



# FELIX

IMPERIAL COLLEGE UNION

No. 274

6th MARCH 1969



# Referendum voters say ; We want to elect our Union Officials

The referendum held on Monday 24th produced 1742 students willing to give their views on the constitution and approve or disapprove of suggested changes. Generally, they wanted things as they are, with the notable exceptions of heavy majorities in favour of the president and secretary being elected by a vote throughout the college, and for departmental reps. being on council.

As stated in the last FELIX, a Union meeting was held the Thursday before to discuss the referendum, but due to bad publicity only 40 people came, so it was cancelled as being of little use in informing the general student body.

Despite receiving a favourable vote, the proposed Sabbatical year of the President will not be included in constitutional amendments as set out by the working party, but will be treated as a separate suggestion to the college administration.

The recommended new constitution was due to be presented to council on Monday 3rd March, and will subsequently have to be passed through two successive Union meetings with a two-thirds majority.

The chairman of the working party on the constitution, Martin Bland, seemed satisfied with the reaction to the referendum, but considered that some of the questions had been badly phrased and should have been more directly emphasised; in particular he thought that the question on ICWA should have been phrased relative to ICWA's elevated status as a comparatively small IC club, rather than the vague "Do you believe . . . ."

Not many postgraduates voted, surprisingly, but the voting was not random, as the results show, although a publication of the voting held in the RSM showed a reversal on the Sabbatical year result.

In a letter to FELIX, unfortunately unpublished due to space reasons, George Assimakis referred to rumours that "certain members of council tried to boycott the referendum by asking people

not to vote"; he also claims that certain year reps. refused to announce the referendum to their years and failed to help in manning the ballot boxes, resulting in some years voting almost completely and others hardly at all.

In all, however, the referendum has shown that the students here are not as apathetic as some would like to think, and that they want a much more democratic and representative structure in ICU. Certainly, the most important result of the referendum has been the overwhelming majority in favour of reform in the president and secretary's election system.

Constitutional  
referendum

Final  
results

The 1742 people who took part in the referendum voted as follows:

Do you believe that	Yes	No	Abst.
Constituent colleges should exist ?	1221	491	30
ICWA should exist ?	976	727	39
Exec. should exist ?	1243	434	65
ICU should join NUS ?	781	922	39
President should have Sabbatical year ?	968	708	66
President and Secretary should be elected by a vote throughout the college ?	1322	396	24
Departmental reps. should be on council ?	1064	603	75

## Seven Vice-Presidents for I.C.U.

Proposals submitted to ICU Council by the constitutional reform working party are reformist rather than revolutionary. Seven Vice-Presidents are suggested, the additions being Welfare, External Affairs, Academic and Internal Affairs (instead of the present Deputy President). Three types of UGM are recommended, including one without a quorum but with stipulated publicity

regulations.

The size of Council would be considerably increased to 37 by including eleven departmental reps. President, Secretary and departmental reps would be elected by general ballot and most of the other Union Officers from the floor of the Union AGM.

The party have recommended Council have more major sub-committees—welfare, external affairs, aca-

ademic, house and finance beside the clubs committees. However they have not made recommendations on NUS, ICWA or the constituent colleges on the grounds that it was not their business. The Executive stays, slightly modernised but due to lack of time no recommendation, other than that of further study, has been made on the question of a Sabbatical year for the President.

## 'At home'

The Tizard Hall "At Home" was held last Tuesday to enable residents to meet their tutors in the more social atmosphere of Tizard gallery. Punch and wine were served and plates of biscuits and nuts were periodically replenished and passed round among the residents and their guests.

Unfortunately, few students took advantage of the occasion to bring their tutors or other representatives of their departments, and the majority just came to drink what they would have to pay for anyway. The punch was disappointingly weak, but this was compensated for by the wine.

The evening lasted from 6 till eight and the drink lasted remarkably well, so the evening was enjoyed by all.

## Publicity stunt goes astray

In the early hours of Tuesday morning a week ago two geology I students could have been sitting on the top of the wall of Wandsworth Prison for 1½ hours. The idea was to break in, put up Carnival posters and break out again. But surveying the patrolling warders and loose police dogs they decided to just sit on the wall. One person rang up the Mirror for publicity and the sin-in was then terminated by the arrival of the police. Four people spent the night in jail but were released mid-day Tuesday after making statements.

## Corr's footnote

On seeing this week's 'They Tell Me', Dermott Corr wished to comment "Who told him that?"

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The inimitable Barrow Poets.

## R.C.S. Carnival raves to Chickenshack

Last Friday night and Saturday morning, the RCS Time Machine turned on about 500 people, just as the adverts claimed. Such was the enthusiasm generated by the audience that both of the star attractions, Chickenshack and The Barrow Poets overran their time by a considerable amount at no extra

charge to the organisers. Chairman of RCS Ents, John "Butty" Butterworth, claimed that more stayed through the night for their early morning soup than ever had done before. The loss on the event is believed to be in the region of £100, not an overlarge sum for such superb entertainment.



# THEY TELL ME . . .

by Les Ebdon

In the traditional IC manner two candidates are already emerging for next year's IC Presidency. It would be invidious to mention either by name, but perhaps salutary if we were to reflect — in a peculiarly English way I hope they will understand — on what makes a President. Now good Presidents are few and far between whereas average ones are two a penny (no pun intended). Take the four Presidents this year. Now Gwyn Hughes can argue he was only a last-minute stand-in, so to be fair we will ignore him. I don't think Barry Sullivan ever set out to be other than a typical Mines' President and this he has succeeded in doing. By sticking to his job, rather than poking his nose elsewhere, and by setting a reasonable standard of responsibility he has won respect outside Mines. It will be good if constitutional changes are accepted which would leave Sullivan-type Presidents freer from IC politics and thus more able

to do constituent college work.

## Egoism

When Dermott Corr and Rex Lowin were elected to their various posts, their supporters expressed the hope that they would be a new type of President, with a more democratic, less egoist, outlook on the job. It is probably the dwindling away of this support from progressives, which in recent weeks has hardened into outright opposition, that has left Dermott rather sensitively exposed. Poor Dermott finds himself in much the same position as Harold Wilson, distrusted by the right and deserted by the left. The reason has been the same — a lack of courage in the face of opposition both from people and the system, a failure to really prove he believes in what he once stood for. The consequences have been much the same — sensitivity towards the Press (hence Corr's obsession with *Felix*; Wilson's with the BBC), and of late Dermott's rather unfortunate personal antagonism towards people

like George Assimakis and Piers Corbyn who take, for different reasons, less notice of the system.

## Reds under beds

Time is fast running out for Dermott Corr, if he is to take the kind of courageous stand of which we know he is capable against the "reds under the beds" scandal-mongering at present prevalent in Guilds.

On the other hand, the clock has only just started to tick for IC President, Rex Lowin. Destiny calls for Rex Lowin — the constitutional reform sub-committee, of which he is a member, have produced some progressive and useful reforms for ICU. Obviously at some stage or other perplexed people will doubt the wisdom of one or two changes. This is when Rex Lowin must emerge from behind his Cigarette smoke-screen and take a courageous stand. Any President can conform to what the Union in-crowd want; it takes a brave one to stand for what the Union needs but it is guts that make a good President.

## Horizon

Last term, a "Horizon" team came to IC to get material for a programme they were producing — "The Drift from Science". They took film sequences of the College, interviewed students and filmed members of Physics in lectures and in the labs. Penny Clark, Gwyn Hughes and John Spence took part in a recorded discussion to provide sound background for the film sequences.

This is being screened on BBC-2 at 9.35 p.m. today, Thursday 6th March.

New *Felix* and *Phoenix* editors will be elected at a meeting on Wednesday 12th March at 1 pm in the Union Office. The *Felix* vacancy is for next term and next year and the *Phoenix* vacancy is merely for next year. Anyone interested in doing either of these jobs for all or part of these periods should attend. Printing experience essential.



Sue Williams of Civ. Eng. I, the newly elected Carnival Queen, adorning a pump in Hyde Park.

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## WHAT'S ON

### THURSDAY

**General Studies.** The case for the Student Left. A lecture from Tariq Ali, editor of *Black Dwarf*. How to prise mortgages out of Building Societies. Instruction by Derek Cummings.

### MONDAY

**Wellsoc.** 'Migration', a lecture by Dr. G. V. T. Matthews.  
**Soc. Soc.** Annual General Meeting at 6.00 p.m. in the Main Botany Lecture Theatre.

### TUESDAY

**Commsoc** Annual General Meeting and a film on China, in Mech. Eng. 703 at 6.00 p.m.  
**General Studies.** Aesthetic Consideration of Design with special reference to technology and production, with J. B. Evans. Brahms: progressive or conservative? With Denis Mathews, an international concert pianist. Also: A Union Debate.

### WEDNESDAY

**Tonight! The Two Gentlemen of Verona** in the Union Concert Hall at 7.45 p.m. Tickets on sale at the door, price 3/6, 4/6 and 5/6 (and in the Union and Southside at lunchtimes).

### THURSDAY

**I.C. Union Meeting.** In the Union Concert Hall at 1.00 p.m.  
**I.C. International Relations Club.** 'Vietnam Peace Talks'. A speaker from the U.S. Embassy.  
**Consoc.** Annual General Meeting at 1.00 pm in Committee Room A in the Union.  
**I.C. Dramsoc.** The play 'The Two Gentlemen of Verona' — Union Concert Hall.

### FRIDAY

**Dramsoc.** 7.45 pm in Union Concert Hall. 'The Two Gentlemen of Verona', 3/6, 4/6 and 5/6 at the door.

### MONDAY

**Wellsoc.** Annual General Meeting at 7.00 pm. At 7.00 pm Dr. Christopher Evans will speak on 'The Beautiful Dreamer?'  
**Christian Union.** A talk on Easter by Derek Osborne at 1.10 p.m. in the Mech. Eng. 542 with sandwiches available.

### THURSDAY

**General Studies.** Industrial Design and its relationship to the engineering industries — a lecture by F. Height of the RCA. Brahms: progressive or conservative? continued by Denis Mathews.

### WEDNESDAY

**I.C. Persian Soc.** Persian New Year Party. Discotheque with Persian music and folk dance in the Physics Common Room 7.30-12.30 p.m. Complimentary tickets from Persian Soc or IRC committee.

## Smalls

**2nd Girl** to share S.W.6. flat from March 22nd. Rent £3/13/6. Nr. Fulham Broadway. Phone (day) Anne Wheatley 01-589-5111 Extn. 295 or Int. 3454.

**IC Poets** in our own magazine? Contact I. Williamson. Mines Rack.

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## Dunces hats to sand domes

At the Mines Union meeting on Tuesday of last week discussion ranged from dunce's hats to sand domes.

### Mines Hatted

The Honorary Pornographer proposed that to maintain the dignity that befits the office, the President of Mines Union should wear a top hat and the secretary a bowler hat. Amendments gave a cloth hat to the Vice-President and a dunce's hat to the Honorary Pornographer. The motion was carried unanimously and all should be seen wearing their respective headgear from 9 a.m. to 6 p.m. while in College.

### No Davy

An all-day symposium on sand domes and mascots was discussed. Barry Sullivan admitted they would never be able to solve the clues for Davy and also described the sorry state of Clementine, the Mines' vehicle. It was suggested that a tank would be more reliable but Barry Sullivan deferred a decision on changing Clementine until later.

