



FELIX

Founded 1949

The Newspaper of Imperial College Union

RENT UP 5%

STUDENT RENTS are to rise by 5% next session, the Student Residence Committee (SRC) decided on Wednesday. This compares with the 3% rise in student grants announced last week.

The SRC voted six to five in favour of the increase recommended by College Financial Secretary Brian Lloyd Davies. All the student members, union representatives and student wardens, voted against with staff members voting for or abstaining. This was the first time for several years that a vote has been necessary at a SRC meeting, where previously a consensus has always been reached.

The proposal accepted also allowed for £100,000 to be taken from the Residence Account reserves, which stand at over £200,000, to go towards the expected £350,000 bill for work in Southside necessary in the next twelve months to comply with fire regulations. This work will be carried out whilst students are in residence and involves fitting automatic door closing devices in each room and replacing the present glass partitions on staircases with stronger partitions, as well as work on communal areas to provide fire doors.

The Residence Account reserve is built up from surpluses generated each year and is earmarked as a contribution to the cost of increasing the number of residence places, although no

firm guarantee that it will only be used for this has ever been given by College. There is increasing pressure for it to be used to pay for the soaring costs of major maintenance work on present residences, especially with the College's reserves being increasingly stretched as further Government cuts take effect. The increase in rents by 5% will generate an estimated £56,000 which will be added to the reserves, whereas a 3% rise in line with the grant increase would raise only approximately £33,000.

The rises mean an extra £1.30 a week on Southside, Linstead and Weeks singles, taking them to £27.30. New rates for other categories will be: New Beit and Montpellier singles £25.20; Garden Hall, Evelyn Gardens and Old Beit singles £23.60; Linstead and Montpellier doubles £19.60; Garden Hall and Evelyn Gardens doubles, and Beit basement £18.00; Garden Hall and Evelyn Gardens triples £13.65.

The proposal passed by the SRC now takes the form of a recommendation to the Rector, who will make the final decision about rents. In previous years the SRC's recommendation has always been accepted.

GRANTS UP 3%

STUDENT AWARDS will rise by 3% next academic year, it was announced last Friday by the Department of Education and Science.

Undergraduates not living at home and studying in London will receive £2,165 (up from £2,100) whereas those living at home will get £1,480 (up from £1,435).

Postgraduates not living at home and studying in London will receive £3,265 (up from £3,170) whereas those living at home will get £1,960 (up from £1,905).

Additionally, for undergraduate grants, the minimum maintenance award will be abolished and parental contributions for those in the middle and upper reaches of the scale will be increased.

The amount of other income a student can receive before deductions from the grant are made is also increased. For undergraduates, income up to £425 will be disregarded and the further disregard in respect of payment by employers or monies received through scholarships is increased to £1,280. The latter sum rises to £1,600 for National Engineering Scholars. Postgraduates have the disregard for

scholarship income, payment from sponsoring employers and remuneration for teaching or demonstrating increased to £1,230 (from £1,155).

Undergraduate travel contributions are increased by £5 across the board. Postgraduate travel cost reimbursement arrangements remain unchanged.

● It is feared that Housing Benefit and Supplementary Benefit during the long vacation will be abolished for students as a result of proposals shortly to be put before parliament.

Student welfare experts see this as an attempt to force students to finance their own way through college.

Further evidence for this is provided by a Government proposal which would lead to a student's own income being disregarded when assessing grants.

Accommodation Guide!!!

See pages 7 to 12

Letters

The Cuts— More Whining!

Dear Sir,

Following last week's article by Steve Lane of the IC Caving Club, I should also like to express my concern over the proposed cuts in the transport subsidies for RCC Clubs. In general the term time activities of our club culminate in a 'tour' in each vacation. The purpose of this tour is to put into practice techniques which have been introduced over the previous three months and to build on these. The extended time period of the tour is a more efficient way of increasing competence with in the club and to pass on experience from older members to those who have just joined. The alternative is the intensive weekend trip which only allows two days to attempt anything new, before having to return to London. Whilst the weekends give an excellent opportunity for club members to sample many of the different areas in Britain, each developing particular styles of walking or climbing, there may be a gap of months even a complete academic year before the club returns to each area when vaguely remembered methods must be learnt wasting valuable time. The value of week long tours to clubs such as ours, caving, mountaineering, and canoeing is immeasurable. Techniques can be perfected over several days. Once persevered with, they are much less likely to be forgotten. At the end of the year the summer tour is the highlight of the year's activities, when members can enter an environment abroad which many would not otherwise be able to afford. This offers challenges far more stimulating than anything found in Britain. The results are a dramatic increase in the standards in the club and inevitably in the safety standards self-imposed by club members who have gained such experience and confidence over the three weeks abroad.

Why then should reducing the tour funding be the solution of the Union's problems since it attacks only specific clubs. Obviously it is impossible for our club to experience lightweight walking activities without leaving London. We need our tours to fulfil all that we can offer to undergraduates and postgraduates at this College. Let the cuts be administered,

through RCC, by the people who are best capable of deciding where the cuts should be made, distributing the effects more equitably.

Celia Woodward
Chairman 1985-86
IC Scout and Guide Club

G Thorpe— The Real Problem

Dear Sir,

I was interested to read G Thorpe's letter of last week (31 May) where he/she was obviously keen to 'solve the real problems of the world'.

Any solution relies heavily on the problem being correctly identified, and at its root this lies with man himself. Attempts to change the world without changing human nature will at best merely be treating the symptoms rather than effecting a cure. In this context the biblical view of Man as created in the human image of God, but fallen and fatally flawed, is a key insight into understanding the human condition.

In a nutshell, I am part of the problem, but God's transforming power is part of the answer.

Yours,
Martin Lings
(Soil Mechanics PG)

NOS on operating system

Dear Sir,

On 24 May you reported that the ICCC password file had been broken into, and that users were recommended to change their passwords. On a proper operating system, there would be no problem, one could simply type, at a terminal, *password, Gandalf* or such, and that would be the new password from then on. Under NOS (not an Operating System) it's not so simple. One must

- 1 Go to the Computer Centre and obtain the correct form.
- 2 Fill this in and present it to your department computing representative (not someone you are likely to know) rather than the group representative who deals with unit allocation, etc.
- 3 Return the form to ICCC, who will have your new password up in a day or two. While this situation remains, security at ICCC is a joke—just like screen editing and a lot of other things that NOS can't do. If this is a Centre of Excellence, when are we going to get the excellent operating system we deserve?

Diane Love
Physics PG

FELIX

The student grant goes up 3% next year. Rents are likely to go up 5%. When the new housing benefit regulations are announced they will probably abolish benefit for students. The rates will be reduced, in any event. The Government are also likely to abolish Supplementary Benefit for students during the summer vacation.

Students next year are going to be short of money. Students in London next year are going to be virtually destitute.

The Government realise this, of course, and, of course, it is exactly what they want. They are forcing students to live in circumstances under which they cannot survive without taking out a loan. There was a massive outcry when the Government first spoke of student loans. Now that they are conspiring to introduce them through the back door, the outcry should be no less.

Unfortunately there is no hope that the Government will listen, though.

If you take 300 madmen and send them abroad with brightly coloured scarves and bottles of Newcastle Brown Ale then they are classed as football hooligans. If you put 300 madmen in a palace in Westminster they are able, not only to do irreparable damage to our country's name, but also to its future. The wages of the sin of these philistine anti-scholars is the intellectual death of the country.

Next year's editor has asked me to announce that publicity to be printed for Freshers' Fair should be submitted to him before Wednesday 7 August. The Print Unit cannot guarantee that orders placed after this date will be printed in time. Orders placed before the end of term will be charged at this year's rates.

There will be no FELIX next week—the last issue will appear on Wednesday 19 June. The copy deadline is Wednesday 12 June for Diary and Small Ads.

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ULU Chaos

DESPERATE TACTICS were employed by extreme left-wing delegates at Tuesday's meeting of the University of London Union General Union Council (ULU GUC) to avoid motions critical of the NUS's new purchasing organisation the National Student Services Organisation (NSSO) being passed. They challenged the quorum and walked out of the room, leaving the meeting inquorate.

The NSSO was set up amid controversy over its membership policy which will exclude student unions not affiliated to the NUS (as reported in FELIX 701). ULU itself is not in the NUS, and is not eligible to join since it is not a student union as such but part of the University administration. Many other University of London colleges are not in NUS including Kings College and most medical schools as well as ICU. Consequently the ULU Executive had proposed a motion calling for London to set up its own separate student union

purchasing consortium if NSSO was not reformed.

Conscious of the damage the NUS will suffer if the NSSO is not a success, delegates from a number of colleges led by the Institute of Education decided to end the meeting when the agenda reached this motion. After they left the meeting was narrowly inquorate and had to be closed much to the disgust of those remaining.

