

Snip, Snip, Snip

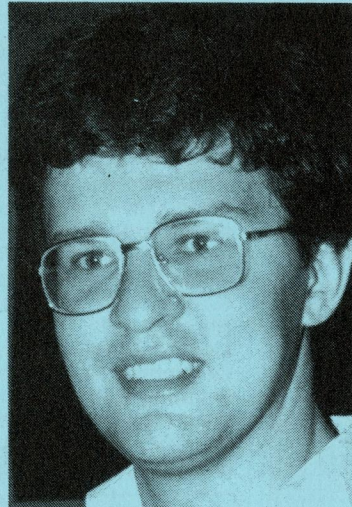
Union Finance Committee has decided on a programme of cuts to save £2,650 from the proposed Union budgets for next year at a meeting last Friday. The cuts are needed because one Union's proposed expenditure for next year exceeded expected income by a substantial amount.

UFC have:

- Cut contingency from £6,000 to £4,000
- £3000 has to be found from the current transport budget of £8000 to contribute to the new minibus. This will result in increased hire charges next year.
- Cut almost all of the Union's subsidy of alcohol. There will be no subsidy for the Constituent College Unions (CCUs) to buy beer, no subsidy for Real Ale Soc to buy beer and Wine Tasting Soc's subsidy of wine will be cut to 20%. This will save £1500.
- Decided the Union should budget for a deficit of £2000-£3000 which they hope will be met from increased bookshop income and money unspent at the end of this year.
- agreed that Canoe Club should cut its budget by £650.
- Cut the CCUs by £1500. It has been suggested that most of

this money should be raised by the closure of the CCU rifle and pistol clubs.

●Cut the Major Sub Committees (MSC) by £500. £150 of which



Dave Kingston: 'The meeting went fairly well'

will be cut from Recreational Clubs Committee (RCC), £100 will be cut from Athletics Clubs Committee (ACC) and Publications Board and £50 will be cut from the other MSCs.

- Cut the other Union committees (including welfare,

external affairs, rag, etc) up to £500.

It had been initially suggested that UFC might decide to completely cut several high spending clubs. A number of clubs under threat were asked to justify their spending to the meeting. Royal School of Mines Union (RSMU) president Dave Pearce proposed that yacht, balloon and gliding should be closed. Social Cultural and Amusements Board (SCAB) Chairman Nick Shackley proposed that the meeting should go into closed session while Mr Pearce's proposal was being discussed. It was finally defeated although the vote was described as being fairly close.

Deputy President Dave Kingston told FELIX that the 'meeting went fairly well'. He said that it had adopted the most business like approach of any Union meeting this year. The members of UFC went in with the attitude that they had to decide there and then where the cuts were to be made.

Recreational Clubs Committee Chairman Tim Palmer said that the meeting went far better than it could have. 'I was very pleased that they didn't start cutting clubs' he said.

Second Time Around

Departments have been asked to introduce September resits for second years. In the first report of the Undergraduate Studies Committee. The report, which will be presented to the Board of Studies on June 25th, contains a number of other recommendations for major changes in the way undergraduate courses are run. The Undergraduate Studies Committee, which includes among its members academics, ICU president Carl Burgess and the CCU AAOs, was set up to look at ways of improving undergraduate education.

The report says that 'many students who resit in September after 'failing' their first year examinations, subsequently achieve a creditable honours degree. It concludes that the lack of second-year September

resit examinations leads to unnecessary failures and also wastes students' time.

Engineering departments have been asked in the report to look at ways of reducing failure rates. It recommends the engineering departments look at ways of adopting a course unit system similar to that adopted in many science subjects this would mean that students were not required to pass every single part of their course.

The total work load placed on a student should be limited to about forty hours a week- according to the report which suggest that organised learning time should be around twenty hours and students should be doing about ten to fifteen hours of solid work such as writing essays.

Other recommendations of

the report include:

- The introduction of a certificate of teaching excellence that would be awarded annually to not more than 30% of academic staff and that would be an important factor in promotion.
- The introduction of courses in learning skills
- The introduction of a College-wide rating of teaching.

ICU President Carl Burgess described the report as the best that could be achieved in the time available. 'Some of the proposals are fairly radical' he said 'but they are necessary'. He predicted that there would be a lot of heated discussion at Board of Studies. He hoped, though, that 'reason will win out'.

ICU Academic Affairs Officer J Martin Taylor said that the committee recommendations 'seem like good common sense proposals that should have been adopted years ago. I remain sceptical about whether they will result in significant changes'.



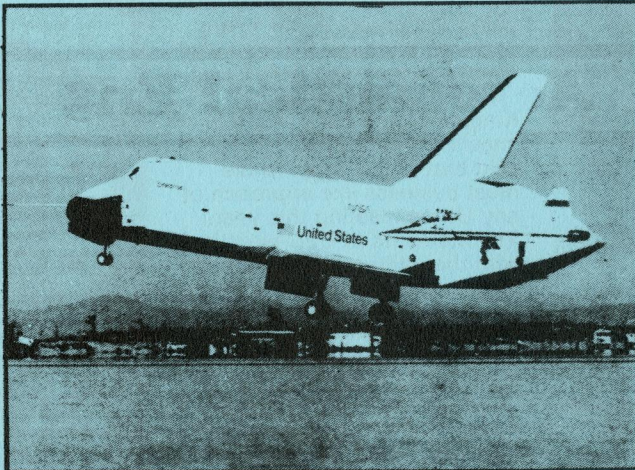
Editorial

There are only two FELIXs left until the end of term. That means if you want to get any opinion articles, letters, articles on your clubs etc you've only got two more chances before the end of term. Take the opportunity to tell the students of Imperial College what's bothering you. Letters and opinions should be in by 1.30pm on Monday for next Friday's issue and 1.30pm on the final Monday for the last issue of term.