He announced the way Mines voted in the referendum: in favour of constituent colleges, ICWA, the executive system and the sabbatical year for the President of ICU (this by one vote only); but against NUS.



## OPEN YOUR MIND

Covent Garden Tube, straight on up Long Acre, left at Drury Lane, past — on your left — no less than Betteton Street — home of the amazing IT at number 22 — past the building site, and there on your right is number 182 — tatty and ramshackle, perhaps like the scrap metal warehouse it used to be.

Enter . . . voices, music, smoke, pictures, crowds, people, laughter . . . you are now in the unofficial centre of the London underground from which flows much **CONSTANT FLUX**.

Lots of things happen at the Arts Lab. The name implies experimentation, which is roughly speaking what it is about. Jim Haynes, the main originator of the Arts Lab, is very concerned with "breaking down forms." One of his colleagues Frank Muller says similarly that they want people to just go there, join in, and do their thing.

The big attraction for the next two months is Jane Arden's **VAGINA REX AND THE GAS OVEN**, with Sheila Allen and Victor

Spinetti. This is a theatrical production—well worth 10/- which is something to do with women. It deals with the way in which society imposes behavioural patterns on both men and women. The performance is mind-shaking; the actors, acting music, incredible lighting effects, and screenplay are really great. Don't read a review — go and see it!

Films, on show nightly, are experimental / underground / unusual. Both theatre and films are often on simultaneously with a third area like: music, poetry, dancing, mime, discussions, etc. Semi-permanent features may be: exhibitions of paintings or photos, giant gonk shows, light shows or whatever happens to be around, including food.

The Arts Lab is the gateway to all sorts of Underground Happenings. The magazine stall has a good range of world-wide hippy magazines. International Times and the notices on the wall will tell you what's happening in London. The organisation is anarchic and confused — unlike the orderly lives of most people. What happens if the Arts Lab is too WAY OUT for any government subsidy

(unlike the ICA which gets massive government aid) so the Arts Lab grooves along by itself.

The atmosphere is very friendly and enjoyable. Conversation often centres around phoniness of curious stories and reveals many differences in attitudes between those who "frequent the Underground" and those who do not.

"The Lab" is open every evening and night except Mondays. There, you can get a "calendar of what is on", but better still read IT (or Time Out, for some items); for up-to-date information dial 242-3047/8.

### OPEN YOUR MIND— BECOME MORE AWARE— FREAK OUT

YOU (as a member of USK) can join the Arts Lab for 15/- instead of £1 (obtain forms from Union Office and return them to there). Membership entitles entry to the building with as many guests as you want, at 2/6 a time, and also access to the Electric Cinema club (find out about that from Arts Lab or IT).

Piers Corbyn.

## Action on London P.G. allowance

One of the strangest anomalies in the present student grant system is the lack of a London allowance for post-graduates. At present even the recently cut undergraduate grant has a London weighting of £35. How did this situation come about? Until 1962 there was a London weighting on P.G. grants. In that year the Ashby report was published. This surveyed the expenditure of 170 P.G.s from all over Britain, 18 being from London. 7 of the latter were discounted on the grounds that they spent too much money, and on the basis of the remaining 11 it was decided that P.G.s did not need a London allowance! The report as a whole was not accepted but this recommendation was, not surprisingly, adopted by the Government.

### Reports

The case for a London allowance is overwhelming. It is manifestly obvious that it is far more expensive to live in London than in the pro-

vinces, and the principle of a London allowance is accepted by the Government for the Civil Service. The report of the Advisory Panel on Student Maintenance Grants recommended a London differential of £40 for undergraduates. For a postgraduate attending for 44 weeks this would indicate a weighting of £60. Report Number 44 of the National Board for Prices and Incomes, "London Weighting in the Non-Industrial Civil Service," stated that "it is the cost of living which should be the determining factor in the question of London Weighting." A survey by A.S.T.M.S. of 60 S.R.C. financed P.G.s at I.C. was compared with the figures for civil servants considered by the P.I.B. It was found that the cost of accommodation, travel, etc. of the P.G.s was £272.5 p.a. compared with £261.2 p.a. for civil servants in the salary range £751 - £1000. The P.I.B. recommended a London weighting of £120 for people in this group.

### Campaigns

Thus it can be seen that the case for a London allowance is very strong. What, then, is to be done?

Already, A.S.T.M.S. is campaigning on our behalf. London weighting for P.G.s is now official N.U.S. policy. As yet, however, these do not seem to have involved the London postgraduates themselves. On 20th February, I attended a meeting of P.G. representatives called by King's College Postgraduate Society. The aim of this meeting was to try and organise a campaign by London P.G.s for a London allowance. Strike action by P.G.s who do tutorial work etc, is among the possible activities being considered. Letters are being sent both to Edward Short and to the press. Clearly it will be necessary to co-ordinate such a campaign with A.S.T.M.S. and N.U.S. But the P.G.s of London should be in the forefront of their own fight. Anyone interested contact Martin Bland, 625 Tizard.

### U.S.A.

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# The function of the University

*Following the large expansion in the last decade of the numbers of students attending University, the present structure of our universities is being criticised from many angles. At one extreme is the group of academics who suggest the idea of a University completely independent of the Government, at the other are the students of the left who feel that industry already controls our courses.*

*To discuss the whole problem of the function of the University, in the light of the present situation, Felix has invited a number of people to contribute articles on the subject. In this issue Matthew Duncan-Jones suggests ways of improving Imperial College, and Matthew Carrington suggests solutions to problems facing universities in general.*

## What is Imperial College anyway? by Matthew Duncan-Jones

"Crap", "a mind-sausage machine" are commonplace answers among students here and elsewhere to the question stated in the title. This open failure on the part of the institution can be simply and correctly analysed. IC is the most glorified college of technology in Britain and as a tech. of course has no Arts or Social Science faculties. This means that the ratio of men to women is very out of balance and that the students are more narrowly educated than elsewhere.

The techniques of criticism and understanding of anything not involving mathematics remain abysmally low from beginning to end of College life. IC's lack of creativity is partly demonstrated by the fact that the new informal arts society "Henry" finds it very difficult to get off the ground and also by the shortage of material of any standard for FELIX and PHOENIX. Social life very often centres on the bar. Women aren't allowed in the Union Bar and conversely with the ICWA lounge. A motion calling for an end to this ridiculous state of affairs was recently rejected by ICU, much to the derision of the RCA.

Manifestations of the immaturity of the structures of IC are many and obvious: Morphy day (from which RCSU has at last withdrawn), the President's Ball, and pots presented to few and sundry, the dinosaur nature of the Union and the childish use of standing orders at Union meetings.

Another is the Joint Committee of the Union, the Rector and the Governors (JURGO). Jurgo is, as Council members freely admit, a pantomime of "student participation" as can be seen from the 'double punishment' issue and the Rector's avoidance of real discussion.

Of course, many are proud to be at Imperial College. But there must be some alternative to institutions which define themselves in the following way:

"The purposes of the Imperial College are to provide the fullest equipment for the most advanced training and research in various branches of science, especially in its application to industry . . ."

(Article II of the Charter of Incorporation, 1907). IC doesn't even claim to educate and broaden the minds of its students, but stifles and narrows its members to one academic discipline. Through its lack of stimulation of any opposite opinions, it implies that science (as narrowly described above) is the only discipline in which thought is required. Students arrive from school with a proven exam-passing ability and this is about all this system ever asks them to exercise. The students pass through in ever decreasing numbers to supply to country's need for scientists and are by their nature separate from and raw material for the "national technology" as Lord Penny puts it in the ICU Handbook. IC's products may be first class experts but,

as H. G. Wells said (and I say **now**), they are all too often visionless, inwardlooking and narrow-minded.

What are the alternatives? A drastic overhaul is of course necessary, but this will not come unless there are people (students are people who know what student life is) in decision-making positions at least up to the Governing Body level, who are convinced of the necessity for change. This means students with full speaking and voting rights, not only "participants" but representatives who can be mandated and report back to General Union meetings; it also means that there must be fewer industrialists, to whom a University is a production-line of experts, on the Governing Body, and more of both academic staff and representatives of organised labour of the shop-floor variety rather than tame Trade Union officials who sold their souls to the establishment years ago (e.g. Les Cannon, General President of the Electrical Trades Unions).

As regards the courses themselves, there must be rapid expansion in the teaching of the social sciences, economics, sociology, politics, philosophy, languages, etc. Scientists must understand society to be able to use their science responsibility and not be blind to the applications of their work; this responsibility must be to humanity rather than to private enterprise. Such courses must be of a critical nature — examining society as a complex process, not as a series of water-tight compartments. This means not merely industrial relations or management studies, which provide another set of courses to develop expertise in handling the problems of industry, but fundamental analyses of the evolution of society. The concept of "courses" should be discarded for that of discussions between "staff" and "students".

It is important to realise the very great differences between making IC more general, by expanding the courses which seek to train rather than educate, and increasing the real scope of study allowed in and around IC. Incorporating arts subjects into the IC campus would mean that they would be under the same financial control and hence become mere extensions of the national technology rather than areas of self-expression and genuine diversity.

I assert my right as an individual to have a say in what I am taught — that means more than choosing between a series of third year options; to have a say in what my life's occupation is to be, beyond receiving careers advice as to "what is the best job for me?" The University must be a constructively critical institution and not a training-ground for "experts".

Who controls IC? The Governing Body appoints the Rector, who is the de facto head of IC though his decisions have to be rubber-stamped by the Governing Body after

being taken by the Finance and Executive Committee of the Governing Body. The Governing Body is therefore the ultimate authority and is composed of representatives from the Crown, Dept. of Education and Science, University of London, Inner London Education Authority, the various professional institutions and the major Commonwealth Governments, plus a few representatives from a few more sources. They are mostly industrialists.

Research in the universities is sponsored by the research councils, Ministry of Technology and Ministry of Defence together with the obvious Universities Grants Committee financed by the Government. According to a rather guarded article in Science Journal (Jan. '69) . . . "the UGC does have the power — if not the authority — to suggest what fields of learning might profit most from investment; or to call a halt, as it has done recently, to new building projects in time of economic difficulty".

On Wednesday, January 29th, Mr. Short, Secretary of State for Education and Science, developed this theme in a less carefully worded way: ". . . universities should become increasingly aware of the demands of the economy and it is difficult to see how they could maintain their autonomy without doing so" (Times, Jan. 30th). i.e. either the universities voluntarily do as they are told or they will be forced to do as they are told. The universities are not, then, autonomous institutions guided by principles of "academic freedom" and "intellectual tolerance" but of profit. They have to be cost-effective, which means becoming more thoroughly integrated with industry both for research and development projects, which also determines the course content (i.e. training not education) meaning that university lecturers talk more about their "teaching load" and less of the educational aspects of university courses.

In this way the student becomes more and more like the worker in a factory; both are controlled by the same people, except for some very important differences that enable the authorities (of the state and the universities, with the aid of the national press) to usually split co-operation between students and workers. Students are on the winning side in the educational rat-race and receive grants, a form of charity, instead of wages, which emphasises the point. They are the "intellectual elite" who will get what pickings capitalism can offer. But they are constrained by the same primitive structure throughout society like everyone else.