Pay Chaos

THE SENATE of the University of London has called on the vice-chancellor Sir Randolph Quirk to lobby MPs on the effects of lecturers' pay erosion.

The Senate warned of 'the deleterious effect of the continued erosion of university salaries both on the morale of teachers and the quality of future recruitment of teachers to the university'.

The Association of University Teachers (AUT) has rejected a 4% pay offer.

Hamlet Success

RECENT NEGOTIATIONS have concluded that, all being well, Hamlet Gardens will be available to IC students for at least the next three years.

The landlords, strollmoor Ltd, had initially required a large increase in rents which would then have reflected the market rents in the private sector. Following discussion between the College and the landlords, they very kindly accepted that this would present significant difficulties for the students and the College and subsequently agreed to a phased increase over the next three years.

After long negotiations, the rents next year at Hamlet will be £30 for a single room, and £26.50 or £25.00ppw for a double room depending upon which block. ICU President Ian Bull said that his solution came as a consequence of the good work put in by Don Clarke, Estates

Secretary and Michael Arthur, Student Services.

Vacancies still exist for a Warden and a student manager at Hamlet Gardens for next session. Further details and application forms are available from IC Union office. The closing date for application is Friday 21 June.

Grants Chaos

STUDENTS, particularly freshers, will face delays in receiving their grant cheques next academic year, due to the lateness of the announcement of details of the 1985-86 grant.

Local authorities will have problems in processing applications and issuing cheques in time for the new year.

Last year the grant details were announced in April, whereas this year it was 31 May.

WANTED

Cloakroom
attendants / stewards

If you will be around IC this summer and are interested in casual work please contact the Conference Office, room 170 Sherfield Building or ring ext. 3180

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Take a Walk Down

Ismaili Centre

**EXHIBITION
ROAD SW7**

CITY OF WESTMINSTER

PRACTICALLY EVERYONE has noticed the Ismaili Centre, even if they don't even know its name. It stands on the corner of Exhibition Road and Cromwell Road on an island site, and looks toward three solid buildings in the Western Classical style—the Natural History Museum, the Victoria and Albert Museum, and the Brompton Oratory.

However, the Ismaili Centre draws on very different cultural roots, and reflects Islamic traditions both internally and externally. Work started on the Centre about five years ago, and it was officially opened in May. It is designed to provide a religious, social and cultural meeting place for the 15,000 strong Ismaili community in the UK. There are about 60 million Ismailis worldwide, mostly in Africa, Asia and the Middle East. Many of the Ismailis in Britain came here to escape the turmoil of such countries as Uganda over the last 25 years. The spiritual head of the Ismailis is the Aga Kahn, who had a personal hand in the design of the Centre.

The building houses a prayer hall, exhibition gallery, conference room, and social hall, and also has a rather delightful roof garden.

The architecture of the centre is fascinating. Materials used extensively include teak, marble and granite and the colours and designs draw heavily on tradition Islamic themes. Of particular interest is the entrance hall. The small fountain bubbling in a heptagonal raised pool of blue Brazilian marble can clearly be seen from outside, and this is set in a floor of white marble with an intricate design based on the same symbolic seven-sided figure.

Much of the building is already in use, and the Zamana gallery will open soon, showing exhibitions on mainly Islamic themes to the public.

As the photographs bear out, the Ismaili centre is one of the most architecturally original buildings in London. Perhaps the College architect might take a walk down Exhibition Road.

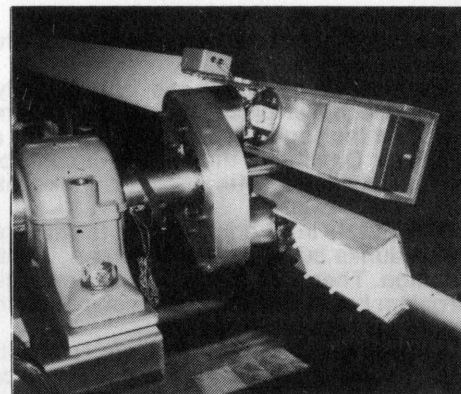


Not a spaceship—corridor leading to the prayer hall



Margaret Thatcher opening the centre

Wind Power



Wind Power is one of the most promising of the renewable energy sources in many parts of the world. A team in the Electrical Engineering Department headed by Dr Leon Freris are working on two interesting projects involving wind energy conversion.

Wind is particularly abundant in the United Kingdom; with an annual average windspeed experienced by the North Western coast of Scotland and the Scottish Isles being as high as anywhere in the world. But to exploit this non-polluting and inexhaustible energy source it is necessary to develop aerogenerators which convert wind energy into electricity as efficiently and reliably as possible. With conventional designs, some major problems have been encountered and it is hoped that a new aerogenerator under development at Imperial College will help to solve them.

One of the problems is the fatigue experienced by the blade roots due to wind turbulence and the shadowing effect of the tower over millions of revolutions. The new design hopes to overcome this cyclic stress by having the blades attached to the hub through an ordinary and cheap universal joint. In this way the blades have freedom to 'cone', that is move out of the plane of rotation, thus relieving the blade root from the fatigue experienced by conventional designs. So that the joints experience a minimum of centrifugal force, the blades are counterbalanced. These universal joints also allow blade pitch control, for example the possibility of changing the angle of the blade aerofoil with respect to the wind. By adjusting the pitch it is possible to control the power converted from the wind, and so prevent the system from overspeeding at high winds. The pilot system about to be tested, is shown in figure one, and has a set of blades of 3.8 metres diameter; but ultimately the aerogenerator will be fitted with blades of eight metres diameter and will provide a maximum of about 11kW from the generator. The whole system is under the supervision of a microprocessor based controller which loads up the wind turbine optimally to maximise the energy from the wind, and also monitors other variables and takes action to protect the system if

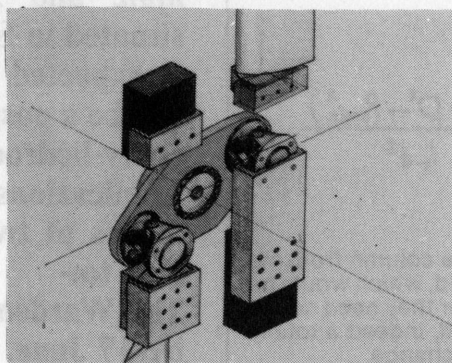
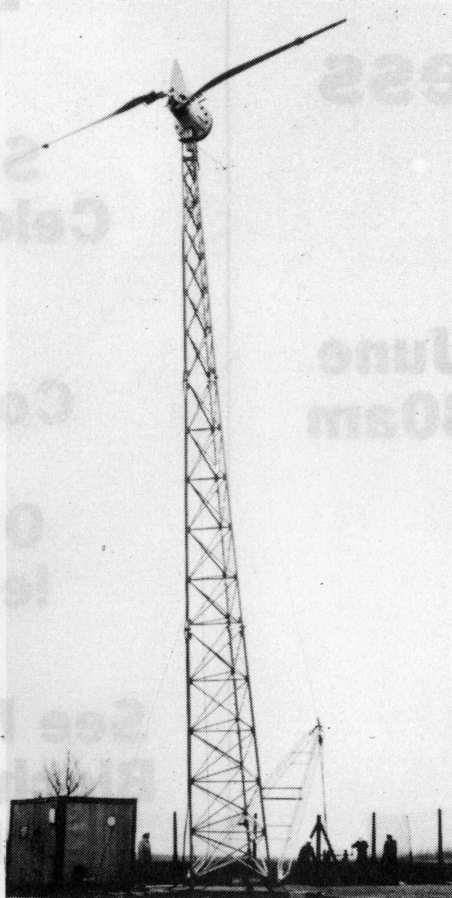


Fig 1 above-exploded view
Fig 2 below-what a whopper
Fig 3 top right-close up



necessary. This new aerogenerator will soon be installed at the Rutherford Appleton Laboratories in Oxford so that extensive studies on its performance can be carried out.

Another area of wind energy exploitation which has enormous potential is in the generation of electricity in power networks supplied by diesel generator sets. These networks are found in areas too remote for connection to a national grid or on islands. In these situations the exploitation of wind is particularly attractive as islands often possess a high annual average windspeed, and diesel generated electricity is expensive particularly when fuel transportation costs are high. When the required wind generation capacity is small in comparison with the diesel installed capacity then addition of wind generators is not normally a problem. However, to obtain substantial fuel savings sufficient wind capacity is needed to supply on occasions the total load demand. Then system stability and control logistics become a problem.

Dr Freris is involved in a co-operative project supported by the Science and Engineering Research Council, and Hawker Siddeley Power Plant Ltd which is being carried out at Imperial College and the Rutherford Appleton Laboratories (RAL) in Oxford. The main intention is to develop a wind/diesel system which is commercially viable. The project involves extensive system modelling and experimental studies, based on a working system which consists of a 16kW aerogenerator and a 7kW diesel generator. Figure two shows this system which is based at the RAL site.