Reports

In the light of comments made to me last week I thought that I'd better justify the editorial on the AGM. The aim of the editorial was not to criticise Carl Burgess, Dave Kingston or Pete Wilson for expressing their views. I can hardly criticise people for that when I write an editorial ever week. My comments were aimed at

the whims of a few Union politicians. This essentially means that if cuts are to be made, it's the clubs, societies and CCUs who have to be cut. The Union has no policy on what criteria should be used to make these cuts. For the last two years transport has been picked upon as an easy target. When you cut transport no club is seen to be savaged so each of the



Form a Space Shuttle Club and get a grant to fly into space.

praising the AGM for being consistent in refusing to accept personal opinions in reports. If Carl, or the others want to express their opinions in an article or letter I will be more than happy to accept it and print it.

Union Cuts

For the third year in a row Union Finance Committee has been forced to scrape around to find over £10000 to cut off the budgets of the clubs, societies and CCUs. This problem seems likely occur next year. The problem is that the Union has very few well defined financial priorities. It is generally accepted that office costs (primarily staff wages) can not be cut as these are fixed by College and not subject to negotiation between the Union and its staff. This obviously is the correct thing to do since the permanent staff's pay should not be subject to

Major Sub Committee Chairmen can go away and tell their clubs that they've been saved. In practise though these cuts in transport have severely hit the sports and recreational clubs. Sports clubs like rugby and recreational clubs like mountaineering require their members to spend most weekends pursuing their activities. The cut in transport funding mean that they also require their members to spend a large amount of money pursuing their interests. In the near future one of these clubs that requires its members to spend large amounts on transport may close because of the cuts. Then all the recent fine words saying that the Union should try and support every club will be seen a worthless.

I believe that UFC should not be afraid of prioritising certain clubs even if it

means other clubs close. The Union can not be expected to support every club. If the Union attempted to support every club I could form a Space Shuttle Club and expect the Union to support my club's attempt to build a Space Shuttle.

UGC

Many Imperial Departments will be relieved by the news they've been marked as outstanding by the UGC. Many parents around the country must be considering trying to persuade their children to go to Imperial as a result of this boost to ICs image. Unfortunately what few of these parents realise is that the ratings include no assessment of the undergraduate course. Research at IC may well be wonderful but it doesn't mean that IC runs good undergraduate courses. Good researchers are not necessarily good teachers. IC has made real efforts (through the Undergraduate Studies Committee as much as anything else) to improve teaching at IC. I hope that the UGC marks won't result in Undergraduate Studies

Committee work being ignored.

The recent report of the USC is one of the most sensible documents to have been produced at IC in years. It has made some excellent recommendations that if adopted, should result in real improvements in the undergraduate courses. I hope that departments don't rest on their laurels but take the report to heart.

Cornish Tin

Anyone interested in saving Cornish tin should go to the FELIX office or the CCU offices and sign the petition.

Festival Eye

The Stonehenge magazine, Festival Eye, is on sale in the FELIX office price 70p.

CREDITS

Thanks to J Martin Taylor for organising collating while I went to a dinner, Judith Hackney and Chris Edwards for spending hours on their parts of the issue, Dave Jones, Ian Thomas, Jon Burgess, Simon Lewis, Jim Clayden, Rosemary Hosking, Tony Churchill, Dave Rowe, Aaron Kotcheff, Jane Spiegel, Bill Goodwin, and everyone I've forgotten.

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LETTERS

Undergraduate Studies Defended

Dear Sir

The first two paragraphs of Mr J Martin Taylor's report as Academic Affairs Officer make an unwarranted attack on the conduct of the Undergraduate Studies Committee, and the preparation of its first annual report. He alleges that publication of the Committee's report was delayed so that its conclusions could be 'watered-down so as to stand any chance of being accepted by the Board of Studies'.

Three student members were present at the last meeting of the Committee. The final form of the report was agreed by the Committee without any dissent (apart from small

drafting points which they agreed to delegate to me). The report has been sent to all Heads of Departments, Senior Tutors and Directors of Undergraduate Studies. It has been issued now to allow about a month for discussion before the Board of Studies consider it. Any member of the committee will confirm that not unauthorised changes have been made.

There is no foundation for the statement about watering down the report. There is no occasion for any of the complaints in the second paragraph ('it's the same old story...Academics are still too stuck in their comfortable ways to make any hard decisions about the future of higher education').

One of the most encouraging features of the Undergraduate Studies Committee has been the

(continued from page 2)

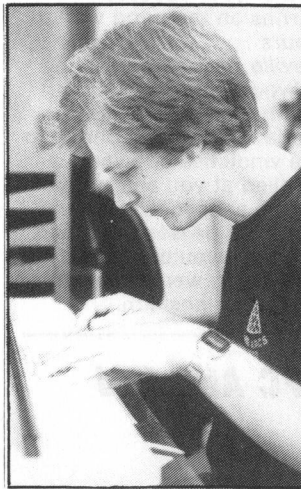
positive and constructive co-operation between students and staff in addressing themselves to the extremely difficult problems of undergraduate teaching in the 1980's. We have written a report which may be considered radical, but which points towards some practical routes to improvement in our teaching, which is already compared favourably to other UK universities. It has been sent out as we wrote it, and I hope students and staff will discuss the issues it raises as widely as possible.

Yours sincerely
David Blow
Chairman, Undergraduate Studies Committee

J Martin Lookalike

Dear Sir,
Have any of your readers noticed the incredible similarity between Chelsea and England superhero J Martin Taylor and FELIX-superhack Kerry Dixon. I wonder if they are by any chance related?

Yours
Ken Bates
(pp Adam Jefferson DOC 3)



Kerry Dixon



J Martin Taylor

AIDS: Why FELIX Got It Wrong

Dear Hugh,
This letter concerns the article that appeared in FELIX two weeks ago (16th May) on the subject of AIDS (Acquired Immune Deficiency Syndrome). Despite the fact that I, and other Biochemists/Medics who read the article felt it to be poorly written, it is perhaps more important to correct the inaccuracies and comment on some of the matters not raised.

White Blood Cells (WBC), and particularly T-Lymphocytes, which are those cells specifically infected by the AIDS virus, are not produced in the Thymus, which it should be noted is not found in the neck. As the article later suggested, WBC originate from precursor stem cells in the bone marrow. Unfortunately this was not the only example of misleading journalism.