Therefore students can only move forward effectively with the rest of the workers and such a struggle will be long and hard, but student politics, if dealt with in isolation, are next to irrelevant anyway, and completely separated organisationally, from other progressive movements.

## The changes needed following expansion by Matthew Carrington

Violence has always been an accepted form of political protest; it showed itself as much in the Birmingham riots of the 1880's as in the brawl on the floor of the House of Commons in the 1890's. It was only in the fuzzy pre-war years of the 1930's that pacifism, fashionable for a short time, made political violence not only deplored, as it had always been, but almost redundant, except with a small lunatic fringe. But as a general rule it has always been the case that those people who feel themselves incapable of either convincing others, or of being convinced in logical argument resort to battering their opponents into bloody submission. It is not, therefore, surprising that Universities are at last getting their share of this political action. When they used to exist for a select few it was only to be expected that violence did not erupt—now it is only surprising that it did not follow sooner on the vast expansion of University places. This is not to deplore the expansion, only to point out that the result was inevitable, given that University students now come from different backgrounds, with vastly different traditions and that Universities themselves have failed to change to accommodate them.

It is therefore apparent that change is necessary, but before considering what change, it is worthwhile considering what a University is supposed to do. It must primarily educate, or as I am now talking about scientific establishments, it must primarily train. This is not because of some dark bear lurking outside the campus who requires regular

sacrifices of trained technologists, but because in science and engineering it is impossible to progress without having first absorbed the required amount of knowledge; and the amount of knowledge required before the student can be allowed to think for himself is rapidly expanding to fill the three years available. So the problem is how best to get students to absorb all the necessary facts. Once this has been worked out, it is necessary for the University to give a certain contact with the outside world; most students on entering the hallowed portals of our more famous research colleges have only had that contact with the world about them afforded by the school or the family life. Just as the Grand Tour in the 18th and 19th centuries fitted the young gentlemen for life—so the University must equip the young technocrat. Of course this is already done to a certain extent by the students themselves, principally in the Union, although not every student is prepared to be bothered with the Union and risk his degree. A University should also be a place where the student can think, and form his own opinions, and this is why the idea of a University as a factory for ready-made ideas is so ridiculous. Although democracy should be paramount, there should be as many opinions as there are students, and so it is not very flattering to the majority to have its opinion put forward as the college's, for it shows the students as being able to agree with glib statements on complicated issues.

The University is at present set up with the purpose of

giving people degrees, and unfortunately not just a degree but also a class of degrees. This is all very well if one accepts that examinations are the best way of assessing someone's ability—but in that case Universities should, like schools, be geared to the passing of examinations, with mock exams and all the rest of the paraphernalia of the best modern teaching techniques. But examinations are in themselves highly dubious, at best they are an indication of the students memory and stamina, and at worst a useless guide to his state of health. Of course, if examinations were abolished a lot else would have to change, for instance lectures—which are largely redundant already owing to the poor quality of the lecturers—would have to cease, and then the lecturer could distribute what he wanted to say in duplicated form, and spend the time he would normally spend lecturing in seeing students privately. The next thing is that a lot more emphasis would have to be put on the tutors, who would then do the teaching the lecturers don't do. This would have the advantage of bringing back the personal contact between the teacher and the taught, and at the same time would leave plenty of scope for modern teaching methods, such as teaching machines. Of course, as the tutors would be doing the assessing, each student would have several tutors. This is only a sketch outline of the changes I think are necessary, but it shows the direction in which I think the changes are bound to come, particularly away from the impersonal towards the personal.



# COMMENT

The abysmal failure of the Albert Hall Carnival concert, together with the decrease, compared to last year, in the amount of money taken in street collections, suggests that there is something basically wrong with the way this year's carnival has been run. The question to be asked, and subsequently answered, is where the failings lie and what can be done to correct them.

The reasons given by the Carnival co-ordinator for the failure are three-fold: a lack of experience, time and people. Taking the final point first, the suggestion that not enough people expressed a willingness to work for carnival is surely borne out by the fact that one person alone was responsible for running the concert, and only three were available to run the discotheque at which the Carnival Queen was elected. The fact that insufficient numbers joined Carnival meant that the committee did not have enough time to arrange things as they would have wished, the result being the almost complete failure of the whole of Carnival Week.

The remedy for both the shortage of time and people would surely be to hold the elections for Carnival co-ordinator and decide the charity at the end of the previous session, instead of the beginning of the Autumn term. The election of the Carnival co-ordinator and the filling of all major posts on Carnival at this time would give those elected a chance to work out plans for Carnival over the summer vacation and the choice of charity at the same time would mean that raffle tickets and the relevant posters could be prepared ready for immediate use at the beginning of the new session. Arriving back at the beginning of term with all the ground work laid, the committee would then be in a position of being able to concentrate completely on creating interest in Carnival (a position the present committee were never allowed to enjoy).

Under the present system, all those people who are willing to work in any capacity in the Union take posts at the club and Union A.G.M.'s held at the end of the academic year, and thus by the time Carnival is appealing for committee members they are firmly entrenched in the various clubs, and perhaps more importantly for them in Hall. The remaining failing to be overcome next year is that of the lack of experience which exists in this year's committee. There must be more continuity between the Carnival committee of this year and that of next. Since a number of this year's committee have expressed a willingness to carry on in some capacity next year, this is the ideal time to bring the elections forward and ensure this continuity. As the success or failure of Carnival respectively adds to or detracts from the prestige of the I.C.U., we must do all in our power to make next year's Carnival less of a failure than this has been.

## LETTERS

### STAFF-STUDENTS

#### "STERILE TO IMPROVEMENT"

Sir,

As a member of a staff-student committee, I should like to reply to the letter of Mr. D. Christopher concerning student participation in university policy. He bemoans the fact that these committees discuss matters in a reasonable manner. Perhaps he would like to explain what can be achieved through being unreasonable. The question "what if both sides reason differently?" is totally irrelevant and symptomatic of the attitude expressed by P. Corbyn and others of "us the students against them the staff". This attitude is ex-

tremely naïve and completely sterile towards improvement; it merely serves to undermine the existing staff - student relations.

The aim of staff-student committees has been, since their birth two years ago, to establish an atmosphere in which all parties concerned can meet and discuss matters relevant to their needs. Considerable progress in this respect has been achieved in the Physics department. A number of recommendations by the committee have been implemented and several new ideas brought up by the students have been in direct parallel to those brought up by the staff. A staff working party has been set up to re-examine the whole purpose of

*The Editor reserves the right to omit all or part of any letter submitted to Felix. Also, the opinions represented in these letters are not necessarily the opinions of Felix.*

physics education and the staff will, of their own initiative, consult student opinion.

This degree of co-operation and understanding has not been attained by taking over the senior tutor's office and singing "We shall overcome". Neither has it been attained by presenting the staff with a series of ultimatums. It goes without saying that students will only be given participation in university policy when they show themselves sufficiently responsible to bear the task.

A level of confidence must exist between staff and students before major changes instigated at staff-student committees can be brought about. Instead of casting

## R.C.S. DINNER

Sir,

We would like to dispel the rumour (as reported in the last FELIX) that people applying for the RCS annual dinner now would be unlikely to be allocated tickets.

In fact, our policy will be to allocate tickets on a "random sample" basis, all applications received before 7th March having a chance. So if anyone is interested, we would urge them to fill in a form and send it in immediately.

C. J. L. Yewlett,  
Hon. Sec. RCSU.

aspersions on staff-student relations, Messrs. Corbyn, Christopher and Co. would be far better employed in building up this level of confidence.

Brian Hains,  
(3rd Year rep. Physics staff-student committee)

## THE REDS ARE COMING

Sir,

Recently, the matter of vandalism at LSE has received a good deal of attention in the columns of FELIX from our socialist sisters at IC. Generally speaking they have put forward the view that their comrades at LSE are really good guys and gals being oppressed by Fascist authorities and the police. I suggest, sir, that this is not the case.

The gates at LSE were put up by Dr. Adams (quite rightly in my opinion) to stop further illegal occupations of the school by Communist traitors. Some of the LSE students then saw fit to tear them down and as LSE is not their property anyway they had no right to do this.

Like Mr. Duckett (or "Spukes" as he is known) I attended one of the ULU meetings and saw there (with

no particular surprise) the usual motley selection of Red agitators, like the well-known pro-Chinese Communist, Mr. Manchada. Unfortunately I had to leave when the atmosphere became almost toxic.

I sincerely hope that students at IC realise that we have rights of free-speech in this country which are virtually unparalleled anywhere in the world except perhaps in the USA.

We must make sure that these rights are not abused by a minority of Reds trying to impose their views upon all and sundry by encouraging Right-Wing patriotic students to attend all student meetings and fight Communism on the debating floor.

Lastly, I agree with John Wayne: "f... Communism".

David J. Hidson,  
Physics 3.

At Imperial College London SW7 (01-589 2963) will be found: Editor Paul Heath Assistant Editor Mary Ford News Ian Carr Features Malcolm (ego-trip) Williamson Sport Bob Pine Felicity John Probst Business Tony Kirkham Advertising Pete Chapman Phil Rainey Circulation Dave Chant Cover Alan Cummings Photographics John Rogers John Langley Robin Gostick What's on Andrew Holman Other Invaluable Contributors Les Ebdon Piers Corbyn Ian Quarrinton Frances Campbell Geoff Craig Martin Bland Caroline Patsy and all our superb sales girls

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# Engineers Scientists\*



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# CARNIVAL CONCERT: A FAILURE, BUT WHY

Following the failure of the Albert Hall Carnival concert, which lost in the region of £800, the National Council for the Unmarried Mother and her Child have no chance of receiving the talked of £12,000 from I.C. charity appeal this year. The figure suggested by Carnival Co-ordinator Ian Jarvis after the concert was £2,500, which makes a total of £3,700 (together with the sum already handed over to the National Council). With just two weeks to go until the end of term, which will virtually be the end of Carnival for this session, the Carnival committee are pinning their remaining hopes on the raffle, which should bring in £1,000, and the fete to be held next term.