The work up to date has led to the establishment of ways to minimise diesel fuel consumption, maintain system voltage and frequency as conditions vary, and minimise the wear and tear on the diesel engine.

Projects such as these that provide pollution free energy from inexhaustible sources are of importance to developed countries but even more so to developing countries as the technology used can be readily adapted to exploit local materials and expertise.

Tinker

Here is another of my favourite puzzles which I have saved until last.

As most of us know, the only socially acceptable way of eating Rech Tai biscuits is to dunk them in coffee and then nibble at the soggy bits. If, then, we have a full cup of coffee of diameter D , what is the largest circular biscuit which may be completely eaten, with just four dunks into the coffee?

The puzzle in its original form (from Jeremy Smith) used just three dunks but required extra constraints to prevent a trivial solution. There are many different strategies for the four dunk problem but in this one the most interesting method does give the largest biscuit diameter.

I used the following recursion formula to check the solution was the best of all the methods, but you can solve the problem without it by generalising the arguments used in the three dunk problem.

$$(R_{\min}')^2 = R_{\min}^2 - \frac{(R^2 - D^2 - R_{\min}^2)^2}{4d^2}$$

Solutions to me by Monday 17 June.

There have been no offers to take over the column from me and if no one comes forward it will have to fold, which would be a shame. If anyone had thought of taking over they need not be interested in the sort of puzzles I have used, indeed a totally different line would probably make a good change.

Fancy Dress Party

**Thursday 13 June
9.00pm to 1.30am**

**JCR
£1.50**

RSM/IF

Assistant Sub-Warden Selkirk Hall

Applications are invited for the post of Assistant Sub-Warden in Selkirk Hall for the academic year 1985-86. The function of the Assistant Sub-Warden is to help the Warden and Sub-Warden with the organisation and social life of the Hall. Selkirk Hall consists of approximately 48 male and 24 female residents and is situated in Southside, Princes Gardens. It is expected that the successful applicant will be a postgraduate student. A rent-free study-bedroom is provided.

Applications comprising a CV and the names of two College referees should be sent to:-

The Warden, Dr M H R Hutchinson
by 17 June.

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Accommodation

Planning

Introduction

Finding somewhere to live is a serious business. It calls for careful planning and hard work. The aim of this guide is to give you information you need to make the best of your efforts and to help ensure that you end up in accommodation which will enhance rather than detract from your enjoyment of the year ahead.

Unlike some University Towns, London offers a wide variety of accommodation in many different areas. As you commit yourself to ideas about how far away you want to live, how much you are prepared to pay and so on, you restrict the available options and make your task that much harder.

Sharing or living alone

The first decision is whether to team up with other people or whether to go it alone. One big advantage of the go it alone approach is that a large proportion of the accommodation on offer is for one person. Also, you can choose where you want to live without having to consider other people's views. Flats with single rooms are few and far between so if you are set on not sharing a room, then this may be your best strategy. The main disadvantages are that living alone can be very lonely, especially in London and unless you can maintain a good social life at College or elsewhere, you might be letting yourself in for a pretty miserable time. Conversely the main advantage of sharing is that you have guaranteed company and the work involved in finding a place is shared as well. Whereas if you are living alone you will almost certainly have to share bathroom facilities with strangers, and will either have to share a kitchen or put up with a Baby Belling in your room, a flat share means that as a group you will have your own kitchen and bathroom and even a sitting room as well. On the minus side, the strain of living on top of each other in a small flat can lead to personality clashes with people dropping out, leaving the remainder with the problem of finding a replacement or the rent. Committing yourself to a group can severely limit the number of suitable places. In order to help you decide on the basis of availability, here is a breakdown of 863 offers of accommodation which appeared on the Student Services accommodation lists between September 1984 and May 1985:-

Number accommodated	Percentage of offers
1	48.7
2	25.3
3	6.0
4	10.4
5	4.3
6	3.4
7	1.0
8	0.5
9	0.3
10	0.1
	100

Area

Naturally enough, most people want to live as close to College as possible and the virtual phasing out of the facility for re-claiming travel expenses from local authorities provides a strong financial incentive for doing so. The old argument that more distant accommodation is cheaper doesn't count for much anymore, since the cost of travel added on to the cheaper rent is likely to amount to the same as you would be paying close to College.

The advantages of looking further afield are more to do with availability. Widening the area that you are prepared to look at means that you will have more offers of accommodation to choose from and this in turn will increase your chances of finding something suitable. It makes sense to take some time to look at as many areas as possible before deciding. Places like Bayswater, Fulham, Clapham and Chiswick all have attractions which, for many people, make the travel worthwhile.

Rent

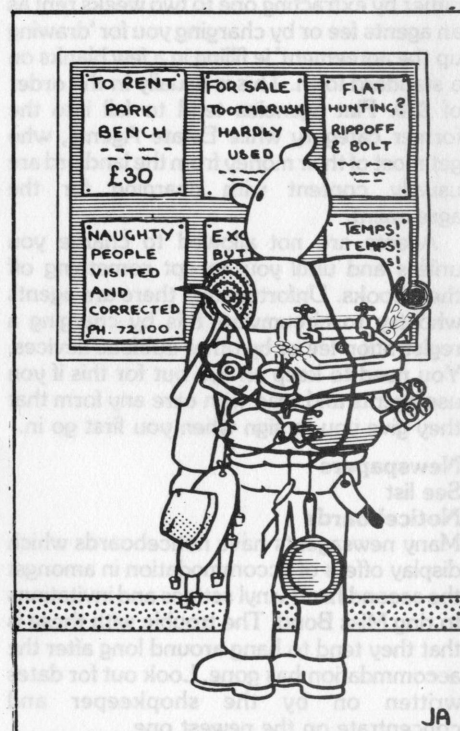
The amount of rent that you can offer is a very significant factor in determining where you end up living. Over the last year or so, the situation has been distorted by the availability of housing benefits for most kinds of rented accommodation. The distortion has arisen because people have felt able to pay more, in anticipation of receiving housing benefits and landlords have raised their prices accordingly. As many have found, however, it is not a good idea to rely on housing benefits mainly because of the very long periods which elapse between making a claim for benefit and getting the money. This has left many students facing severe cash flow problems. Another

discouraging factor is that it is by no means certain that housing benefit will be available to students in the future, particularly in view to the governments commitment to end student entitlement to Housing Benefit and Supplementary Benefit

The calculations for housing benefit are fairly complicated and the amounts which people actually receive are rarely what one might expect. Nevertheless, to give you a rough idea of what you might be able to get next year if you are on a standard grant, take the rent exclusive of heating and lighting and deduct £22. You can hope to get back about 60% of the difference but it would be dangerous to rely on this to any great extent.

When to look

As most of you will probably have discovered by now, it is very difficult to fix up accommodation in advance. Landlords know that they can fill their accommodation easily whenever a vacancy arises. It doesn't make sense for them to commit themselves to having the accommodation available in the future because this would effectively mean that if the accommodation became vacant before then they would have to keep it empty and lose rent. It is certainly much easier to find accommodation if you are looking for places which are available immediately and are ready to move in and start paying rent a once. This means that September is by far the best time to look. Although there is a lot of accommodation available during September, the main difficulty is that there are a great many other people looking for accommodation during that period as well.



Where to look

Where to look

Student Services 15, Princes Gardens SW7; Tel 589 5111 ext 3601; Open weekdays 9.30-5.30.

Student Services produces lists of accommodation, available on production of a Union Card. These lists are up-dated frequently during September but the impossibility of getting hold of large numbers of landlords everyday to check whether their accommodation is still available means that you can never be sure that places on the list haven't gone. The newest ones are added on to the end of the list so it is best to start at the bottom and work up.

University of London Accommodation Office

Union Building, Malet Street, WC1; Tel 636 2818;
Open weekdays 9.30-1.00pm, 2-5.30pm.

The University Accommodation office has details of accommodation all over London. They operate a noticeboard system. One thing worth noting is that you have to produce proof that you belong to the University and that if you are, say, looking for a flat for four, you all have to go along together, at least on your first visit.

Flat Agencies and Estates Agents

See list

Agents tend to charge for their services either by extracting one to two weeks rent as an agents fee or by charging you for 'drawing up the agreement' ie filling in a few blanks on a standard form. This is usually in the order of £30. Flat agencies tend to fall into the former category while Estate Agents, who get most of their money from the landlord are usually content with charging for the agreement.

Agents are not allowed to charge you unless and until you accept something off their books. Unfortunately there are agents who try to circumvent this by charging a registration fee or by other dubious devices. You need to keep an eye out for this if you use agents and read with care any form that they give you to sign when you first go in.