Cure versus vaccine? At the present time the advances being made tend to suggest that a cure is the more probable of the two. Various drugs that inhibit an enzyme (Reverse Transcriptase) specific to the AIDS virus which is not utilised by the human metabolism are undergoing trials. However, it is very important to be aware that a miracle cure is unlikely in the near future.

Government spending on AIDS and all its related problems is minimal. One page advertisements in the national press warning of the danger of AIDS are not

going to save lives. Although no figures exist, a virulent strain of the virus causing AIDS (HTLV III) has claimed the lives of large numbers of men and women in central Africa. Since the virus is thought to have originated in this area of the world, it is likely that the growth of spread of the disease is more advanced than in the UK or the USA. That could mean that millions are infected. Too often articles on AIDS forget the Southern Hemisphere.

The most well-informed group dealing with AIDS in this country is the Terrence Higgins Trust (THT). The THT was set up to: 'inform, advise and help on AIDS'. At the present time the THT suggests the following data: Between 20,000 and 50,000 people are infected with the AIDS virus in the UK. The number in the USA is thought to be close to 2 million. 10 to 15% of those infected go onto develop AIDS, and of these, close on 100% die. 15% of those infected suffer from AIDS related symptoms. The remaining 70% are alive and well. This information raises three important points:

Firstly, whether or not all those infected are aware of the fact and are taking necessary precautions to prevent spread of the AIDS virus.

Secondly, how meaningful any application of statistics can be when the sample number is so small and thought to be so non-randomised. How many married homosexual men, bisexual men or men 'secretly' practicing homosexual acts are infected?

Thirdly, the emotional suffering of those people

who have been tested for the presence of antibodies to the AIDS virus and are positive (infected), but are, to all intents and purposes, fit and well physically. Even if the percentage of these people who go on to develop AIDS is small, there is no way at the present time that an individual can know if s/he will fall within that group or not. Living with this as a possible prospect has resulted in a great deal of trauma.

The latest twist in the complexity of the AIDS viral infection is the relatively new observation/symptom of dementia and other brain disease. How long does this take to occur, and what percentage of people will it affect?

The above deals with only a fraction of the problems AIDS has brought. What are we doing about it?

Yours sincerely,
Simon Lewis

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Nightline Credits

Dear Hugh,
I noticed that Nightline was mentioned in the Union Annual Reports. This year has been a hard one for Nightline in that I have had to constantly campaign to secure its future. This battle has now been won, as the main schools of London University have agreed to contribute to Nightline at a rate of 30 pence per student. This campaign would not have been possible without the support which we received from the administration of Imperial College over the past year, and I would like to take this opportunity to thank them. I would also like to thank Pete Wilson for the active support that he has given me this year, and I commend him for the enthusiasm which he brought to the post of Welfare Officer.

Nightline has been saved in order to provide a service for London's student and I urge every student who reads this to remember that if they would like some information or a chat we are only a phone call away.
Yours sincerely
Anne Cox
Nightline Director

FELIX Credits

Dear Hugh,
Being a student residing at Silwood Park I am very rarely up at South Kensington. As with most Silwood residents I have a sense of detachment and sometimes complete isolation from the events and happenings up there. However your FELIX publications have made up for this by being an excellent source of information on the activities of the College, Union or otherwise.

I do not think the paper has been 'filled with incomprehensible and esoteric articles'. Indeed a great deal of them have been interesting and worthwhile to read and your editorials have been cleverly written and to the point. I would therefore like to congratulate and thank you for your first rate efforts this year and hope

you or your successor carries on the good work.
Yours
Neville Bainbridge
Silwood Park
ps I hope a great many students have responded to the vindictive criticism levelled at you and others by the sabbaticals. Even if the AGM passes the report I think it would be a sad loss if you were to resign from your position.

UFC Attacked

Dear Hugh,
I was not surprised by the results of the emergency UFC on Friday, where a general and rather untidy trimming process was applied across the board, rather than one or two high spending clubs being disbanded. Nobody would want to disband clubs and such action is always easy to condemn, but difficult to support. General cutbacks bring their own problems, though, and all clubs have suffered such cuts over the past few years. The problem we have now is that most of the dead wood has been removed, and any further cuts will curtail many clubs' activities. It is time that College realised that having a strong and

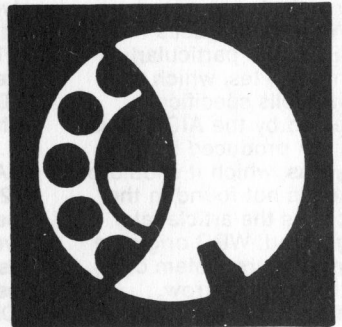
well funded Union with a large range of activities is almost as important a draw for students as having good, relevant and interesting courses, or having a more normal male to female ratio. The new Rector has started to act on the latter problems, he must now do something about Union funding, or the strains from lack of funding will severely damage the Union structure. Indeed some of the strife seen within the Union this year may well be due to the opposing factions fighting each other for more money, with the Exec caught in the middle in an impossible position.

There are two other things which may be done by the Union to ease the situation. Firstly, it can make obtaining sponsorship by clubs a worthwhile activity, and secondly something should be done about the ridiculous spending sprees that the MSC's are encouraged to indulge in as a result of unspent money reverting to the Union at the end of each year. As we stand at the moment, if a club can gain sponsorship, that money will be removed from their grant, so that the Union and not the club benefits. The problem with this is that those working for a club see the time spent

looking for money as wasted since they do not financially benefit in the end. A more equitable situation, helping all involved, would be to take only half the funds raised from a club's grant, so that both Union and club are better off. As for the clawback of funds, again some division of the money left over would act to reward those who have saved money rather than penalise them as now occurs. The arrangements for this would have to be carefully tailored to the needs of the particular MSC's, since ACC has rather different arrangements to SCC for example. This process would not be easy to work out, but would bring about more encouragements to save money. I would therefore suggest that next year's exec think deeply about such matters over the summer, and, hopefully, be able to propose some plan at the start of next year that is more reasonable than the current situation. It should also be made clear to College that the Union is not a body whose funds can be cut indefinitely without some serious repercussions for the rest of IC.