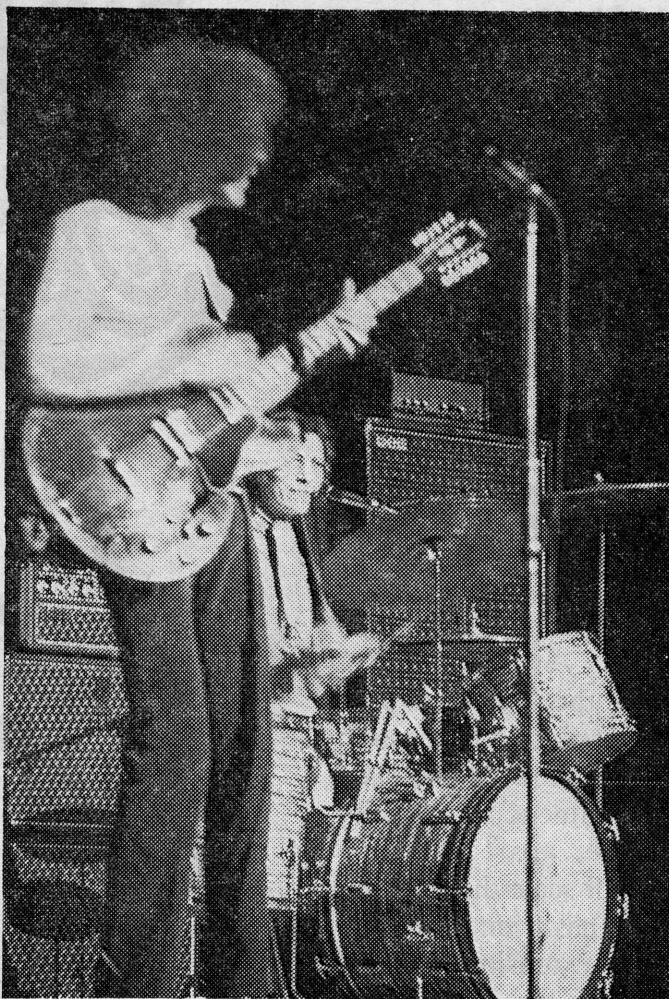
On being asked by *Felix* to explain the abysmal failure of the concert, Ian Jarvis felt that the reasons were many, but basically the failure was caused by the delay in electing the Carnival co-ordinator. It wasn't until early November that he had been able to form his committee, and none of those who expressed a willingness to work for Carnival had had any previous experience of the task in hand.

Following the precedence of previous years, the committee booked the Albert Hall for a concert on February 20th. As in previous years no bill had been arranged for the concert, and it was assumed that the concert would automatically benefit the charity appeal to the tune of £1,000, (Keith Guy, Chairman of Ents, stated to Council that from past experience there was no reason to doubt that a concert in the Albert automatically meant a profit). However, when Jim George, Carnival committee member in charge of the concert, started formulating ideas for the bill, and began contacting professional agents, it was realised that getting star attractions capable of filling the hall would be no easy job.

## American Artiste

As in previous years, the idea of paying an American artiste a fee and expenses to come over just for the concert was put forward (Simon and Garfunkel, Joan Baez and Salena Jones were among those being suggested at this time). Acting on investigations made by last year's committee into the probability of such a move being a success, especially in view of the large sum of money involved, it was decided that this idea was not feasible. The committee were thus restricted to British or Continental attractions. On consulting their agent as to the availability of major European artistes such as Mireille Mathieu, they were informed that none were available on the date in question.

Thus, at this stage, British groups were the only remaining possibilities, and in this sphere it was not long before the committee realised that they were amateurs playing in a professional market. On consulting their agent as to whether Jimi Hendrix was available, the committee were told that he was not interested in appearing at the concert.



After many withdrawals and replacements, the bill was not finalised until three weeks before February 20th (even after that date one group dropped out).

During this time Hendrix had arranged to play two concerts in the Albert Hall during the same week as the Carnival concert, and this really put paid to any hopes the committee may have had in filling the Hall. The box office attraction of every bill, including boxing, following the Hendrix concerts was considerably decreased. Ian Jarvis estimates that the concert would more than have broken even without the counter attraction of Hendrix; the result of the counter attraction was that takings were just £350, as against £1,150 expenditure.

The concert itself was a continuation of the same theme of failure: at the last moment the Nashville Teens backed out, and on the night one group (the Status Quo) spent 20 minutes tuning up and left the stage 2½ numbers later following the collapse of their base-guitarist. The continuity of the concert was so bad that the compere Pete Drummond had to frequently leave the stage to wait for groups to get ready. The only two successes were the East of Eden and the top of bill Spencer Davis.

As to the remainder of this year's carnival, Jarvis denied that the adoption of the National Council has had any bearing whatsoever on the amount of money taken in street collections; in his opinion the letter sent by Council to The Times, expressing concern that people were showing their feelings on the Charity in the way they treated collectors, was not really justified (he was not consulted on the subject). Collections have not brought in as much as last year however, and he is especially critical of the effort one constituent College Vice-President has put into the job of organising collections.

## Walk a success

The organisation of the walk was, in his opinion, rather rushed, but even so the potential benefit to Carnival is in the region of £1,500, although only £400 of this has so far arrived in the Union office. This stunt is an obvious money drawer, and with tighter control of the ensuing funds, should prove just as successful in the future.

The failure of Carnival week to make any impact was due basically to the fact that none of the committee had organised any previous Carnival weeks. The discotheque on the Tuesday coincided with one of Hendrix's concerts, and was completely run by just two people (one of whom was Ian Jarvis). This proved inadequate to cover all the issues involved. A number of girls had entered the Carnival Queen contest merely as a joke, and it wasn't until they were supposed to be parading their talents that the organisers found this out. When Sir Gerald Nabarro turned up to judge the contest, everything had to be rushed through in the 30 minutes he had available. The running of the evening was not helped by students attending Steve Moffat's 21st in Southside Bar pouring into the discotheque and calling those present by a name which appears to be the drunkards phrase of the moment. The financial profit of the evening was a mere £6.

Events lined up for the future, besides the aforementioned Fete, are a swim of the English Channel by Physics 1 (who are at present experiencing difficulty in getting sponsors); a number of concerts in the R.C.M. and a one week arts festival next term.

# FILM REVIEW: 'CANDY IN WONDERLAND' by John Spence

It's one of those films which must give the distributing company's fees section nightmares. And it's a daring director who convenes no less than Burton, Coburn, Matthau, Brando and Aznavour for the execution of his contract — and a clever one to boot who brings it off. "What's new Pussy-cat" probably kicked off the idea, "Those Magnificent Men . . ." succeeded well too, — "Shalako" deployed its million dollars worth of "talent" about as effectively as a suckling brat deploys toilet paper.

In "Candy" (X, Kensington Odeon) the simplest formula possible has been used to reconcile the different talents of the aforementioned 'Top Five'. You just film your action and screen it as a montage—each chapter being given to one of your stars to use to his own gratification. For continuity you use a plot, theme, 'thing', idea (delete whichever does not appeal) or the approximate story of the original book and, of course, the heroine whose acting qualifications must be minimal, so as not to get Liz Taylor jealous, but whose body must be such so as to get every bloke in the place a good ten inches from his eyeballs—frequently! Then, you have a big-deal finale, which everyone's in and where you don't really know what the hell's going on although you reckon it's all quite relevant. The film ends with the same sequence it begun with—full circle—game over.

The fact is, however, that, far from being a hamfisted, Jerry-built affair, "Candy" has ended up a very funny evening's entertainment. I'm told the book by Terry Southern and Mason Hoffenberg is a big send up of pornography — (is it possible?) but the film uses pornography in turn to massacre just about every demagogue and big-screen type hero to which Society is addicted. The send-up of some of the images might be more aptly termed a 'throw-up' but the Freudian theme whereby the hip poet, the combat commando, the neuro-surgeon and the mystic are all toppled from their lofty heights by the sight of a pink nipple, holds everything together. A hand on the wheel of destiny is noble but a finger on Candy's crotch is good-

times a fitting epitaph, even a judgment, and the real life personages which make-up and waffle no more than thinly disguise, will no doubt wince at the sight of their alter-egos flickering before them.

First there's the poet—Macphisto—into whose character Richard Burton manages to instill the more ludicrous aspects of the Henrys, the Bonds, the Posters and the Ginsbergs of this earth. Macphisto—with hair and sash streaming in an ambient hurricane, is the idol of every high-school kid who's dumb enough to dote on the drivel he propagates. Having waxed ominous in all manner of psychedelic verbiage, he entices Candy into his cavernous Mercedes, gets sloshed and attempts to ravage her on the vehicle's glass floor—great photography! "Need, need" he moans as the poor kid's dress becomes delectably shredded and it takes his driver—a negro called Zero—to extricate her from certain defloration. Put another way, her defloration is certain but it takes none other than Ringo Starr, feebly playing Candy's Mexican gardener (hmmmm)—to accomplish it. This done, Candy's Dad and Uncle, both played by Charles Aznavour, see fit to banish her and here we meet image no. 2.

Walter Matthau is Brigadier Al Smight of U.S. Sup. Tech. Paracom. Int. Ltd. (or something) who has, for six years, been flying about in an old Dakota with 24 "All-American Boys" dressed as soldiers ready to "strike" when instructed. Where, who, why, what or when, we do not know, but if Walt's spoof of an inane John Wayne type hero doesn't have you doubled up there's no hope for you.

Next, it's Coburn's turn. He is the neuro-surgeon with more degrees than a thermometer—Dr. Kronkeit—whose brain-surgery is conducted only after a matadors entrance to an assembled multitude issued with programmes, and a battery of T.V. cameras and who gets a kick out of announcing with demur that, with his fingers three inches inside his patient's skull, a sneeze could seriously impair the man's capacity for — digit-dialling! Needless to say he gets a few kicks out of Candy at the "post-operative party".

Next comes a photographer whose current vocation is photographing people saying "No" — and with 120 No's to date in his cassette he naturally gets the rest from Candy. In between he has time to capture for posterity "Man going out of door" and, having been beaten to oblivion by a wicked caricature of an American Cop, he snaps his own epitaph by turning the lens on himself — "Man passing out".

More adventures, more assaults — then, the climax. Brando does a hilarious job as a nomadic (in a ten ton truck) Guru. The seduction this time is more protracted, more subtle and more funny than the rest. The undertones of the Kama-Sutra (convincing acting!) is never left out and the "mystic goal, the final discovery" is, for Candy, exhaustion on the mat and for the Guru—salami and cold beer and an admission to being a reformed mystic!

The finale drags the whole bunch onto the set and to beat music on a "Haight-Ashbury" hillside Candy walks (God knows how) in a transcendent trance to where and for why — nobody tells us.

The idea for Candy, on film at any rate, was born as soon as Lewis Carroll applied quill to parchment and wrote "Alice in Wonderland". The heroines bear little comparison save a pervading air of innocence and sustained exploitation but I surmise Candy to be a more readily discernible comment on the times. As a role in the film, she does bear some scrutiny since, having been called a slut, a tart, a whore, a lecher and a seducer there follows the ultimate ignominy—"and a Teenager". If director Charles Marquand hopes to instigate a move to protect this particular age-group from our perverted culture, a film which is very funny but base and implicitly perverted itself won't do the trick. By its undoubted popularity it will merely show that we, the community, are a lot like the characters in the film—without being so very funny.



Many students, apparently at IC a great minority, feel that life at university should provide an education, as well as, or rather than, just schooling. It was with this in mind that after general publicity of the idea 20 or so people met in Committee Room A to discuss the formation of a completely informal General Arts Group. The discussion was fairly successful and resulted in the group being called Henry (for non-committal purposes) and that there would not be the normal society structure i.e. no membership list, subscription, etc. This was put to S.C.C. who granted Henry £5 for this term to see how successful it became, realising that there was a necessity at IC for an informal "Arts" association where people, inside and outside the College, could come and display their own or others' "art-forms" whether literary, "musical" or visual and to take part in free discussion on any subject that comes under the very general heading of "Art".