Newspapers

See list

Noticeboards

Many newsagents have noticeboards which display offers of accommodation in amongst the second hand vinyl settees and invitations to ring Miss Bond. The trouble with these is that they tend to hang around long after the accommodation has gone. Look out for dates written on by the shopkeeper and concentrate on the newest one.

Newspapers

The Standard Monday to Friday
Islington Gazette Friday
Hackney Gazette Tuesday and Thursday
City Limits Thursday
Time Out Thursdays
Hornsey Journal Thursday
Chelsea News Thursday
Acton Gazette Friday
Kensington News Thursday
Fulham Chronicle Thursday
Hammersmith News Thursday
West London Observer Friday
Surrey Comet Wednesday and Friday
The Times
South London Press Tuesday and Friday

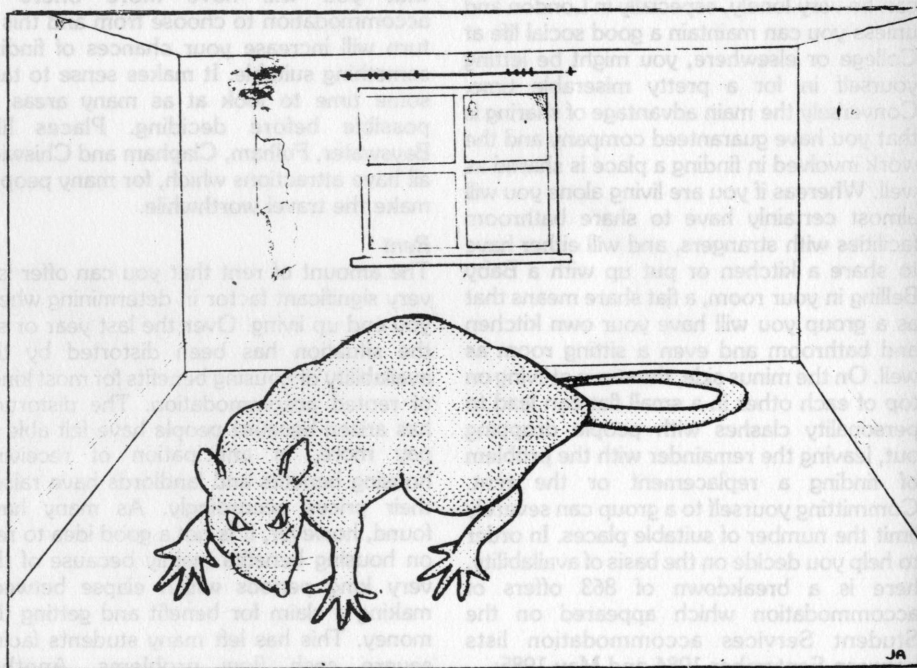


Equipment List

Equipment List

Before starting out on your search you need to gather together a few pieces of essential equipment which will either make your task easier or give you an edge over the competition.

- 1 A-Z map of London. You will find this invaluable in getting yourself to obscure back streets before anyone else.
- 2 A bag of coins of suitable denominations for the telephone and to save you queueing for underground tickets.
- 3 Company let facilities. Many landlords are only prepared to let to a corporate body, partly to stop you getting security of tenure and partly as a guarantee that you will pay your rent and not wreck the place. The College is prepared to provide this facility in certain cases so check with Student Services in advance to see whether, in principle, the College will sign an agreement for you. It is worth noting that much of the stuff from estates agents is only available on a company let basis.
- 4 A bank reference. Some landlords ask for this so that they can ascertain whether or not you are likely to be good at paying your rent. Although not all landlords ask for one, a bank reference produced voluntarily might give you an edge if there are other people chasing the accommodation at the same time. If you don't have a reference and the landlord wants one, you could lose the place in the time it takes to get hold of one.
- 5 Character references. Useful to obtain in advance as with bank references.



Agency Guide

Name	Bedsits	Flats	Areas	Charges to Tenants
Allen's Agency 359 Edgware Rd, W2 262 6118/723 8802	Yes	Yes	All London	1 weeks rent and VAT in advance
Derek Collins Panton House Panton Street, W1 930 7986	Yes	Yes	All London	None except Tenancy Agreement Fee
Flat Finder 75 Tottenham Ct Rd, W1 636 4846	Yes	Yes	All London	2 weeks rent
Flat-Share 213 Piccadilly, W1 734 0318	No	Yes	All London	1 weeks rent and VAT £4 registration fee
Jenny Jones 40 South Molton St, W1 493 4801	Yes	Yes	All London	None
Capital Radio Flatshare Euston Tower Euston Road, WC1 388 1288	A free weekly list of flatshare vacancies available from the foyer, 11.00am Tuesday and Friday			
Around Town Flats 120 Holland Park Ave, W11 229 9966	No	Yes	Chiswick, W11, W8, Acton, Shepherds Bush	Flats-No charge if over £70pw.
Peach Acc. Bureau 142a Shepherds Bh Rd 602 4596	Yes	Yes	All London	2 weeks rent
Find a Home Ltd 75 Gloucester Road, SW7 370 4771	Limited	yes	West London	2 weeks rent for a 6 month lease, 1 week for a 3 months let
Markham Acc. Bureau 70 Old Brompton Rd, SW7 589 9243/584 7315	Limited	Yes	Kensington, Earls Court, Fulham	1-2 weeks rent

Burlington Acc. Bureau 444 Chiswick High Rd, W4 994 6747	Yes	Yes	West London	2 weeks rent plus VAT
Farmer, Son & Bennett 1 Argyle Road, W8 937 2278	No	Yes	Kensington, Chelsea Fulham	None except Tenancy Agreement Fee
London Acc. Bureau 64-65 Prince's Sq, W2 727 5062	No	Yes	West, Central London	2 weeks rent
Felix Acc. Bureau 28 The Broadway, W5 579 2191	Yes	Yes	Ealing, Acton Chiswick	2 weeks rent
Shield Acc Bureau 87 Gloucester Rd, SW7 373 2357	Yes	Yes	Central and SW London	1 weeks rent
Home from Home 24 Bernard Gdns, SW19 947 7211	No	Yes	SW London	None except Tenancy Agreement fee and Inventory check fee
Master Acc Service 17 Clapham Common South Side, SW4 622 4602	Yes	Yes	SW/SE London	2 weeks rent
Simpson & Co 44 Kennington Pk Rd, 582 9323	Limited	Yes	South London	No charges
Busy Bees 22 Baron St, N1 278 8418/8184/8410	Yes	Yes	All London	1-2weeks rent plus VAT
Home Finding Service 110a Blackheath Rd. SE10 692 1787	Yes	Yes	SE London	£30 per person
Property & Prosper 201 Holland Pk Ave, W8 603 4500	Yes	Yes	All London	No charges

WARNING Although we have checked with these agencies to ascertain that they will deal with students, we do not have sufficient information to enable us to recommend any of them.

Getting down to business

Getting down to business

After the relatively easy job of acquiring a handful of addresses comes the rather more difficult one of converting them into bricks and mortar.

Even if you have been discerning in the addresses that you have taken down, chances are that a large proportion of them will be useless. In most cases this will be because someone has beaten you to it but is also not uncommon to find that the details held by the accommodation agency are somewhat more attractive than the accommodation itself. For example, rents are sometimes put up once the owner of the accommodation realises that there are a lot of people interested in it.

So, the first thing to do is to reach for your bag of five pences and ring the numbers to check that the accommodation is still available, find out more about the place and fix up an appointment to meet the owner and see the room.

When you go to see a place it is important to remember that the landlady is looking for a suitable tenant just as much as you are looking for a decent place to live. After a long and frustrating day of looking for somewhere to live you may not be at your best but it is essential to have in mind that the average landlady is looking for someone who is quiet and studious and generally likely to occupy the room in a way which causes the least possible disruption to the lifestyle of the rest of the household.

Thus it is important to appear polite and pliable even though you may be feeling quite the opposite.

There are a number of things to look out for when you go to look at a room.

Furnishings

Is there room and facilities to work, eg desk, chair, etc and somewhere to keep books. If the furnishings are not adequate in some respect will the landlady allow you to supplement them with things of your own. Is the bed going to be comfortable enough to sleep in for a year?

Other facilities

Usually you will have to share the bathroom with other people. Are there going to be unreasonable restrictions on when you can use the facilities? When landladies initially offer a room, they are sometimes vague about cooking facilities where this involves sharing the family kitchen. It is useful to establish at this stage exactly what use you will be able to make of the kitchen. At the same time, it quite often happens that a landlady starts being fairly unhelpful in this respect but once she gets to know you and realises that you are going to treat the facilities in a responsible way, things intend to improve. If you intend to use a bicycle to get you to and from College, check whether you will have a place to keep it.