Dave Clements
SCC Misc Clubs Rep

- My girlfriend's walked out on me.*
- I think I'm pregnant.*
- I'm locked out.*
- What's the number of Falmouth Hall?**
- I want to change my course.*
- Where's Scanners showing?**
- What's the number of Victoria Station?**
- I'm stranded, are there any late-night buses?*
- How can I get hold of the Health Centre?**
- I'd like to be a volunteer.*
- I'm lonely.*
- What's on at Chelsea College tonight?**
- Where's the nearest Barclays Bank?**
- My landlord's hassling me.*
- Where's the nearest all-night chemist?**
- Are there any parties at IC tonight?*
- I've taken some pills.*



Nightline

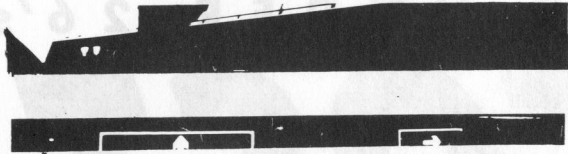
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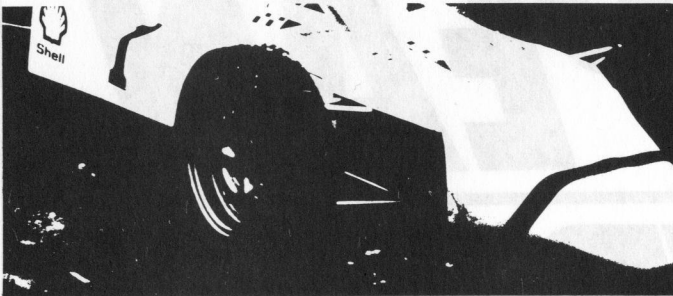
Hello, Nightline, can I help you?

**Nightline: Saved To Provide A
Service For You. Use It.**

FELIX Motor Rally



Saturday 21st June at 10am
Entries of teams of four
as soon as possible



MEGABRAIN

Even Dumber

There are many classic procedural puzzles like this one, usually to do with various animals and people crossing rivers. The best way to solve them is to write on little pieces of paper and shuffle them around. This was the solution I got in eleven moves:

- 1) Dumbest down, stone up.
 - 2) Stone down.
 - 3) Dumder down, stone and dumbest up.
 - 4) Stone down.
 - 5) Dumbest down, stone up.
 - 6) Dumb and stone down, dumb and dumbest up.
- 7-11) Repeat steps 1-5.

The only correct entry was from S Denye, Chem Eng 3. Well done, as usual, you can collect your prize from the FELIX office after 1.00pm Monday.

Puzzles of this sort were a favourite of Lewis Carroll who suggested an even harder version of the above involving animals to be lowered that have to be held. I may try setting one like that later. There will be no Megabrain next week but I'll be back for an end of term special, for which all submissions would be gratefully received (to Megabrain c/o FELIX Office).

All Union Clubs and Societies
Please fill in and return your freshers
fair forms and your directory forms as
this helps your club and the Union run
that little bit more efficiently

Thanks
Kathy Tait
Union Receptionist

Small Ads

ANNOUNCEMENTS

●**RAFFLE RESULTS:** 432 Room in Hall. Please go to Student Services with your ticket. 806 Meal, 804 Haircut at Nino's. 133 Haircut Rene Aubrey. 63 2lb box chockies. Prizes to be collected from the Union Office.

●**UROP** Dr M J Lee is offering a summer bursary for a UROP student to work with his group in the Thin Film laboratory in Electrical Engineering. The project will involve measurements in the field of thin film semiconductor technology. Suitable for Physicists, Electrical Engineering or Materials Science students—other physical sciences or engineering students would be considered. Contact Dr M J Lee, Room 704, Electrical Engineering, Ext 5194

●**Barn Dance** JCR Tues 17 June, 7.30-11.30pm. Bar £1.50

ACCOMODATION

●**Large room** in a flat in East Putney. Available for July and August only. One person £38pw incl, two people £28pw incl. Phone 789 0817 evenings!

LOST

●**Lost!** One cream-coloured bath towel last reported seen hanging over a rail in the Imperial College Swimming Pool on Wednesday 21st May about 6pm. If you took it by mistake please could you return it to the Sports Centre as soon as possible, or contact Rachel Fowler Civ Eng 1 or Rayleigh House Tel 01 589 7823.

FOR SALE

●**AIWA V900LW** Twin-deck midi-system, half year old £450 (New £650)

●**Yamaha DT80 Scrambler**, all black and attractive, one year old with very low mileage, plus 2 helmets, £550.

●**Dual C5-515** turntable with Basik cartridge, £50.

●**A and R A60 Amplifier:** 2 years old, very good condition £110.

●**Sony Walkman WM-F20:** (latest Model) with FM radio, good condition and almost new £60. Owner for all these leaving soon. Please contact AW1, Civ Eng 3 through departmental pigeon-hole or telephone 373 7242.

PERSONAL

●**Cheap Accommodation** wanted for big brother coming to work in London during summer. Contact R J Hardy Chem 1.

●**One heap of rust for sale** also free instruction course on how to crash a bike. See Matthew Whitaker, Doc 1.

●**Matthew!** I didn't mean shave THERE AS well!

●**Steve Turtle**—come out of your shell.

●**Last week's ad** should have read 'Andrew Mason is a boring fart'.

●**Well, well, well,** it's Martin Belle!

●**Robert Newton** wears nappies.

●**Confuscious** he say 'God, Scott you are brilliant'.

●**Turtle trips** on LPS—oops!

●**G S Heyhoe**—you shall feel the wrath of my bombast, next week I'll announce your closely guarded secret—what the G stands for!

●**Scott's Brain** and face is made out of cow pat, we all know that!