# HENRY

So far this term Henry has met every Wednesday in the Union Upper Lounge and the following art forms have been presented and discussed: poetry, community painting, free, expressive movement to modern and classical music, experimental colour photography and experimental publicity (which by the results can be said to be a failure). All these, apart from the poetry, have been only partially successful and on a small scale due to limited facilities and lack of participants. The poetry, however, has been quite successful ranging from synthetic McGonagal through to an extension even of William Burroughs including some sonic poems using tape recordings, etc., and a jazz-and-poetry evening has been attempted with some members of the Jazz Club.

It has also been decided to publish a "magazine", (run on similar lines to the R.C.S. Broadsheet), called BEENO which, of course, is limited to literary and pictorial presentations, but is unedited and as much material is put in as space (and money) allows and if sold in sufficient quantities should gradually increase its scope and content. It should be on sale now.

At the moment Henry has several problems most of which would be resolved if more people came to the Wednesday evening meetings so that (a) there would not need to be such emphasis on standard literary art forms, (b) there would be less of an inhibiting atmosphere (which has only been lacking at two or three meetings), (c) the likelihood of gaining permanent premises (admittedly extremely slight), which is very necessary if anything other than simple creations are to be produced, will be increased the more popular Henry becomes. At the moment Henry is in danger of becoming a clique, this must be avoided; if more people (writers, artists, photographers, actors, etc.) come, Henry will be the success it should be.

## SYMPATHY

Empathy is everything  
People are different  
Everything is subjective  
Objectivity is non-existent  
Everybody is prejudiced

Sometimes against prejudice itself

The whole population of the world would fit on the

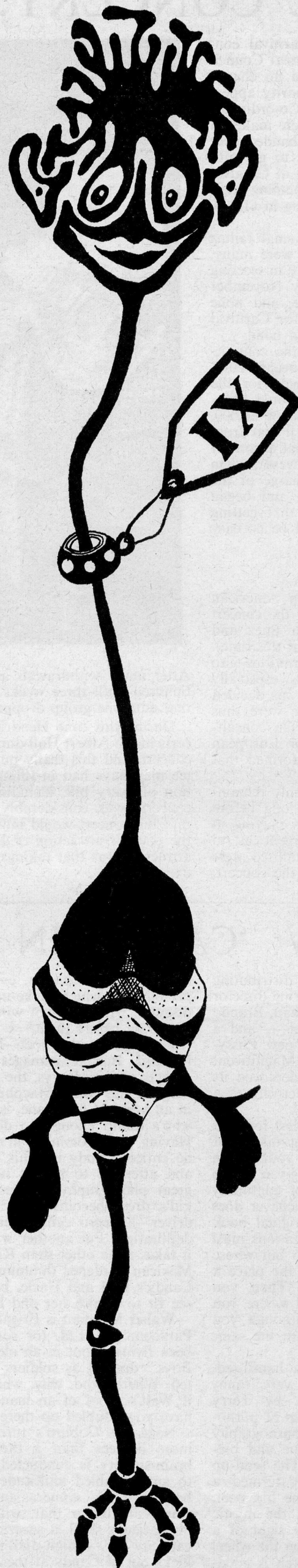
Isle of Wight

27 White polar bears died last December

or was it more

or less

or not.



## ANAESTHESIA

When the box  
stops screaming  
its obscene  
banalities  
and the queen  
fades from view  
and the screen  
regains the air  
of the jungle at night  
I am afraid  
to put out the light  
afraid to look behind me  
lest I am standing there  
a man going blind  
afraid of the dark

in the land of night  
a spark was struck

in the country of sadness  
a child laughed

in the realms of winter  
a zephyr blew

in a desert of stone  
a sweet flower bloomed

in IMPERIAL COLLEGE  
HENRY was born.

## HAIKU

Ash on the floor dies  
Go back onto the toadstool  
It is all soap flakes

Opening a pilchard tin  
A live one pops out  
Onto the wet floor.



# Nine goals in U.L. cup thriller

IC 2nd XI 4, UC 3rd XI 5

This semi-final match was eventually played on a rather muddy pitch after three previous attempts had been postponed. IC attacked strongly in the opening minutes and were unlucky not to go into the lead when J. Nicol hit the post following a good move. This one piece of bad luck seemed to deter the 2nd XI and UC were allowed to come more into the game and opened the scoring with a speculative shot for which the IC goalkeeper was unsighted. UC's second goal came shortly afterwards when a defensive error allowed the centre-forward to score an easy goal.

The second half continued in much the same way with IC having as much of the play as UC but not looking like scoring. The break came when Nicol won the ball in a bounce-up and short first time into the net. Five minutes later R. J. Horlock, heavily disguised as a 2nd XI player, broke through on the right to equalise. IC were now in a commanding position and it was no surprise when A. Richards headed a third goal with the UC defence completely out of position. With only five minutes left to play and IC still in a commanding position they looked set for a place in the final for the second year running. However, UC con-

tinued to attack and following a half-cleared corner the wing half shot through a crowd of players to equalise. The score at full-time was 3-3 and it was decided to play extra time, despite the heavy conditions. After about 10 minutes UC went ahead when an IC defender was caught in possession just outside the box. IC continued to fight back and deservedly equalised when Nicol scored his second goal. In the second half of extra time the play was end-to-end and with both sides tiring it was obvious that the next goal would be the winner. It went to UC when one of their tall defenders rose above the IC defence to head a good goal.

## Ladies Swim Win

On Friday, 21st February, in the first match in the University of London Swimming League at our own pool, the ladies swimming team beat QEC by 33 points to 23. In spite of having one excellent swimmer QEC found the all-round strength of IC too much for them. The medley relay was the most exciting race, QEC taking a 5 yard lead on the first leg only to find themselves trailing by two yards after a good breast-stroke leg by Linda Allan-Rowlanson. This lead was maintained by Jacquie Boardman to give IC a good win. Team: T. Brown, J. Maycock, L. Allan-Rowlanson, L. Campion, J. Boardman, E. Bowker.

Joyce M. Maycock.

## Reading Regatta

The regatta at Reading mentioned in the last issue of FELIX did not go as well as hoped, the first crew being defeated by 2 lengths in their second race. In the second VIIIs event our crew won through to the final where they met Reading University. Reading led by ½ length after the start and increased this to ¾ length after two minutes. However, the IC crew began to close up and at the finish spurted hard and were unlucky to lose by 2ft. Both the Cambridge and Oxford university crews were practising on the Tideway the other weekend and though Cambridge appear neater in their bladework Oxford seem to have much power available.

G. W. Harrison.

## ICWA trounced in UL hockey final

UC 5 IC 1

This year's final of the UL Ladies Hockey Cup was a complete reversal of last year's in which IC beat UC. ICWA's main fault was their lack of co-ordination and teamwork which was demonstrated disastrously in the first ten minutes of the match—the ball was in the IC half practically all the time and UC took advantage of this to score two good goals. IC's play improved after this and the match evened out. The score was 2-nil to UC at half time but IC looked as if they could make a comeback. Indeed soon after the second half IC scored but the goal that really stopped IC followed

five minutes later when the whole of the IC defence watched the UC centre forward slam the ball into the net from a corner. UC were then spurred on to mount a concentrated attack to which IC had no reply and they proceeded to score two more goals giving the final score 5-1. The ISWA team had not played for a month due to the weather but their main downfall was the total lack of teamwork, and if they are to become UL champions again ICWA must learn that the sheer determination that has carried them through in the past cannot replace good teamwork as a match winner.

## Ten Pin Bowlers all at 600's and 700's

Since the last report in FELIX the club has had several matches with a fair amount of success. In the National Universities League there have been only three matches due to an unfortunate cancellation which the opposition claimed as a walkover.

The most recent match was against Bath University. This produced by far the most satisfying match of the whole season—a fitting end to the season in the league. The 1st team for once hit form together, which produced their highest game and series of the session. In particular Trevor Longman broke all the College individual records when he bowled a 237 game and 610 series (173, 237, 200) — a fantastic achievement. He was the first bowler in the College ever to break the 600 barrier. The 1st team there-

fore won 4-0, but unfortunately the 3rds lost 0-4.

Trevor Longman's record was short-lived. Last Wednesday Dave Foster bowled an even more fantastic 720 series (219, 223, 278). The best game included 9 consecutive strikes. This not only beats anything else done at IC, but also beats the ABC Acton's house record of 709.

On 1st February the club entered two teams in a 12-hour marathon bowling competition at Birmingham attended by about 30 university clubs from all parts of the country. The object was for each team to accumulate as high a pin-fall as possible over the twelve hours. The competition was won by Southampton University with a pin-fall of over 18,000, with our 1st team ending in a pleasing 8th position with a pinfall of over 16,000.

## Fierce struggle for 1st XV

National Westminster Bank 9 pts. IC 1st XV 5 pts.

A week ago yesterday, I.C. rugby firsts were honoured by being the first team to play against the newly formed National Westminster Bank first team. An unusually large crowd, including the Rector and Secretary of IC and Mines Hon. Pornographer, braved the bitterly cold conditions to cheer IC on to what was nearly an unexpected victory.

The game began at half-pace, the Bank looking distinctly disjointed and IC distinctly hungover, but soon came to the boil. A scrum infringement just outside the IC 25 gave the bank a 3 pt. lead with a very well taken penalty. This lead was very short lived as IC replied with a remarkable try. Having won a good loose ball outside their own 25, Dave Bell handled at speed, the ball reaching Roy Anderson via Noddy Connolly. Roy, seeing J. Smithies was not feeling too strong, threw a long pass out to Martin Tomlinson who passed his opposite number with great ease, kicked ahead and with John Smith-

ies following up fast to hack the ball on, Martin Tomlinson crossed the line to score. Dave Bell kicked a good conversion. Just before half time the Bank scored a scrappy try.

Half time passed with Johnny Walker all round (spectators only), thanks to a kind-hearted and now peniless Bank Manager. The excitement in the second half was so great that most spectators departed to the bar for another drink.

The second half developed into a fierce struggle — IC having the better of the play but, as has been so common this season, not being able to turn their advantage into a score. A dropped goal completed the scoring for the Bank.

In the U.L. 7-a-side competition on Saturday the 2nd VII were beaten 10-8 in the first round by R.H.C. and the first VII went down 9-8 to U.C. in the next round having beaten Wye College first VII, 13-0.

## 4th win for Jezette

The now perennial pedal car race was held last weekend in Bristol. The race was run this year (efficiently and profitably) by five second year engineers from Bristol, who undertook the organization after the rag committee refused due to the loss incurred last year.

Two teams from RCS and one from Guilds were entered. All of the cars when running performed quite well—'Bo', the Guilds' car, having a little initial trouble with their drive chain. 'Jezette II', now in its fourth year, scored its four and possibly most massive win; it was over two hours ahead of its nearest rival at the end of the race. 'Big Jez', the second RCS car, was running fairly consistently, though slowly, throughout the race.

I would like to congratulate the people who pedalled the winning Jezette, and the members of Guilds' and Big Jez's teams for their gallant efforts, and to tank all those who came down to Bristol to run the pits. Nick Holmes.

# An invitation to students

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If you're approaching your final year—and specialising in science, commerce or engineering—here's your chance to explore and experience the world of industry. And you'll earn about £14 a week.