Heating

When you go and look at a place in September, you will be seeing it at its best in that it will be fairly warm because of the weather and any dampness is likely to have dried out. Try and envisage the place in winter with the wind whistling in through the gaps round the window and the innocent looking dry stain marks on the wallpaper in full drip. Rooms in someone's own house are more likely to be weatherproof but in houses run by commercial landlords who are interested in making as much money out of a place with the least possible expenditure this kind of problem is much more likely to occur and the same goes for flats. Gaps around windows and under doors can be dealt with quite easily by fitting your own draught excluders, but damp often requires expensive repointing work or repairs to guttering which the owner may never get round to doing. Rooms with high ceilings are difficult to keep warm, the more so when they are next to an unlagged roof space.

It is an idea to look at the heaters which are provided to see whether they will be able to keep the room warm, and if you are paying for the electricity or gas yourself, how much per week this will add to the real cost of the accommodation.

Fire Risk and Means of Escape

Large houses full of bedsits are perhaps more likely to go up in smoke than a lot of other sort of accommodation. Such houses like others in multiple occupation, are meant to have certain 'means of escape' facilities. These usually involve self-closing doors with a fireproof backing on them, a fire escape at the top of the house and, in the case of houses over say three stories high, a fire escape at the top and a fire screen on the stairs, usually near the top of the building—this is where you have to go through a self closing door to get to the stairs serving the upper portion of the house. Such buildings are also meant to have a fire certificate. A good way to ensure that you don't get the accommodation is to ask to see the owners fire certificate.

It might make life difficult if you were only to accept accommodation in houses which comply with the fire regulations, but at the same time do bear in mind the dangers. If you are offered a room at the top of a house, what would happen if a fire broke out on the floor below. Would you be able to get out? Other details like old wiring or the fact that the accommodation is over or next to a chip shop are also worth noting in considering whether or not the risk of living there is an acceptable one.

Noise

If you need a quiet environment to work or sleep in, look out for main roads and railway lines. Unfortunately, however, the

most likely nuisances are going to be your neighbours and there is no way of finding out how noisy they will be until you have moved in.

The Landlord

The landlord's personality, as it were, is not that important in cases where he does not live on the premises, but if you have a resident landlord it can be very important indeed. To a large extent it is up to you how you get on with your landlady although of course there are some unreasonable landlords and landladies who would try the patience of a saint. In most cases, though, all that is required is a bit of give and take on both sides, but you may well be expected to make most of the concessions. On a first meeting it is very difficult to work out whether you will get on with a particular landlord or landlady and if they take an instant dislike to you the problem will be solved by you not being offered the room. As a general rule, the quality of the relationship that you can develop with the landlord will have a considerable effect on the quality of your life in the accommodation.

Transport

Before rejecting a place because it is too difficult to get to on public transport, it is worth looking at alternative means of transport. Don't forget the overground trains that serve South London and you could even consider the possibility of getting a bicycle. Also it is sometimes quicker to walk than to use public transport!

Making a Decision

One of the most difficult aspects of the whole business is trying to decide whether or not to take a place that isn't quite what you had in mind. On the one hand you can't help thinking that if you go on looking for a bit longer something better will come your way but on the other hand you may be getting pretty fed up with trudging around looking at places and if you don't take up the offer that you have, you may end up having to take a place that is even less suitable.

If you are reaching the end of your tether and a place comes up that is acceptable but not ideal, one solution is to take it so long as you don't have to enter into a long term agreement for it. Then, when things have quietened down a bit and you are feeling up to rejoining the fray you can start looking around for something more suitable without the threat of homelessness hanging over your head.



Signing the agreement

Signing the agreement

Agreements come in many shapes and sizes but they have one common objective—to give the property owner as much control over the situation as possible. Housing legislation has two main objectives. One is to give tenants security, the other is to impose some form of control over the level of rent that the landlord can charge.

These provisions can have serious consequences for landlords and so they naturally seek to avoid them.

In many cases, this is not entirely unreasonable. Landlords have high overheads and are operating in an area which is only marginally feasible in commercial terms. The return on the amount of capital invested in the accommodation tends to be low in comparison to other forms of investment. Much rented accommodation is loan financed and vulnerable to increases in interest rates, apart from absorbing much of the rent which the landlord is able to extract from his tenants. There is an element of capital gains ie the increasing value of the house or flat, but this is fairly unpredictable. If a landlord is unable to charge a rent which covers his outgoings and gives a reasonable profit, and if he is unable to sell and recover his investment then there is not much point in his continuing being a landlord.

From the point of some classes of tenant, such as old people and families, security of tenure is extremely important. For a student, however, this is not so critical. Most students are looking for short term accommodation anyway and the most important thing is to avoid being made homeless at crucial times like in the middle of exams.

So, the main thing is not to worry too much about agreements. Even though some seem strange, there is usually method in their madness.

Minimum Protection

Under virtually every kind of accommodation arrangement, there is a level of minimum protection provided by the Protection from Eviction Act. The landlord has to give you 28 days written notice and then must apply for a court order before he can get you out. Any attempts to get rid of you without following this procedure constitute a criminal offence.

Types of agreement

Licences

These are the most common form of Rent Act evasion and until a recent House of Lords decision, they seemed to have the unqualified support of the Courts.

The main feature of a licence is that the owner reserves the right to move in with you himself or move other people in as and when he likes. This is just a technical form of words which is intended to prevent the creation of a protected tenancy. In reality the owner has no intention of doing this. Licences also tend to include clauses to the effect that you freely agree to enter into a situation where you have no rights. However, in fact he would still have to get a court order if he wanted you out.

Holiday Lets

These used to be very common but their validity as a means of taking your rights away has now been discredited for long lets because they are obviously sham agreements—who do you know who would take a nine month holiday in Shepherds Bush?

You may come across a holiday let but if you do, it probably means that the landlord doesn't know what he is doing. There is no reason why you shouldn't sign one of these.

Tenancy Agreements

Signing a tenancy agreement could mean that you are a protected tenant, can stay there for as long as you want and have your rent registered (this usually means reduced) by the Rent Officer. These agreements are usually used where the landlord wants to incorporate one of the Rent Act exceptions to long term security of tenure, such as the fact that he is an owner occupier. This means that although you are a protected tenant, the court would let the landlord have his house back, if he wanted to live there himself.

Shorthold Tenancies

These were created in an attempt to encourage more people to let flats, by restricting security of tenure. However, in order to create such a tenancy the landlord has to register a fair rent for the

accommodation. For this reason they are very unattractive to most landlords and although you may hear of short hold tenancies it is unlikely that you will ever come across one.

Non-existent Agreements

Many landlords don't use agreements at all. This is usually when they live in the same house in which case security of tenure is limited anyway. People worry about this kind of arrangement. In fact, there isn't anything to worry about. Nearly all agreements have a lot to say on what the tenant must, or must not do, to fulfill his side of the deal and very little to say about what the landlord has to do. If there is not an agreement, this does not take away any of your legal protection. In the case of a situation where the landlord is not resident, the absence of an agreement is likely to mean that you are a fully protected tenant. The only real snag with this kind of arrangement is that it is often used by people who are up to something like subletting when they shouldn't be or not declaring the rent to the taxman. Such landlords are likely to refuse to give you receipts for rent, insist on cash payments and generally try to give the impression to the world at large that you don't exist. The only problem is that if you want to claim any form of housing benefit you will find it very difficult to convince the town hall that you are paying rent. Such landlords get emotional if you mention housing benefit to them.

Fixed term agreements

Most agreements are for a fixed term eg 1 October 1985 to 30 June 1986.

This applies to all kinds of tenancies and licences. The problem with fixed term agreements is that unless they contain a clause to say that you can move out early—eg by giving a months notice, then you will be liable for the rent for the whole period of the agreement. This can cause real difficulties if you find that you don't like the place. Usually landlords will let you go if you can find a replacement but this is often not possible. It is important not to sign a fixed term agreement without provision for giving notice unless you are reasonably confident that you will be happy to stay there for the whole period. The alternative is to negotiate with the landlord and try and get him to put in a provision about leaving early.

Checklist for signing agreement

1 Read it carefully. Standard clauses like not playing records after 10.00pm are unlikely to cause any problems. The landlord will only enforce these if he starts getting complaints from neighbours etc. However, sometimes landlords put in clauses saying, for instance, that you will have to pay some enormous sum at the end of the tenancy for cleaning or for an inventory check. These are a different matter altogether.

2 If the agreement is for a fixed period remember that you will only be able to move out before the period expires if the agreement expressly says that you can.

3 If you are really unhappy about signing an agreement for any reason, don't sign it. Ask if you can take it away so that you can get some advice on it. The landlord may refuse to let you have the flat unless you sign right away but if he does, then you were probably right to be unhappy about the agreement in the first place!