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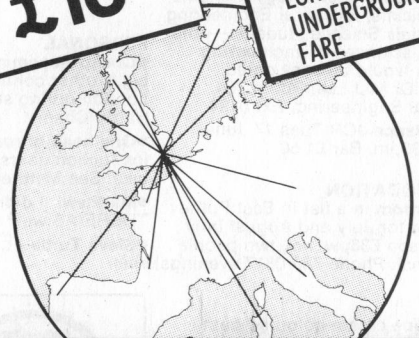
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The Week In Science

Time Out Meets Tomorrow's World

Skills In Action

The City and Guilds of London Institute has an exhibition entitled *Skills In Action* at the Science Museum, running until 1 June.

City and Guilds, as well as its involvement with IC, also provides curricula, examinations and qualifications to set standards of knowledge and skills for trainees in jobs in industry, commerce and the public services. City and Guilds courses and certificates cover technologies from agriculture, catering, construction, electrical and electronic, mechanical and maintenance engineering, to vehicle and many other personal and scientific services. The exhibition at the Science Museum aims to demonstrate the range of industrial skills and technologies on offer from C&G.

Starting on the ground floor, the exhibition kicks off with a massive bank of buttons to press, a paradise for schoolchildren. The buttons activate a computer screen, which gives information about the courses and qualifications that C&G offers. Also on the ground floor is a Prestel simulation containing the 60 pages of teletext that C&G has maintained for over three years. These frames have been stacked on computer disc, so the possibility of schoolkids, or IC students, running up massive Science Museum telephone bills is eliminated.

Pick up a guide at the ground floor stand, and this will lead you to the first floor exhibits. First are an industrial lathe, and a desk-top robot, being operated by students from the Crawley Training Association. The seven-axis robot, called Neptune 2, is controlled by a BBC computer with a connection to the parallel interface. This enables the robot to be addressed as if it is part of the computer memory. Each axis of the robot is controlled through a rack-and-pinion system by double hydraulic cylinders containing water. Complementary to Neptune 2 is a scaled-down simulator, used for teaching. Users can guide the robot arm, and movements are recorded digitally by the computer. The industrial applications are in paint-spraying and spot welding, but the scaled-down version is shown packing eggs into cartons.

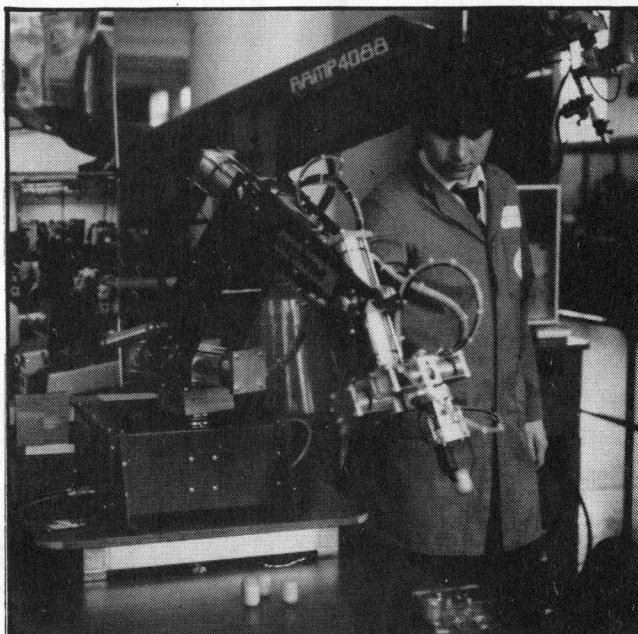
Next is a video recorder assembly and repair

demonstration.

Representatives from Southgate Technical College and Radio Rentals staff a display showing adjustments and fault location in modern video machines.

Weaving doesn't sound a very modern or high-tech activity, but it is a very orderly craft, which lends itself well to numerical control by computer. As each weft thread is woven it must go over and under the warp according to the designer's plan. The instructions to go over and under can be held in a computer memory, freeing the designer from the tedium of the present manual method. In the demonstration, weavers from the London College of Furniture make up designs on the screen of a BBC micro, and then sample them as cloth—the micro controls the shafts on the loom for each pass of the thread. Designs can be changed at the push of a button and, once the designer has it right, the program can be sent to high-speed looms for full-scale production.

On the second floor, the major attraction is the electronic composition and laser printing display by the Rank Xerox information technology centre. The workstation combines wordprocessor, typesetter and graphic layout artist, claims Rank. Documents are created on a double-page, high-resolution screen controlled by keyboard and a mouse—a pointing device that allows the user to move a point on the screen to pull down menus, draw figures, shade areas, etc. The workstation



The Neptune 2 in action

is connected to a laser printer, capable of producing 12 pages a minute, with a resolution of 90,000 points to the square inch. Demonstrating the system are students from the Rank Xerox information technology centre in Slough, where 16-18 year olds on Youth Training Schemes and disabled adults acquire IT Skills, leading to a C&G qualifications.

Skills in action runs until 1 June, and then from 20 October until 2 November at the Science Museum, open 10am to 5pm Monday to Saturday and 2.30pm to 5pm Sunday. Admission is free, and unlike some other museums in South Kensington, there is no attempt to shame you into making a 'contribution'.

Friday 30th May
Union Bar
London Pride
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Of Bottled Lager

FELIX



For the past eight years, Trevor Nunn has been artistic director of the Royal Shakespeare company. It should come as no surprise therefore that his first major feature film is full of some of this country's finest actors and actresses.

The film is set against a background of the Reformation when a large number of individuals had acquired wealth and property by removing Roman Catholic monks from their monasteries and were hence anxious to prevent the throne returning to a Roman Catholic. To achieve this the Duke of Northumberland arranges for the quiet scholarly Lady Jane Grey to succeed the dying Edward VI and for her to marry his son, the libertine Lord Guilford.

The resulting piece is a mixture between a well illustrated history lesson and a discourse on the relationship between power and evil and a romance, and as such succeeds rather well on all levels. The nature of the relationships requires some concentration early on, but the story is pretty straightforward after that, and the acting and the choice of locations are excellent. Some of the humanist tendencies of the young couples are a bit laboured, but ultimately it's a very enjoyable piece of entertainment.