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# TWO FIRES IN 24 HOURS



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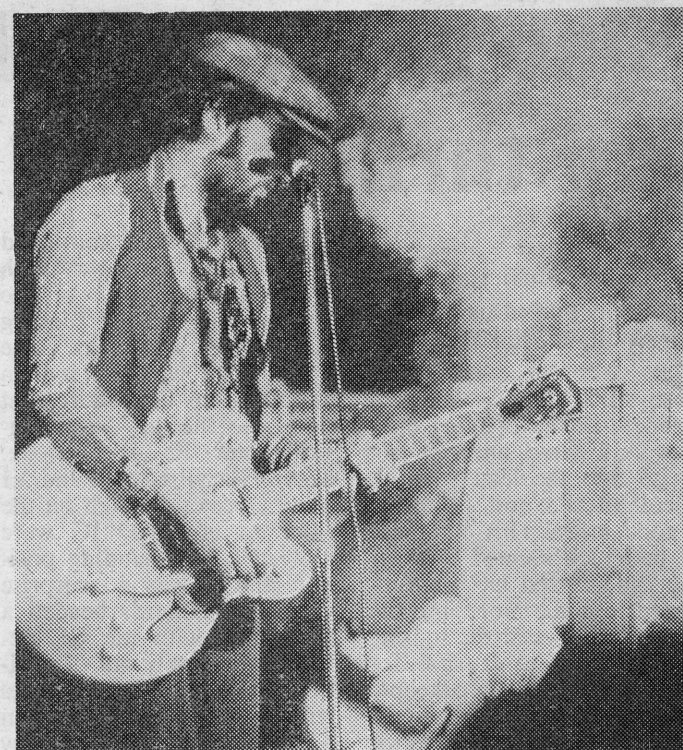
Sleepy residents of 43 and 44 Evelyn Gardens — the latest student house to be occupied — had to make a speedy evacuation when fire broke out at 5 a.m. on the morning of Monday, Jan. 24th. Among those who raced to the street was Steve Haslett, who had just moved in after his Southside room was also fire damaged.

At Bernard Sunley House, a small fire broke out in house 44 under the floorboards of a first floor landing serving 4 rooms, and this house and parts of 43 were soon filled with a dense acrid smoke. After a 999 call, three fire appliances arrived. Some students, awakened by the noise, started knocking up the others, and they were joined by firemen. In the apparent absence of an alarm system, most residents were unaware of the danger until 10 to 15 minutes after the fire was discovered.

Damage caused by the fire was small, as it did not have time to get a hold. A small hole burnt through the floor had to be rather enlarged by firemen in extinguishing the outbreak. The landing was barricaded off and the residents housed elsewhere. Traces of acrid smoke remained for several days.

The fire was caused by an electrical fault, though no official announcement has been made as to the exact cause or whether it could happen again. Some residents have complained about fire precautions in general in the Student Houses. Electrical faults could arise from the overloading of ring mains by the use of unauthorised electric fires in place of the allegedly inefficient and expensive heaters installed. The wallpaper behind some of the storage heaters on the landings is badly charred, and fire escapes are inadequate (including barred basement windows). Most serious of all is the apparent lack of alarms or fire escape procedure.

At least there were bells to ring in Southside when electrical equipment in room 647 burst into flames on the previous Sunday dinnertime and set the curtains alight. Although the resident was away, a friend had the key and the door had been left unlocked, so the fire was speedily dealt with. Burning bedding was thrown out of the window by the fire-fighters, who included Mr. Seaford, and most of Falmouth gallery level was soon covered in feathers. With a badly charred window-frame, the room will be out of action for about 4 weeks.



## JOE COCKER AND THE BONZO DOG

The second concert in aid of the ailing carnival charity funds was not the disaster the first had been. All the expected groups turned up but the hoped for audience was scattered thinly around the circumference of the vast Albert Hall dome.

John Peel did his best to hold the show together when faced with long intervals whilst Spooky Tooth and the Bonzo Dog set up all their

equipment, but while both these put on excellent performances, the night surely belonged to Joe Cocker and the Grease Band, who started rather badly but had changed the whole atmosphere of the concert by the end of their act.

They did this with a mixture of pure energy and a selection of well chosen contrasting songs, which gradually succeeded in bringing the audience over to their side. Fortunately, the Smile, who opened the show after the interval were original enough in their choice of style and material to be entertaining after Joe's act, but the Bonzo Dog were partly spoilt by distorted amplification making a lot of their comedy unintelligible to the majority near the back of the hall. Nevertheless the only other complaint that could be made against the act was the shortage of actual songs and the proliferation of explosions, and they must surely be unique amongst other so-called pop groups.

The show overran for half an hour, and the Bonzo Dog Band decided to donate £60 to cover this, for which we must be grateful, and it is only sad that more people could not turn out to go along and see the concert. Although not the financial catastrophe of the Spencer Davis concert magnitude, a loss of between £100 and £500 was made on this concert.

### Apology

In our report of the RCSU meeting in the last issue of *Felix* we regret that we misrepresented Jeff Warren's speech and accept that he does not believe that the forty students who wrote to Lord Penny tried to masquerade as the whole college. We would also like to apologise to Les Ebdon for suggesting that he was either shouted down or did not know what he was talking about.

### O.S.A. Dance

On 14th March the Overseas Students Committee is holding an International Dinner and Dance. This will include an Indian Curry Dinner, a cabaret featuring Chinese sword dances and Greek bouzouki songs and a Jazz Band. An exhibition of folk art from various countries will form the decoration and National costume or evening dress is to be worn if possible.

## R.C.S.U. nominations

Hustings for the election of next year's RCS President were held on Tuesday, and a full report is in *Felicity*. At the time of going to press, there were two firm candidates for the presidency — Chris Kent and John Butterworth. The former, from Maths 2, is at present R.C.S.U. Rep on Council and also helps on many other committees, while "Butty" chairs the RCS ents committee, responsible for the RCS Carnival Smoking Concert, etc.

Two candidates have emerged for the Vice-President. The better known is Steve Morrisby, who has suc-

cessfully defended Theta for the past few months. The other is Barry Pywell, an emanation from Physics 2, who may be seen playing scrabble outside the lifts on level 3 on a fine day.

Penny Walters, who has done much valuable work as Assistant Secretary, is unopposed for the post of Secretary. Although nominations had closed by *Felix* press date, the exact number of candidates is uncertain, as several sets of nomination papers were stolen from notice-boards.

The R.C.S.U. elections will be held on Monday the 10th of March.

## TEACHING AND LEARNING

The Teaching and Learning Methods Conference will take place on Friday 21st and Saturday 22nd March. Six speakers have been obtained and a provisional programme arranged. The Conference will be opened by the Pro-Rector Lord Jackson and speakers include Dr. Ruth Beard, head of the London University Research unit into Higher Education and Dr. Topping, Vice-Chancellor of Brunel University. Complete programme details will be posted around the Union in the next week. About 40-50 students can attend with at least one from each department (Postgraduates are welcome).

Anyone interested in attending should drop a note in the Union Office addressed to Rex Lowin or Dave Wield.

## Dramsoc again

The Dramatic Society's production for this term will be "The Two Gentlemen of Verona". This little known play by William Shakespeare is the first of his works to be performed by the Society for more than a decade. For some years, the Dramatic Society has attempted to produce one popular and one modern play a year, to cater for a wide cross-section of interests. Last term's play was of the modern school, this term's should appeal to

lovers of traditional drama. "Shakespeare" is often thought to be for culture vultures only, but we believe that this image has developed from abysmally bad school plays and "O" level English Literature; well performed, his plays provide a range of dramatic spectacle ranging from the thrilling to the frothy. If past standards are maintained, this production can only be good and an enjoyable evening is guaranteed for one and all.

You don't have to be an ICWArian to go to the

## ICWA FORMAL

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A limited number of double tickets are available on application to Pam Horrocks, Room 92, New Beit.

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COUNCIL'S TABLED AMENDMENTS

Section

4. Change the name of the Internal Affairs Vice-President to "Deputy President".

Change names as follows :-

The External Affairs Vice-President to External Affairs Officer  
The Academic Affairs Vice-President to Academic Affairs Officer  
The Welfare Vice-President to Welfare Officer

5. Delete "The Academic Officers of the Constituent Colleges" and "Six Representatives elected by and from the Imperial College Union General Meeting".

6. Change "The Halls of Residence and Student Houses Representative" to "The Student Residence Representative".

- 6b Delete "two consecutive" and read "on a college day".

- 6c Insert "Student Residence Representative" in place of "Halls of Residence and Student Houses Representative" and Add immediately afterwards "who shall have been in residence previous to the election for at least one session".

Delete "the Chairman of the Entertainments Committee" ....

- 6g Insert "The Chairman of the Entertainments Committee shall be elected according to the Constitution of the Entertainments Committee This election must be ratified by Council."

7. Change the number of Meetings to 3 times in the Autumn and Spring Terms and twice in the Summer Term.

Change "Extraordinary meetings" to "Other meetings"

- 9a Delete reference to "Imperial College Union Academic Affairs Committee" and "Imperial College Union Finance Committee".

- 16 Change "the properer of the motion shall be responsible" to "the Executive shall be responsible".

Change the Quorum to read "300 Full Members of the Union".

- 17 Delete Section 17. No Quorum General Meetings.

- 10 Insert "Any member of the Executive may call a meeting, which must take place within three College days".

Some of these amendments necessitate changing the wording of later clauses.



LETTER SENT TO FELIX but far too late for inclusion in  
Felicity. This letter appears here neither with the approval nor the  
disapproval of FELIX.

Dear Sir,

The working party on the Reform of the Constitution produced a  
report to Council, some of it based on the referendum, and some of it  
containing more radical alterations suggested by the working party  
themselves.

These ideas should then have been discussed, with the reasons for  
and against, at Monday's Council meeting. Unfortunately, this was made  
more difficult by the absence of some members of the working party.

Those members of the working party who stayed for the discussion  
(and who were a majority of the working party) are now prepared to accept  
a discussion at the Union meeting based on the Council version. We would  
therefore like to point out that the people raising the original report  
are doing so purely as individuals, and not as the constitutional  
reform working party.

Yours sincerely,

R.J.Lovin,  
J.G.Steer,  
J.E.Pearson,  
C.J.Kent,  
G.A.C.Assimakis,

Members of the ex-constitutional  
reform working party.

The amendments passed by Monday's Council meeting appear  
overleaf.



## REPORT OF THE WORKING PARTY ON THE CONSTITUTION

### OF IMPERIAL COLLEGE UNION

The working party was set up at the Joint Council Meeting of 1968 at the request of the Union. The Working party was to examine the By-Laws of the Union and recommend any changes it considered necessary. The Working Party consisted of eight members of Council and two members elected by the Union. Initially the eight members of Council were :-

R. Lowin, Miss J. Pearson, J. Steer, P. Hall, D. Wield, P. Corbyn, C. Kent, and M. Bland. The Members from the Union were L. Ebdon and D. Cooper.

P. Hall resigned before the first meeting and was replaced by D. Corr, who also resigned two weeks before the final report was presented, being replaced by G. Assimakis. M. Bland was chosen as Chairman and D. Cooper as secretary.

We decided at the first meeting that we would not consider the N.U.S. as this would require a separate working party to consider this fully. Letters were sent to 20 Universities and Colleges, asking for copies of their Constitution, two of which were eventually obtained. Letters were sent to various committees and other organisations, requesting evidence, very little of which was forthcoming.