Deposits

Landlords usually ask for large deposits to cover damages and non-payment of rent. Since you are likely to be having to part with one or two months rent, it is important that you take steps to safeguard it. The problem with deposits is that once the landlord has it, it can be difficult to get it back. This is a very good illustration of the saying that possession is nine-tenths of the law. At the end of your stay the landlords may claim, for example, that you have ruined the paintwork and that he will keep the deposit because he has to re-decorate. In most cases it is very difficult to disprove this and since the landlord has the money he usually ends up keeping it!

There are, however a few things that you can do to avoid this. When you move in do a careful condition check of the accommodation, make notes and send a copy to the landlord. In particular, you need to look out for things which might prove expensive if you are accused of causing them later on. For example marks on walls, shabby paint work, damaged wallpaper and holes, stains and cigarette burns in carpets. Also you need to look out for damage to bathroom fittings and kitchen equipment, fitted cupboards etc. Marked and broken furniture and stained mattresses are also worth looking out for. Sometimes the landlord will provide an inventory which makes it easier but if he doesn't a comprehensive list of effects, copied and sent to the landlord could well pay dividends later on. One way of recording the general condition of the accommodation and the state of decorations is to take photographs. Colour ones are best because they tend to be unflattering anyway whereas black and white photos have the opposite effect.

SCC Chairman's Annual Report

'By the time, man is in loss, except those who believe, those who do good works, those who enjoy the right and those who are patient'.

Yet another academic year draws to a close and students reflect back at what they have achieved this year. Final year students will be happy (or sad, as the case may be) at their (expected) class of degree or at their employment situation, others will be worried about their exams etc. But most will look back at this year and ponder on what they could have done and blame themselves (or more likely others) for their underachievements.

So let's look back and see what SCC has achieved this academic year. There has been no shortage of events for SCC to capitalise on, this year:-

The horrific famine in Ethiopia. People are dying, due to lack of food, on a scale unknown in recorded history, while at the same time there are mega surplus quantities of food in the EEC and USA.

The continued sick apartheid system in South Africa while College maintains close links with the oppressive South African government.

The non-sensical wars taking place in various parts of the globe and how the plight of the suffering Lebanese, Afghani and Irish people has been ignored.

The political questions brought about by the re-election of Reagan, and the deaths of Andropov and Mrs Gandhi.

The list is by no means complete but compared to the above the most major problem faced by the UK this year, the miners strike, seems (and is) insignificant.

It could be argued that since SCC contains all the religious and political societies it is the job of SCC to do something about the above. There were three main SCC co-ordinated events this year (no improvement on last year):

The *Human Rights Week* was very successfully organised by Tom Osorio this year and high-lighted some of the problems above, the level of participation was perhaps down on last year but the level of activity was certainly high.

Contact Week organised by the Christian societies and co-ordinated by Richard Eccleston was the most visible in a long time and several important questions were discussed.

The rest of the religious societies, Baha'i, Islamic and Jewish participated in the *Religious Week* with the highlight being the event by Baha'i society which brought together all the major religions which showed that perhaps there isn't as much in common between them as some would lead (or like) us to believe.

By far the largest group within SCC (or

indeed in the College), the Miscellaneous societies (with the membership of just the Industrial, Sci Fi and H G Wells societies exceeding a grand) were content with mostly individual activities but their level of activities is very high anyway, a special mention must be made of the careers fair which is organised by Industrial Society and was on it usual grand scale.

Financially, SCC may just be able to keep to its budget this year, thanks to fine management by Dr Nigel Graham, the HST, Adrian Masters and the HJT. But with the mega Union short fall next year and the formation of two new societies (Appropriate Technology and a much needed Arts Appreciation Society) next year may be a problem. Also I would like to use this opportunity to appeal to all those who use the SCC equipment to please return it as various items have gone for walk this year and lost their way back.

I would like to thank all of this year's committee especially Josie Glausiuz for putting up with my incredible laziness and wish Richard Eccleston and next year's committee all the best in the future.

The problems faced by the world today puts into perspective the rôle of students at IC. We come here to get an education not just to get a piece of paper at the end qualifying us to be called engineers or scientists. Part of that education *must* be directed towards answering the question 'what am I here for?' and in answering that question you will do your bit in solving the real problems that afflict you.

VACATION WORK AT THE SCIENCE MUSEUM

The Science Museum has vacancies for two Assistants to help run its 'Test Bed' from 29 July to 31 August 1985.

'Test Bed' is an area, open only at certain times, where visitors can handle and experiment with a number of specially prepared exhibits in a more direct and informal way than is possible elsewhere in the Science Museum.

The Assistant's job is to be on duty when Test Bed is open, and to

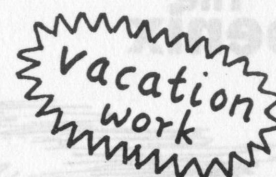
- talk to visitors and encourage them to try things
- carry out running maintenance on the exhibits

Hours: 11.15am to 5.30pm Mondays to Saturdays (inclusive) for 5 weeks, starting on Monday 29 July and finishing on Saturday 31 August.

Pay: £16-£18 a session, depending on age.

Applications: Further details can be obtained from the Information Desk in the Science Museum, or from Michael Williams, Launch Pad Project, Science Museum, Exhibition Road, London SW7 2DD (Tel: 589 3456 ext 588/625).

Closing date for applications: 21 June 1985



REVIEWS

Magazine • The Phoenix
Opera • Cosi Fan Tutte



MAGAZINES

Further evidence that members of this College are as clever as they think is provided by PHOENIX, the

annual literary review. That means poems and stories, John. *The Spectator* liked the last one, proclaiming it the best student magazine in the country. I can't compete with that because I haven't read the others. I can say, though, that what we have here is a goody.

The look of the thing is less unified than that of previous 'risings'. At one extreme, some pages are pure Rag Mag. At the other, well, surprise yourself. In particular, Ken Mann's *Chinese Room* and Aquilon's *Tunnel Vision* are clever prose. The first is a short story in the *Tomorrows World* mode. The second is a remarkable piece about the disorientation of a visitor to London. Ruth Yeoman's poems and Howard Rudd's photographys also deserve attention.

As a whole, the magazine provides entertaining light reading, and is rather more fun to read in the bath than, say, *Mathematical Methods for Science Students*, although it might not make you as rich. At the recommended price of two-and-sixpence PHOENIX is the cheapest way to make your coffee table pretentious.

OPERA

Cosi Fan Tutte

Did you see Schaffer's *Amadeus*? The play about Mozart. Then this might grab your interest. One of Wolferl's Operas is being performed at the Royal Opera House. Find out what was behind Salieri's filtering paranoia. Oh, yes, it's all there—perfect harmonies, coquettish, giggly humour—but no farting jokes.

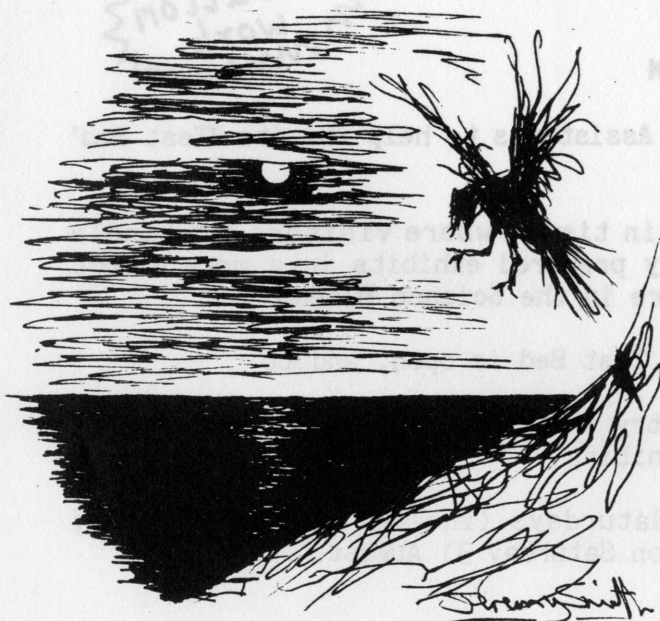
An opera is a startling thing. First, the careful construction allows balance in every aspect. The voices are chosen so that their timbres both carry the character and blend with those of the other singers. The orchestra is correct within itself and still supports the voices without any apparent conflict of rôles. Obsession extends even to stage design. The combinat-

ion of performers and background gives the impression of a painting set in motion. And loudly—the power of the thing is marvellous.

Flat spots? Definitely not. The orchestra take a few minutes of the overture to settle in, but that's what overtures are for. Perhaps Fiordiligi (Margaret Price) was short of breath on the last note of an otherwise stunning *Come Scoglio Immoto Resta*, but it was hard to tell through the applause. In short, what we have here is three hours of joy and excellence. Allow another ten minutes for the standing ovation.