Whilst on the subject of theatre, I'd like to mention the marvellous **The Lightship**. It's setting has the same limited number of scenes as a play and it is this claustrophobia that

gives this film a lot of its power.

Robert Duvall plays the leader of a group of three criminals who come to be stranded on Klaus Maria Brandauer's lightship. There then ensues a battle of wits between the brilliantly evil Robert Duvall and the pacifist captain.

Marcy in a coffee bar one evening. She gives him a friend's number and when he gets home he decides to try and contact her again. This leads him to a nightmare journey through downtown Soho when everything (and I mean everything) goes wrong. At one point when he is being

consistently framed for all the evil deeds and has a hard time escaping the authorities and tracking down the evil John Ryder (Mr Hauer), at the same time.

It's actually a very good film, and a debut worthy of comparison with Spielberg's **Duel**, with some superb photography, from John Searle who filmed **Witness** and some car chases that are not all boring. Worth a visit if you've seen the other films mentioned so far.

In the 19th Century, anatomists were only allowed to work on the bodies of hanged murderers. Therefore the dedicated Dr Thomas Rock, who felt that the end justified the means in the quest for knowledge, paid money for corpses, the fresher the better, leading **Fallen and Broom** to murder people to earn a comparatively comfortable living.

Doctor and the Devils is directed by Freddie Francis who was the cinema photographer on **Elephant Man** and **Dune** but who also directed a large number of Hammer Horror films. This background is unfortunately evident in this latest film, and though it does improve it's difficult to shake off this initial reaction.

Jonathan Pryce and Stephen Rea come across as a bit of a comedy duo as **Fallen and Broom** and the film fails to address itself to Dr Rock's obvious moral dilemma. Perhaps the original book by Dylan Thomas is better.

Jim Clayden.

A Marriage Of Convenience

Initially the story contains a more detailed analysis of the reasons for the behaviour of the two protagonists and the questions thus prompted but director Jerzy Skolmowski has shrewdly decided to concentrate on the suspense and has managed to produce a very tense thriller without sacrificing depth of characterisation. I didn't breathe properly for one and half hours; highly recommended.

Having mentioned the second best of this weeks films I may as well mention the best, **After Hours**. It is a wonderfully imaginative comedy about a computer programmer's disastrous night out in Soho. Paul (Griffin Dunne, last seen in varying states of decay in **American Werewolf in London**) meets the attractive but distracted

chased by a mob he sees a killing through a bedroom window and and comments 'They'll probably blame me for that too'.

Director Martin Scorsese launches the audience straight into the breakneck pace right from the opening shot, and then goes on to make even the most innocuous bunch of keys a fearful object. The most imaginative and enjoyable film I have seen for a long time; wonderful.

'My Mom told me never to do this': C Thomas Howell's first line when he picks up **The Hitcher**, Rutger Hauer. Believe me his mum was right. Rutger Hauer (in grave danger of being typecast) turns out to be an Angel of Death who goes around killing people (as Angels of Death are wont to do I suppose) and asks our hero, Jim to help him. Jim is then

Hilda Murrell was murdered on the 21st March 1984. A seventy eight year old ex-rose grower, she was deeply committed to the peace movement and dared to speak out about what she felt. The Tricycle in association with The Sheffield Crucible present Chris Martin's investigation into the death, and events surrounding the death of Hilda Murrell.

There is no plot in the conventional sense, this is not a conventional play. Key dates are used to string the various different accounts and pieces of evidence together. Hilda Murrell, her nephew Robert Green (a retired Royal Naval Commander involved in intelligence), a reporter, MP, police spokesperson, peace campaigner and nuclear scientist form the core of the characters involved. Each speaks out, sometimes in the form of a dialogue, sometimes to the audience directly. The place and time of each line of thought varies but is defined by the character(s) in question. Act 1 and most of Act 2 examines the events surrounding Hilda Murrell's death from every

angle, and details large amounts of information.

The end of Act 2 draws the known evidence to a close. This is followed by an epilogue where it is revealed that the text of the play, whilst in the care of the Post Office, had been opened between sender and receiver by some person(s) unknown. This paradoxical event serves to expose the 'State' still further, for the big question that this investigation poses is whether or not the death of this old lady was a 'State crime'. No fingers are pointed. Chris Martin avoids the pitfall of onesidedness, but then with the evidence to hand, no fingers need to be pointed. The investigation is painfully factual and the audience is left to decide for itself as to the causes of Hilda Murrell's death.

Who killed Hilda Murrell is a very important play, it raises various questions: the power of Whitehall over Parliament, the secrecy of our society, the basis of our democracy. For people who care about these things and what they encompass, **Who Killed Hilda Murrell** should be seen; Political drama at its best.

Simon Lewis.



■ Annie Raitt as Hilda Murrell gives a fine performance at The Tricycle Theatre and captures the fire and passion of this highly motivated lady.

Society's Debt.

The Almeida Theatre until June 7th

Creditors, written in 1888 deals with the timeless problems of relationships, specifically those between men and women. The hundred years separating the first performance of **Creditors** in a small experimental theatre in Copenhagen, and its latest run at the Almeida have no effect on the potency and ease with which the audience can relate to Stringberg's misogynistic and confused words.

Set entirely in the public room of a seaside B&B the action falls neatly into three scenarios:

Initially Adolf, a painter turned sculptor, is found with the manipulative and scheming Gustav, superficially just another guest of the hotel. They spend some time discussing Adolf's

disabilities. His neurosis with regard to his wife Tekla, who he suspects is being unfaithful, and her unnamed first husband, referred to as being something of a fool. Gustav manages to convince the easily led Adolf that his wife is the worst possible cure for his physical and increasingly mental ailments:

'For a woman, loving means taking..this woman has eaten your soul, your courage..'

'I gave and gave and gave until I had nothing left..'. Gustav leaves having sown the seed of doubt in Adolf's mind.

