate.

As part of the Campus Crusade for Christ, he is giving a series of lectures on this campus each evening this week until Thursday. He will be speaking at 5.30 p.m. in the Molecular Sciences Lecture Theatre.

RECENT BOOKS
Some recent publications by Sussex authors, include:


READINGS ON THE MULTINATIONAL CORPORATIONS IN KENYA edited by Raphael Kaplinsky of the Institute of Development Studies. Published by the Eastern Africa Branch of Oxford University Press at £11.50.

BERNSTEIN'S CODES: A CLASSROOM STUDY by Barry Cooper is the sixth in a series of Occasional Papers published by the Education Area and costs 85p. Earlier titles in the series are:
2. THE ANALYSIS OF CURRICULUM MATERIALS by Michael Erat, Len Goad and George Smith. £1.50.
3. LANGUAGE DIFFERENCES AND EDUCATIONAL FAILURE by Barry Cooper. 40p.
5. PARTNERSHIP WITH SCHOOLS: AN EXPERIMENT IN TEACHER EDUCATION by Colin Lacey and William Lamont. 80p.

Correction: the price of STATISTICAL TECHNIQUES FOR MANPOWER PLANNING by D.J. Bartholomew and A.F. Forbes is £14.75 and not £13.00 as stated in the last issue.

AVAILABLE FROM
SUSSEX UNIVERSITY BOOKSHOP
The Bookshop will be participating in the NATIONAL BOOK SALE which starts on Thursday, February 15. Come early to find the best bargains among books selected from stock and reduced to half price or less, as well as publishers’ overstocks bought for the sale.

THE BARLOW COLLECTION
The Curator of the Barlow Collection, Dr. John Sweetman, will give two lunch-time lectures this term.

The first, on the subject of "Chinese Figurines" will be on Tuesday, February 20, and the second, on Tuesday, March 6, will deal with "Eighteenth Century Porcelain."

Both lectures will be held in the Barlow Gallery, which is adjacent to the University Library entrance, and will begin at 1.15 p.m.