So you would rather go see *Dire Straits* at Wembley. Well fuck you. Me, I sing in the kitchen. *La Mia Dorabella...*

The Phoenix



The literary magazine of ICU

Available from the bookshop, ICU office and libraries for only 30p

Student Services Finance Assistant

Would you like to be a cog in the well-oiled machine that is Student Services? Due to the removal to the Finance section of Gary Turner we are looking for a new Finance Assisant to operate the Office's billing system and to deal with everyday queries from students. A new graduate with experience of computing and College accommodation would be ideal.

Salary £6617-7692 (incl London Weighting)

Apply to: Michael Arthur, Student Services Office,
15, Prince's Gardens, London SW7 1NA
Tel 01-589 5111 ext 3601

Closing date: Friday 14 June

SCI FI SOC

The time has come

'The time has come, the Chairman said to talk of many things, of next year's films and cinema trips, of magazines and things...'

And so it has! This Thursday there will be an *important* meeting for SF Soc members where we will discuss next year's activities. If you want us to show a particular film, buy a certain book for the library (you might even be surprised to find we've already got it) or invite a certain author to talk to us, then come along to the Green Committee Room at 1.00pm this Thursday—that's the top floor of the Union Building.

Even more *important*—would anyone interested in writing for the SF Soc magazine please come along as well. This high quality publication requires authors and will be available at the start of next term. All help will be gratefully received, and who knows, our magazine might lead to greater things. See you all on Thursday!

Bookshop News

Don't forget sponsorship forms are in my office.

NEW TITLES

Where to go in the countryside Automobile Association £14.95

The Salad Bowl Sonia Allison Piatkus £8.95

The Complete Strawberry Stafford Whiteacker Century £6.95

Lester. A Biography Sean Pryor Sidgwick and Jackson £8.95

The Art of Captaincy Mike Brearley Hodder and Stoughton £12.95.

Proms '85 BBC £1.25

A-Z of English Ronald Ridout Granada £2.95

The Penguin Pocket Thesaurus Penguin £2.50

So Long Thanks For All The Fish Douglas Adams Pan £1.95

Lace 2 Shirley Conran Penguin £2.95

Bad Taste Book of Sport Silvey-Jex £2.50

By All That's Holy Bad Taste Book Silvey-Jex £2.50

The Death Merchants Joseph C Goulden Sidgwick and Jackson £10.95

Don't forget the Sportshop has a wide selection of Sports gear, plus T-shirts, Sweatshirts and now in, machine washable jumpers.

BIOTECHNOLOGY

Sweet swindles

Margaret Thatcher makes much of free market economics, but there is no such thing as a free market in food commodities according to Tate and Lyle's Director of Research, Prof Renton Righelato. He described the hard realities of agricultural price wars. Sugar prices, for example are fixed in the US and Europe to protect farmers, while poor Third World countries must sell at well below the cost of production. For them it may be their only commodity and they are desperate for foreign exchange.

It is worth making fuel from sugar cane. Not for profit, but countries like Brazil prefer it to paying valuable dollars for oil. Prof Righelato showed that a hard-headed look at prices is needed to decide which biotechnologies might be profitable in this country, and which would need more compelling justification. Making meat from cereals using a cow is highly inefficient, but the price per ton that people will pay is so high that the process still makes money. Making medical or specialist products is one of few ways biotechnological conversions that can make a profit.

Making the very sweet high-fructose syrups from maize is big business in the USA because of high sugar prices. The same could be true in Europe (the prices are right) but when companies began investing in this biotechnology an EEC ban froze development. As Prof Righelato pointed out, industry may be encouraged by government pricing but blocked by equally arbitrary government laws. (Both in this case protect European sugar beet farming).

In the early seventies making food from microbes ('single-cell proteins') seemed like a good idea. The raw materials (Petroleum, gas, etc) were cheap, the fermenters used less land than crop fields, and the proteins made had an excellent balance of nutrients. The oil crisis (or rather the OPEC price-hike) and denser cropping destroyed many single-cell protein development programmes. Consumer conservatism was another obstacle. Only a few huge companies could continue and now ICI and Rank-Hovis-McDougall are the lone survivors. Their products (Pruteen and Mycoprotein) are only now beginning to show their nutritional worth. (Look out for Mycoprotein in your supermarket steak and kidney pie).

Profesor Righelato gave us a picture of the forces that sway huge industries: Our Western protectionism, foreign exchanges, our eating habits and prejudices, wars and cartels, inability to tackle very long term investments, and sometimes blindness to new technologies. Biotechnology is not simply about making money: the politics and innovation process make it far more interesting than that!

Joint Rag Committee

**Wednesday 12 June
12.30pm
Union Lounge**

**Election papers
will come down
on Monday
at 5.30pm**

Academic Affairs General Meeting

**Monday 17th June
at 12.30pm
Senior Common Room**

**All welcome, but all Dep
Reps (both incoming and
outgoing) must attend or
send apologies to the Union
Office**

**£30 for
two days' work**

**Cleaning work
is available
on Monday 24
and
Thursday 25 June
in the residences**

**Please contact Student
Services for further details**

Mining success

On Sunday, the two teams that had battled their respective ways to the Imperial College Cup Football Final (for Residents) took to the task of deciding the Cup Holders for 1985-86. Early pitch inspection in Hyde Park had revealed more of a barren strip of turf than the lush grass of the Wembley surface that many of the players were accustomed to. However, make-shift posts were installed and the game commenced at 11.00am.

Hamlet Gardens first team were quickly into their stride and scored with a good shot early in the game. Mining House first team retaliated and were rewarded by a penalty for handball taken ruthlessly by Guy 'Lucky Lad' Poppy. Soon afterwards a head-clash between John Burke of Mining and a Hamlet defender lead to the latter being taken to hospital with

an eye-wound requiring several stitches. John Burke continued to play but later received three stitches to a cut in his head when bits of brain were found on the ball. This gave Mining an unexpected advantage but all to no avail as Hamlet quickly scored again to lead two to one with only ten men (visions of Manchester United!!).

Mining were fast to turn the tables. Jon Ager equalized with a well-taken goal, involving a sprint that would have left Carl Lewis floundering. Indeed, Jon's effort was such that his half-time orange was found 'floundering' outside the Zetland on his return to Evelyn Gardens. Another goal by Jon Ager followed by a Hamlet own-goal within a minute made the score four to two at half time.

Superb footwork on the left by Guy Poppy lead to a well-taken



goal for Martin Brook to give Mining a confident start to the second period. However, Hamlet dictated the run of the play but were kept at bay by some acrobatics by Dave Martin in the Mining goal, he also made some fine saves. A goal though, for Hamlet, brought them back into contention at five to three.

This contention was short-lived for after some one-touch

football by Mark 'Vyvyan' Barrow and Ivan 'Elephant shorts' Parkin, Hugo Alexander put away his first and Mining's sixth. Jon Ellis and Bruce Ainsworth found the legs to keep running in the energy-lapping heat and created an opening for Martin Brook to casually take his second goal and end the final seven to three to Mining House.

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WATER POLO

A fair season

Although we started the season well by winning the ULU Water Polo knockout cup (?) despite a handicap of -6 goals, the rest of the season wasn't so successful. In the Southern Division of the UAU tournament we finished second to Bristol, the eventual runners up in the final. Although we played badly on the day, it's fair to say that Bristol fought harder for the ball and deserved their place in the final. In the play off for the last place in the final, we lost 7-6 under dubious circumstances to Loughborough. We found it frustrating not to be able to defend the title we'd won last year, although Birmingham had such a strong squad we would have been competing for runner up medals only.

The swimming team, although small in number, were far more successful. By doubling the number of tournaments they entered, they were able to compete twice. Like the water polo squad they were able to win the ULU championship

comfortably for the umpteenth time. The main event, however, was their first entry in the UAU long course championships held at Liverpool. A four man team was sent, comprising Dave Brocklebank, Ian Ruddle, James Pearson, and Paul Richardson. Even though only nine out of a total of 24 events were contested, they still finished third overall against much larger teams. James Pearson came second in the 100m backstroke and third in the 100m freestyle, with the relay team finishing second in the medley and fourth in the free style events. Next year we shall be entering the UAU sprint championships and also hope to be able to find a womens team in order to compete against other universities.

Colours were awarded to the swimming team of Pearson, Brocklebank, Ruddle and Richardson, and half colours to Nick Ireland and Dave Wall for water polo. Thanks to Stuart Chorlton and Paul Richardson for all their hard work this year.

Friday 7

- **ISLAMIC SOCIETY** 1.00pm Union Building. Friday congregational prayers.
- **ANTI-APARTHEID** 5.30pm South Africa House, Trafalgar Square. Start of 24 hour picket of Embassy protesting at massacre at Ultenhagg, and calling for release of Nelson Mandela.