Tekla enters unsuspecting, and gradually as she and Adolf talk, his jealousy and fear about losing the woman he 'worships like a god' 'who has destroyed my faith in myself' unwinds. Throughout this ensuing

trauma, Adolf becomes increasingly ambivalent towards his wife as the remembrance of her feeling for her first husband unfolds. Adolf leaves in a rage.

As if by some magical coincidence, Tekla's first husband enters, and not surprisingly he and Gustav are one and the same! At first Gustav attempts to woo his ex-wife and appears to have genuine feeling for her. However, as Tekla realises that Adolf's anger has been caused by Gustav's intervention, Gustav shows his true self, for he is the Creditor who has come to collect his debt of honour by destroying Adolf and Tekla. Adolf has been listening throughout this bout of hard truth, and finally he staggers in, pale and shaking, collapses and dies. Tekla embraces his limp body. Gustav stands

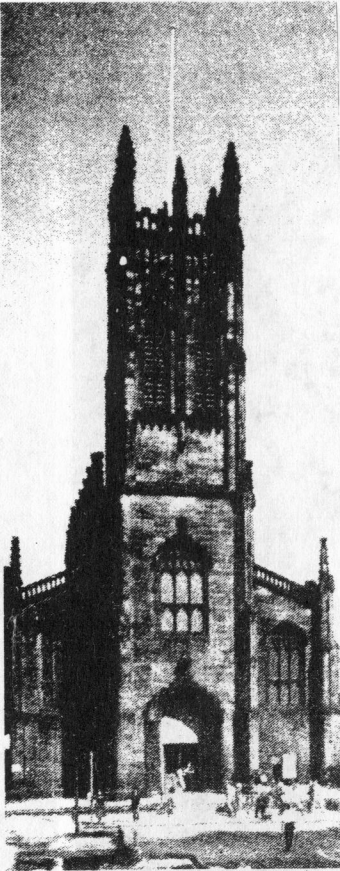
triumphant.

The performance of Ian McDiarmid was particularly memorable. He truly captures the cynicisms and manipulative qualities of Gustav.

Creditors has been described by many as being largely autobiographical. Indeed the play's involvement of two men with one woman bares a striking resemblance to Strindberg's own life. **Creditors** is confusing but in a sense it sets out with this end in mind. Ultimately relationships are far from simple. Perhaps **Creditors** deals with the ambivalence of men towards women, Gustav and Adolf represent the two opposite sides of the coin:

'I need her to worship like God...I can't live without something to worship.'

Simon Lewis.



West End Shows

The Edinburgh Festival is probably the largest arts festival of its kind — known more for the antics of the Fringe than for its traditional concerts. Imperial College is itself a major contributor, present not only as an acting company, but as one of the more important venues: Venue 126 — Theatre West End.

It is the first week in August, and all over Edinburgh teams armed with scaffolding and screwdrivers are attacking church halls, assembly rooms and even crypts. In a space of less than seven days all will be transformed from empty rooms into fully operational theatres and auditoria. Garish circus tents will appear in parks and gardens all around the city. Buskers and street artists converge on squares and outside galleries. Venues range from the dingy depths of Cepha's Cellar — where a dud seat can land you behind a pillar, unable to see the stage — to the cavernous spaces of the Assembly Rooms in George Street. However, all are part of the Edinburgh Fringe Festival. While the 'official' Festival rolls on with its military tattoos and traditional concerts for the tourists, the Fringe takes care of the new ground in theatre.

Last year, the Fringe fielded somewhere in the region of 900 shows, and is expected to go up by 10% this year, to give well over a thousand. It has reached a point where the Fringe is better known across the world than the festival which gave it a reason to exist. Edinburgh has become synonymous with outrageous street theatre and undecipherable plays. The Fringe is coordinated from a small office in a road running between the Castle and Holyrood Palace, known as the Royal Mile. There are two permanent staff, assisted by

volunteers and part-timers. Their job is to offer help to both acting groups and the people who run venues, and to produce a 96-page brochure detailing every show in the three weeks of the festival to give away to the crowds of tourists and theatre-goers that pack the doorway of the ticket office.

Imperial College itself contributes, both to the acting side and to the less glamorous side of running a theatre for those three weeks. The Dramatic Society operates under the name of Theatre West End, running a venue in a church hall at the west end of Princes Street, overlooked by the Castle itself. Since its inception in 1983, TWE has grown to become one of the largest venues on the Fringe in terms of the number of shows it stages, competing with semi-professional companies like Tic Toc and the Pleasance Theatre.

The Theatre itself consists of two auditoria, one in the church hall itself which seats 120; and a smaller evening venue downstairs, seating 50, converted from its daytime use as a café, known as the Cornerstone.

Although Theatre West End

exists as a venue for only three weeks, the job of running it lasts for nearly a year. Just before the end of the autumn term, in December, the four members of the Executive, who have the task of creating the theatre for yet another year, have to be elected. The Exec consists of an Administrator, a Treasurer, a Technical Co-ordinator and a Publicity Officer. The Administrator has the unenviable job of negotiating the contract for the rental of the premises, dealing with all 21 of the individual companies wanting to hire slots and on top of that find somewhere to live in Edinburgh for the entire staff. The Treasurer's job is fairly self-explanatory — the accountant and signer of the cheques. The Technical Co-ordinator has to organise the fitting out of both theatres with lighting, sound and even seats. The Publicity Officer's main task is to produce a brochure detailing all the 26 shows to be performed at TWE.