We decided on a number of changes in the structure of the Union which were designed to enable the Union to serve its members more effectively. However, the Union passed a motion proposed by G. Assimakis, instructing the working party to make its recommendations on the basis of a referendum. This left only one week to produce the final report and as a result the constitution we propose may not be ideal. However, we feel that the structure we envisage will greatly improve both the service to its members of the Union and their participation in it.

We recommend introduction of an I.C.U. Academic Affairs Vice-President and putting the Constituent College Academic Officers on Council, because we feel that Council is not at present capable of doing its increasing work in this field. For this reason also we suggest the formation of an Academic Affairs Committee. This will be able to co-ordinate Academic Affairs on an I.C. level and provide valuable interchange of information and experience between the Constituent Colleges. The same view of the Union led us to recommend Department Representatives. We see these as being concerned with Academic matters in their departments with library and study facilities etc., and also representing their departments on Council. Here again this will promote inter-change of information and experience. Also it will provide much needed channels for rapid and direct communication and representation.

In response to the overwhelming demand from the Union for increased democracy (as shown by the results of the referendum) we have recommended the election by ballot of the President and Secretary. Ballot was chosen rather than election by Union Meeting, in order to provide a check on the power of the Union Meeting and a method of appeal to the Union as a whole in time of crisis. We think the election of the Chairman of Ents by the Union Meeting is the only way the ordinary union member could be able to express his views of the type of entertainments organised, in which he is naturally interested. We think that the Halls and Houses rep should be elected by the Union. We are all interested in the running of Halls and Houses, whether we live in them or hope to live in them. We are not very impressed by the standard of Hall Committee elections and do not consider Hall committees a very satisfactory method of electing Council members. We have moved the elections forward to get them away from examinations and have also split them to enable people defeated for posts as officers, to stand for other posts.

continued.....



Imperial College Union has frequently suffered in the past from inquoracy. This has often prevented essential business from being carried out. To overcome this problem we recommend two major changes. One is the lowering of the quorum, except for constitutional changes, at ordinary general meetings. The second is the introduction of the no quorum general meeting. The flow of information and ideas between the Union officers and the Union floor at present could be considerably improved. This can be done by the holding of termly meetings at which officers must present reports. These meetings will be so arranged that those interested will always be able to hear and discuss these important matters. The six weeks warning of dates and two weeks notice of all matters to be discussed will ensure that all union members are fully informed of what is coming up. Better communications are ensured by the specification of publicity and notification of meetings.

We add two major sub-committees of Council. The House Committee already exists, chaired by the Deputy President (renamed the Internal Affairs Vice-President), and is merely the equivalent of an Internal Affairs Committee. The work it does is a load off Executive members. The Finance Committee is new and will enable a small group to look in some detail at annual estimates and extraordinary grant requests. It will also enable I.C.U. to be able to discuss the general trend of spending. This information will greatly help Council to be more effective stewards of our money.

Apart from these major changes, there are a number of minor changes to bring the By-Laws up to date, which we are not amplifying in this preamble and we feel speak for themselves.

Concerning sabbatical years, we do not think that we have considered this nearly fully enough to make any recommendation. We suggest Council sets up a fresh Working Party to discuss this very complex issue.

Martin Bland  
Chairman of Working Party on  
Constitutional Reform.

2.3.69.



RECOMMENDED BY-LAWS FOR THE IMPERIAL COLLEGE UNION

1. Objects

The Imperial College Union (referred to hereafter in these By-Laws as 'the Union') has for its objects :

- a. The promotion of social intercourse between present and past students and academic staff of the Imperial College.
- b. The encouragement of interest by students in matters outside the College curriculum, especially cultural and athletic interests.
- c. The provision of a corporate body of students of the Imperial College to represent and to safeguard and advance the interests and welfare of the students of the Imperial College.

2. Membership

Membership of the Union shall be of five grades :

- a. Full Membership. Registered students of Imperial College and research assistants who are not members of the College Senior Common Room, shall be Full members of the Union. Full members shall be entitled to the use of all facilities and amenities provided by the Union.
- b. Life Membership. A person shall be entitled to become a Life Member of the Union if :

He is a member of the academic teaching staff, or

He is a member of the administrative staff and university trained; such application to be subject to the approval of Council, or

He has been a full member of the Union for at least one complete session.

The subscription for Life Membership of the Union shall be :

£2.1 . for old students at any time after the completion of at least three sessions.

£3.15 . for other old students

£3.15 for other members of the staff, if eligible.

Life Members shall be entitled to the use of all facilities and amenities provided by the Union, with the exceptions that they shall not represent Imperial College in any team or vote.

- c. Honorary Membership. The Council shall have the power to elect as honorary members of the Union, without payment of subscription, persons of special distinction or persons who have conferred some special benefit on the Union. Honorary members shall be accorded privileges defined at the time of their election.
- d. Temporary Membership: Old students and academic staff on short-time attendance may become temporary members of the Union for a period voted by Council, upon payment of £0.25 per calendar month, or part thereof, or for the period of one term and the ensuing vacation, upon payment of £0.5

Old students, part-time students and members of the academic staff may become temporary members upon the payment of £1.5 . . annually.

Temporary members shall be entitled to the use of the Lounge and Refectory facilities only. Temporary members shall not be entitled to vote for any officer of the Union or Union Club or society, neither shall they hold any such office. Temporary Members shall not represent Imperial College in any team.

continued.....



Membership continued.....

2.

- e. Reciprocal Membership. Members of other Universities and Colleges which have signed a Reciprocal Membership Agreement with Imperial College Union shall be granted use of such facilities and amenities as shall be written into the Reciprocal Membership Agreement.

3.

Subscriptions.

All membership subscriptions are payable in advance.

4.

Officers.

The Officers of the Union shall be :

The President  
The Honorary Secretary  
The Honorary Treasurer  
The Presidents of the Constituent College Unions,  
who shall be Vice-Presidents of the Union  
The Internal Affairs Vice-President  
The External Affairs Vice-President  
The Academic Affairs Vice-President  
The Welfare Vice-President  
The Chairman of the Athletic Clubs Committee  
The Chairman of the Recreational Clubs Committee  
The Chairman of the Social Clubs Committee  
The Chairman of the Entertainments Committee  
The Chairman of the Silwood Park Committee  
The President of the Women's Association.

5.

Management

The management of the Union shall be vested in a Council, which shall be elected annually and consist of :

The Officers

One representative each from :-

The Department of Aeronautics  
The Departments of Botany & Plant Technology, Zoology  
and Applied Entomology  
The Department of Chemical Engineering & Chemical Technology  
The Departments of Chemistry & Biochemistry  
The Department of Civil Engineering  
The Department of Electrical Engineering and the Centre  
for Computing and Automation  
The Departments of Mathematics and Meteorology  
The Department of Mechanical Engineering  
The Department of Metallurgy  
The Departments of Mining & Mineral Technology and Geology  
The Departments of Physics and History of Science and Technology

One representative from each of the Constituent College Old Students Associations

The Academic Officers of the Constituent Colleges

Six Representatives elected by and from the Imperial College Union General Meeting

The Halls of Residence and Student Houses Representative

continued.....



6. Elections

- a. The Honorary Secretary shall be the Returning Officer for all elections under clauses 6b 6c and 6d of these By-Laws. In the event of the Honorary Secretary wishing to take part in an election, an acting Returning Officer shall be elected by Council.
- b. The President and Hon. Secretary shall be elected by ballot of the Union, to be held in the Spring Term of each year before the final Union General Meeting of that term.

In the event of a vacancy occurring for one of these posts, an election shall be held within 3 College weeks. Council shall have the power to appoint an acting President or Hon. Secretary pending the election.

All members of the Union shall be entitled to nominate candidates, who shall be Full Members of the Union. Nomination forms shall be posted 15 College days before the election and nominations shall close 5 College days before the election. Each nomination shall include the names of the proposer and 20 seconders. In the event of there being no candidate for a post, the nominations shall remain open until a candidate is nominated. Nominations shall then remain open for a further three College days after the first nomination. An election shall be held after a further 5 College days.

In the event of there being only one candidate for a post after nominations have closed, he shall be declared elected. In the event of there being more than one candidate for either post a hustings shall be held between the closure of nominations and the election. The ballot shall be open from 10 a.m. to 5 p.m. on two consecutive college days. A member of Council who shall not be a candidate or proposer, shall be at each ballot box at all times when the ballot is open. The positioning of ballot boxes shall be at the discretion of the Returning Officer. The Single Transferable Vote system shall be used.

- c. The Internal Affairs Vice-President, the Welfare Vice-President, The External Affairs Vice-President and the Academic Affairs Vice-President, shall be elected by and from the last Union General Meeting of the Spring Term. The Representative from the Imperial College Union, the Chairman of the Entertainments Committee, the Halls of Residence and Student Houses Representative and the University of London Union Agent shall be elected at the first Union General Meeting of the Summer term.

All members of the Union shall be entitled to nominate candidates, who shall be Full Members of the Union. Nomination papers shall be posted 10 College days before the election and nominations shall close after 8 College days. Each nomination shall include the names of the proposer and 10 seconders.

In the case of a vacancy occurring for any of these posts, nomination papers shall be posted within 5 College days. The election shall take place at the first Union General Meeting after nominations have closed. Council shall have the power to appoint acting officers pending the election, except in the case of the Representatives from the Imperial College Union. In the case of there being no candidate for any of these posts, nominations be accepted at the Union General Meeting. If no nominations are received at the Union General Meeting, nominations shall remain open until a candidate is nominated and then until the next Union General Meeting, at which any further nominations shall be received and an election held.

The election shall be carried out by paper ballot. In the case of the Internal Affairs Vice-President, the Welfare Vice-President, the External Affairs Vice-President, the Academic Affairs Vice-President, the Chairman of the Entertainments Committee, the Halls of Residence and Student Houses Representative and the University of London Union Agent, the Single Transferable Vote system shall be used. For the Representatives from the Imperial College Union, each member shall have six votes. No member may cast two votes for the same candidate. The election shall be decided by simple majority.

continued.....



Elections continued.....

- 6d. The Imperial College Union Department Representatives shall be elected by ballot during the Spring Term. Members may only stand or vote for the post of Representative of their own Department as listed in Clause 5. In the event of a vacancy occurring for one of these posts, an election shall be held within 4 College weeks.

Nomination forms shall be posted in the Department 10 College days before the election and nominations shall remain open for 8 College days. Each nomination shall include the names of the proposer and 10 seconders. In the event of there being no candidate for any post, nominations shall remain open until a nomination is received. Nominations shall then remain open for a further 3 College days after the first nomination. An election shall be held after a further 5 College days.

In the event of their being only one candidate for a post after nominations have closed, he shall be declared elected. The ballot shall be open from 10 a.m. until 5 p.m. on one College day. The organisation of the ballot shall be at the discretion of the Returning Officer. The Single Transferable Vote system shall be used.

- e. In elections under clauses 6b, 6c and 6d, canvassing shall be allowed but posters and other publicity shall not be displayed until nomination forms are posted.