Saturday 8

- **ANTI-APARTHEID** 8.00pm The Centre, Adelaide Street, WC2, behind St Martin in the Field. Benefit for Namibia (SWAPO medical kits). 'Skint Video', Ian Saville (conjurer for socialism), North African Dancing, City Group Singers, Music, and Bar. £3/£1.50 unwaged. Organised by City AA.

Sunday 9

- **CHAPLAINCY SERVICE** 10.00am Consort Gallery Sheffield.
- **MASS** 11.30am and 6.00pm More House, 53 Cromwell Road. Mass, bar supper and talk.
- **WARGAMES MEETING** 1.00pm Union SCR. 10% discount on games, membership £1.50.

Monday 10

- **ICCAG LUNCHTIME MEETING** 12.30pm ICCAG Office. Come along and find out about the activities of the Community Action Group.
- **HANG GLIDING MEETING** 12.30pm Southside Upper Lounge.
- **WATERSKI CLUB MEETING** 12.30pm above Southside Bar. Sign up for Wednesday and Saturday skiing.
- **CHRISTIAN UNION** 5.30pm Green Committee Room, Union 5th floor. Meet for prayer each Monday till 6.30pm
- **DANCE CLUB** 6.30pm, JCR. Advanced Ballroom and Latin 6.30pm (Jazz), 7.30pm (Ballroom) 75p.

Tuesday 11

- **AUDIOSOC** 12.30pm Union Upper Lounge. Discount record club meeting, buy records cassettes, videos etc at trade prices.
- **MASS AND LUNCH** 12.30pm Chemistry 231.
- **HOVERCRAFT CLUB MEETING** 12.45pm Lower Gallery, Linstead Hall.
- **QT MEETING** 1.00pm Southside Upper Lounge.

- **RIDING CLUB** 1.00pm Southside Upper Lounge. Meeting.
- **THE IMPERIAL WORKOUT** 6.00pm Southside Gym. Wear something comfortable and please bring training shoes (any kind) all welcome. 50p a lesson, membership £1.00.
- **CANOE CLUB** 6.30pm IC Swimming Pool. Trip every other weekend.
- **DANCE CLUB** 7.00pm(inter) and 8.00pm(improv) JCR. Intermediate Ballroom and Latin and Improvers Ballroom and Latin. 50p.
- **OPSOC REHEARSAL** 7.30pm Music Room, 53, Prince's Gate. Meet in Southside Bar before rehearsal.

Wednesday 12

- **ICCAG HOSPITAL VISITING** 12.45pm, Mech Eng Foyer.
- **WARGAMES** 1.00pm, Union SCR. 10% discount on games.
- **ISLAMIC TEACHINGS** 1.30pm-2.00pm, 9 Princes Gardens. Muhammad as foretold in the Bible. Free.
- **MICRO CLUB MEETING** 1.30pm Mines 401. Membership £2.
- **DANCE CLUB** 8.00pm JCR. New Beginners Class. 50p.

Thursday 13

- **METHSOC MEETING** 12.30pm Chem. Eng. E400. Informal meeting, lunch available.
- **AUDIO SOC** 12.30pm Union Upper Lounge. Discount record club meeting. Buy records, cassettes, videos, etc. at trade prices.
- **ICYHA BUTTIES** 12.30pm Southside Upper Lounge. Our weekly meeting with information on this term's coming events. All welcome.
- **THE IMPERIAL WORKOUT** 12.45pm Southside Gym. Wear something comfortable and please bring training shoes (any kind) all welcome 50p.
- **STAMP CLUB MEETING** 12.45pm Chemistry 231.
- **BALLOON CLUB MEETING** 12.45pm, Southside Upper Lounge.
- **SCIENCE FICTION SOCIETY** 1.00pm library meeting. Access to the society's 600 volume library. All members welcome. Union Green Committee Room.
- **FIELD TRIP** 5.00pm Donne Bank Orchid Reserve. Minibus trip to Reserve in Kent, where Charles Darwin studied the pollination of flowers. Natural History Society.

- **QURANIC CIRCLE** 1.30pm 9, Princes Gardens. Learn the science of the recitation of the Quran.
- **THE IMPERIAL WORKOUT** 6.00pm Southside Gym. Wear something comfortable and please bring training shoes (any kind) all welcome. 50p a lesson, membership £1.00.
- **ICCAG SOUP RUN** 9.15pm, meet Weeks Hall, Princes Gardens. Taking soup, biscuits and meeting some of London's homeless.

Friday 14

- **ISLAMIC SOCIETY** 1.00pm Union Building. Friday congregational prayers.

Saturday 15

- **TRIP TO BOULOGNE** early Morning, London to Boulogne. End term with a mini-bus away break. Bring your friends with you, all welcome. Cheap wine, beer, cheese, onions etc. £19.50 subsidy. Wine tasting Soc. Contact Mark Masento Bio Chem 103 ext 4114.

Sunday 16

- **ANTI-APARTHEID** movement national demonstration 3.00pm assemble 12 noon at GLC, County Hall, rally Trafalgar Square. No to Apartheid! Stop the Massacres! Sanctions Now.

Monday 17

- **ICCAG LUNCHTIME MEETING** 12.30pm ICCAG Office. Come along and find out about the activities of the Community Action Group.
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Tuesday 18

- **AUDIOSOC** 12.30pm Union Upper Lounge. Discount record club meeting, buy records cassettes, videos etc at trade prices.
- **MASS AND LUNCH** 12.30pm Chemistry 231.

The only essential equipment for the FELIX RALLY is the London A-Z map. A pen and paper might be handy, as will wheeled transport, motorised preferably. Also useful is a team to offer helpful directions, or otherwise, solve clues and collect treasure.

Details from FELIX Office, Beit Arch.

FELIX RALLY, Sunday 23 June 1985. AM.

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**Required
Assistant Sub-warden
Falmouth Keogh.
Apply in writing to
Dr P Jowitt
by Monday 10 June**

**Required
Warden and
Student Manager
Hamlet gardens
Apply to IC Union
by Friday 21 June**

SMALL ADS

ANNOUNCEMENTS

●If anyone lives near The Staghouse Brewery Mortlake, please contact Jon Ingham via ICU Rag. Beer Incentive!!!

●Allez a France avec Le Wine Tasting Society, nous allons a Boulogne. Cheapo vin, bier, fromage sur 15 juin. Cost seulent £19.50 moins Le subsidy. Few places gauche, see Mark Masento Biochem Room 103, ext 4114. Pas'etre manqué.

●Artist wanted, to turn ideas into decent cartoons for the Rag Mag. Budding cartoonists should reply to Tony Spencer via FELIX Office or Life Sciences letter racks.

●Day trip to Boulogne 15 June. Few places left, only £19.50 less large subsidy. Book now to avoid disappointment. See Mark Masento Biochem room 103 ext 4114.

●Don't forget to buy your tickets for the Elec Eng end-of-year party. To be held in the Holland Club, 8.00pm to 12.00pm on Wednesday 12 June. The numbers on each ticket will go into a draw for a bottle of Bailey's Irish cream. There will be no tickets available on the door.

LOST

●From Chem Eng library a Casio fx-550 calculator. Please contact D Bruce Chem Eng letter racks.

●Lost somewhere in Princes Gardens, Corvette Quartz watch. If found please return to D Davies Aero 1.

FOR SALE

●Bicycle Raleigh Hercules 20, 3-speed. Ratty but good working order, £25 or offers. Contact Mike Molloy Elec Eng 3.

ACCOMMODATION

●Flatshare available July and August. One person (preferably post grad) wanted to live in St Johns Wood. £17pw exc. Contact Helen Hills 722 5676.

●Two rooms and own kitchen suitable for two people. The house is situated five minutes walk from Tooting Bec tube station. Rent is £208 per month. For further details contact Susan on 672 8274.

●Houseshare two people wanted £30 pw each, modern house beside Wimbledon Common. Available from 27 June, has c/h, garage, and garden. Contact Nick Wooder 789 9796 (evenings) or internal 6866.

PERSONAL

●Yea the mole from the mountains has returned—happy to meet the incontinent pigeons of Tizard.

●To MH and SB from flat 12. We're not as green as we're cabbage looking.

●Wanted one whip for RW to keep John in order.

●40,032,568 on wave 190—the Force with JCB.

●The Claybrain award for losing interest halfway through the year goes to Nigel Owen.

●For Mathew's sake buy Dave some custard.

●Bounce, splat!! I'll have the fifteen quid myself thanks. Leave it in Life Sci pigeonholes in a brown envelope.

●For a night you'll never forget come to Imperial Radio Brothels—bargain offer, fifteen pounds only, waterbeds a speciality.

●I'm still bouncing yeah, yeah, yeah.

●If only the pimps didn't take all the money...its a hard life for a girl on the bounce all the time.