- f. The Single Transferable Vote system shall work as follows :-

Each voter shall list the names of all candidates on his ballot paper in order of preference. One vote shall be allotted to the first choice on each ballot paper. The total number of votes for each candidate is counted. If one candidate received more than half of the votes, that candidate is elected. If no candidate receives more than half the total votes the candidate (or candidates) with the lower number of votes is excluded from the Count. The votes cast for candidates so excluded are then allotted to the second choice on each ballot paper and the total number of votes for each candidate counted. If one candidate now has received more than half the total number of votes, that candidate is elected. If not, the count proceeds as before with a further candidate being excluded. This continues until a candidate receives more than half the votes, that candidate being elected.

A 'College day' is defined as a weekday during term time. A 'College week' is a week during term time.

- g. The Presidents of the Constituent College Union, the President of the Imperial College Women's Association, the Chairman of the Imperial College Union Athletic Clubs Committee, the Chairman of the Imperial College Union Recreational Clubs Committee, the Chairman of the Imperial College Social Clubs Committee, the Chairman of the Silwood Park Committee and the Representatives of the Old Students' Associations shall be elected according to the Constitutions of the respective Organisations, before the Joint Council Meeting.

- h. The election of Officers and Representatives under clauses 6b, 6c and 6d of these By-Laws for the session 1969-70 shall take place in the Summer Term and not at the times laid down in these clauses. The dates of elections shall be decided by Council, otherwise the elections shall take place as under clauses 6b, 6c, 6d, 6e and 6f. Clause 6h shall be automatically deleted from these by-laws on the 1st day of August, 1969.

#### 7. Council Meetings

Ordinary meetings of the Council shall take place at least 4 times in the Autumn Term, 4 times in the Spring Term and 3 times in the Summer Term. The Agenda shall be publically posted and circulated to all members of Council at least one week before the meeting. Ordinary meetings shall be convened at the discretion of the President.

continued.....



Council Meetings continued.....

Extraordinary meetings of the Council may be called within 7 days of the receipt of a petition from 10 members of the Council. The President shall be ex officio Chairman of all Council meetings. The quorum for all Council meetings shall be 22.

8. Terms of Office

The Council shall be in office from the first day of August to the 31st day of July of the following year. The last meeting of Council in the Summer Term shall be a joint meeting of the new and retiring Councils.

9. Sub-Committees and Commissions

a. Major Sub-Committees.

The major sub-Committees of Council are the :-

Imperial College Union Athletic Clubs Committee  
Imperial College Union Recreational Clubs Committee  
Imperial College Union Social Clubs Committee  
Imperial College Union External Affairs Committee  
Imperial College Union Welfare Committee  
Imperial College Union Academic Affairs Committee  
Imperial College Union House Committee  
Imperial College Union Finance Committee

The clubs and societies of the Union shall be administered by the Athletic Clubs Committee, the Recreational Clubs Committee and the Social Clubs Committee, who shall appoint officers according to their Constitutions.

The External Affairs Committee, Welfare Committee and Academic Affairs Committee shall be elected according to their Constitutions. The External Affairs Committee shall investigate and give advice on all matters external to the College affecting the students of Imperial College. The Welfare Committee shall investigate and recommend improvements on all matters affecting the welfare of students of the Imperial College. The Academic Affairs Committee shall investigate and recommend improvements on all matters affecting academic affairs in the Imperial College. The House Committee which shall be elected according to its Constitution shall concern itself with the running of the Union building and other such internal matters. The Finance Committee, of which the Honorary Treasurer shall be a member, shall investigate and give advice on the finances of Imperial College Union. The Finance Committee shall be elected according to its constitution.

b. No alteration may be made to the Constitution of a major sub-committee without the approval of Council.

10. The Executive Committee

The President, the Honorary Secretary and the Vice-Presidents shall form the Executive Committee, 4 members shall form a quorum. The Committee shall meet as required. It shall concern itself with co-ordination and matters of urgency only. At each meeting of Council, the Honorary Secretary shall report on all action taken by the Executive Committee.

continued.....



11. The Entertainments Committee

The committee shall consist of a Chairman, elected at a Union General Meeting and members as stipulated in its Constitution. The object of the Committee shall be the organization and co-ordination of Imperial College Union entertainments.

12. Silwood Park Committee

The Silwood Park Committee of Imperial College Union is elected according to its constitution for the purpose of managing Union activities at Silwood Park Field Station.

13. Other Sub-Committees

The Council shall have power to appoint such additional subcommittees and commissions as it may from time to time consider necessary. No such committees shall be empowered to authorise expenditure, unless specifically instructed. The President and Honorary Secretary shall be ex officio members of all such Committees and Commissions.

14. Ex Officio Members

The President and the Honorary Secretary shall be ex officio members of all Imperial College Union Sub-Committees and Commissions.

15. Representation on Joint Committees

Imperial College Union Council is responsible for the election of Union Representatives, who need not be members of Council, to Imperial College Joint Committees and other bodies, except where the Union General Meeting shall accept such responsibility or where this responsibility is delegated by Council to a Sub-Committee. The decisions and findings of these committees shall be communicated to Council by these representatives and also to the Union General Meeting if so directed.

16. General Meetings

At least two general meetings of the Union shall be called in the Autumn and Spring Terms and one in the Summer Term. Notice of all such meetings shall be posted 10 College days in advance and the agenda posted at least 4 College days in advance (in each building occupied by the Union and in each Department of the College). The Agenda shall contain the wording of each motion.

At least 5 College days notice shall be given of any motion to be proposed at a General Meeting. Other Motions shall be accepted at the discretion of the Chairman. In this event the proposer of the motion shall be responsible for posting the wording of his motion (in each building occupied by the Union and in each Department of the College) before the General Meeting, unless the motion is accepted on the day of the General Meeting in question.

Opportunity shall be given at each General Meeting for discussion of Council decisions. A list of Council decisions and actions shall be posted prior to the meeting.

continued.....



General Meetings continued.....

A quorum shall consist of 200 Full Members of the Union except for Constitutional changes when the quorum shall be 300 full members of the Union. Council shall have the right to call General Meetings.

17. No Quorum General Meetings

One no quorum General Meeting shall be held each term. At least 6 College weeks notice of such a meeting shall be given.

The President, the External Affairs, Internal, Welfare and Academic Affairs Vice-Presidents and other Union officials as they, or the Union Meeting wish, shall give progress reports at such meetings.

The Annual General Meeting of the Union shall be a No Quorum Meeting. At this meeting the President's Report and the Reports of the Chairmen of the External Affairs Committee, the Welfare Committee, the Academic Affairs Committee, the Athletic Clubs Committee, the Recreational Clubs Committee and the Entertainments Committee and of the Carnival Co-ordinator shall be presented. This meeting shall be held in the Summer Term.

No Quorum General Meetings shall be closed 10 minutes before the beginning of afternoon lectures, unless there are 200 members present who wish to continue the meeting. If the meeting is continued it shall be closed as soon as there are less than 200 members present.

At least 2 College weeks shall be given of any motions to be proposed at a No Quorum General Meeting. The Agenda of a No Quorum General Meeting shall be posted at least 7 College days before the meeting and cannot afterwards be amended. The Agenda shall include the wording of each motion.

18. Extraordinary General Meetings

An Extraordinary General Meeting may be held at any time on receipt by the President of a petition signed by not less than 130 Full Members. Such a meeting shall be held not less than 2 College days and not more than 12 College days after the receipt of the petition. The quorum for such a meeting shall be 300.

Other motions for an Extraordinary General Meeting shall be accepted at the discretion of the Chairman. In this event the proposer of the motion shall be responsible for posting the wording of his motion, before the meeting unless the motion is accepted on the day of the meeting.

19. Publicity for Union Meetings

The Publicity Officer and his Assistants shall be responsible for producing and placing publicity in each building occupied by the Union and in each Department of the College during the full period for which notice of the meeting is given. For all General Meetings, Extraordinary General Meetings and No Quorum General Meetings, agendas and motions accepted in advance and for all General Meetings and No Quorum General Meetings, reports of the decisions and actions of Council shall be posted in all buildings occupied by the Union and in all Departments of the College and copies shall be sent to all Year Representatives and Imperial College Union Department Representatives.

continued.....



20. Administration of Finance

The Finance of the Union shall be administered by the Imperial College Union Council, with the advice of the Finance Sub-Committee, which shall allocate grants to the major sub-committees and authorise other Union expenditure at its discretion or as authorised by a Union Meeting.

21. Accounts

The Annual Statement of Accounts and Balance Sheets of the Union shall be in respect of the year ending 31st July and shall be audited by the College Auditors.

The Balance sheets, previously displayed for one week, shall be presented at the first General Meeting of the autumn term by the Honorary Treasurer.

The Audited Accounts of the Union shall be presented to the Governing Body of the Imperial College through the Rector before the end of October following each financial year.

22. Union Buildings

The Governing Body have set aside, free of rent, certain rooms for the use of the Union. These rooms are listed in the Appendix.

23. Opening of Union

The Union Buildings, with the exception of the Bar, shall be open during term from 8 am till 11 pm on week-days and from 9 a.m. till 11 pm on Sundays, unless the permission of the Executive Committee is given for an extension. During vacation, except for the month of August, not more than 12 days at Christmas and not more than 12 days at Easter, it shall normally be open.

24. Discipline

a. The Council shall be responsible for the maintenance of discipline in premises occupied by the Union. The Internal Affairs Vice-President shall make arrangements for at least one Full Member of the Union to be on duty in each building occupied by the Union during every evening in term time on which the Union premises are open. No betting or gambling shall be allowed in any part of the Union buildings.

b. Members of the Union are responsible for the behaviour of their guests.

c. Council has the right to suspend any member or members of the Union from any or all privileges or to expel any member.

25. Payment for Damage

The Council may call upon any member or members of the Union to make good any wilful damage to the Union's premises or appurtenances.

General

26. Imperial College Women's Association

All women students shall be members of the Imperial College Women's Association and the Association shall be run according to its Constitution. A portion of the Union buildings shall be set aside for the use of the members of the Imperial College Women's Association.

No alteration shall be made to the Constitution of the Imperial College Women's Association without the approval of Council.



27 Refectory Club

All members of the Imperial College Union are members of the Imperial College Refectory Club.

28 Ownership of Property

The equipment purchased by any Club or Society in the Union shall be the general property of the Union who shall be responsible ultimately for maintenance and protection. An inventory of all Union property shall be drawn up at the end of each financial year.

Clubs and Societies shall not hire Union property from one Club or Society to another

29 Union By-Laws

No alteration in the By-Laws of the Union shall be made without the approval of a two-thirds majority at two consecutive General Meetings held not less than one College month apart.

The details of the appendix may be altered by Council.

30 A copy of these By-Laws and an appropriate membership card shall be supplied to each member.

AGREED AMENDMENTS

Section

2b Delete figures for Life Membership Subscriptions and insert "as set out in Appendix 'B' ".

6b After "positioning of ballot boxes" insert "and the indentification of voters".

6i As 6d in the current Constitution plus "this appointment shall be reviewed every three years".

7 Extraordinary meetings of Council may be called.....  
Delete 'may' and insert 'must'.

12 & 13 Write, Sub-Committees, Working Parties and Commissions

16 Insert "at least" before "one in Summer Term".

22 Insert "These rooms are listed in Appendix 'A' "

31 A new clause. All By-Laws previous to this, the 6th day of May 1969, shall be null and void.