The first job of the Exec is to produce a prospectus to be sent out to the theatre-groups around the country who are looking to go to Edinburgh. The selling of slots is

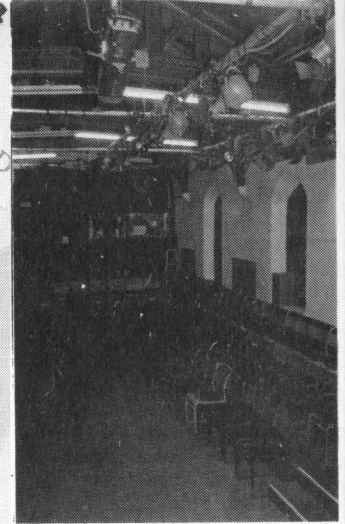
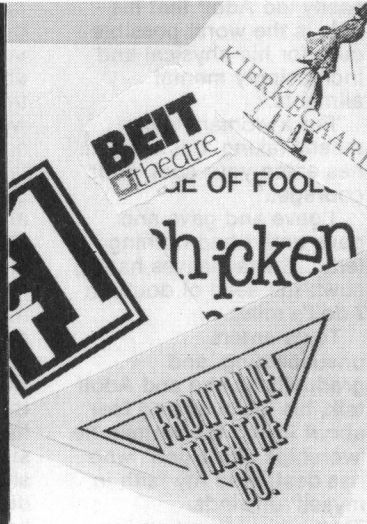
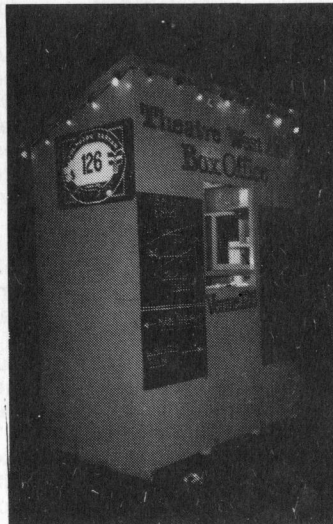
reinforced by the monthly Fringe meetings which begin in January. Taking place at the Donmar Warehouse in Covent Garden, the first two are reminiscent of cattle markets as venue managers are paraded before their potential sub-lets.

Soon, after various changes as groups drop out and are replaced, the slots are all filled. Once this is done, tickets can be ordered and the details sent off to the Fringe Office to be included amongst the incredible array of groups at other theatres in the Fringe Guide.

During May, the sub-lets are chased up for their brochure entries and for their special technical requirements. Where

Reminiscent of a cattle market

do they want the slide projector? How many red lanterns? Then, all the paraphernalia is ordered, ready to be shipped to Edinburgh. Eventually, on the first



Saturday in August, the van is loaded up and driven along the M1 on its way to Scotland. Meanwhile, the Exec and the staff, the people who have to build the theatre out of an empty church hall crowd onto trains and coaches to meet again, early on Sunday morning. When they finally arrive, tired and hungry, there are just four days left to construct both auditoria.

Archaic verse...to modern farce

Originally the hall is just a long empty room, with a pile of chairs in one corner. Into this space is built a scaffolding structure to hold up all the lanterns to light the stage. The chairs themselves are taken and nailed down to rostra to give three raked tiers of seats.

Meanwhile, for the Cornerstone, a lighting rig is devised which can be erected in less than an hour each night after the café closes. Direction boards are constructed and painted so that people can find the venues which are tucked behind the Church building itself.

Work eventually finishes on Thursday with the first of the technical rehearsals and the

fire inspection. Before any audiences can be allowed in, a licence has to be obtained which requires that the theatre obeys all the fire regulations. The main problem is that the fire officers have another 150 or so venues to inspect in just a couple of days. It is quite remarkable how such a small department can cope with the enormous workload.

After all this, shows can begin to be performed at TWE. In all, 26 shows will be staged this year, the same as 1985's total, ranging from the archaic verse of Samuel Taylor Coleridge's 'Rime of the Ancient Mariner' to the modern farce of Dario Fo's 'Accidental Death of an Anarchist'. Most, especially in the first week, will be subjected to the almost arbitrary hands of reviewers hauled in by the Scotsman, the largest daily north of the border, and Radio Forth, together with cameo appearances from Time Out and City Limits.

Eventually, with the end of August, the festival grinds to a halt, and Theatre West End must be emptied in less than half the time it took to build, often with far fewer than the set-up — the 'strike', as it is known, is far less glamorous. The hall is cleared out and cleaned up, ticket money allocated to the sub-lets and the long process of tidying up all the accounts begins; all ready for the next year.

Theatre West End

Guide to productions at Venue 126
St John's Church, Princes Street

26 shows throughout the Festival
Fringe Craft Fair, Church Concerts and Cornerstone Cafe
Box Office 10.00am to midnight

A Sideways Look

(Warning: the opinions expressed herein are not necessarily those of the FELIX Editor or of the author even. This does not detract, however, from the possible veracity of the arguments put forward).

At this time of year, abounding, as I'm sure nobody needs reminding, with exams, a strange process takes place. While waiting outside exam rooms you meet people you've never seen before. No, that's not quite accurate. They may have been glimpsed in the front rows of lectures, or found in libraries late at night pouring over problem sheets and coursework, but they hardly have a high profile within department, hall or club. They might be

THE RATIO...

So now, with some constructive action being taken on The Ratio by College, Department and Union alike, will the future be rosy, with a more involved Union and a better social life for everyone, including these faceless workers? As far as the social life goes, yes, things will definitely get better, but there will be side effects. The effect the Rector hopes to produce by increasing the male:to female ratio is to reduce the amount of beer-swilling debauchery that happens at the moment. This will almost certainly happen, and IC's bad reputation will decrease. However, there will be other effects. When these newly involved

...a better social life for everyone, including these faceless workers?

members of one or two clubs, usually departmental clubs like MOPSOC or Chem Eng Soc, or societies like Wellsoc that demand no heavy commitments, but they never spend more than one night a week away from work. You find the same people ensconced in their rooms, if you ever have the misfortune to take a questionnaire around a Hall of Residence, sitting at their desk beavering away.

Yes, these are the people, frequently described as boring and apathetic, who form an underlying and ubiquitous foundation to the departments of IC. The tragedy of it is that however much they get slagged off by the rest of us for failing to take advantage of the unique facilities available during their time at College, they all do well, get excellent degrees through hard work, and find good, if boring, jobs after. And what do the questionnaires taken round to these people show? They slag IC off for providing a lousy social life. The reason they suggest for the bad social life? That much vaunted and discussed item:

people are socialising, for example, they will not be doing the work they would be without the improved social atmosphere.

As a result of this their grades will suffer, worse degrees will be acquired, and the good part of the College's reputation will decrease as well.

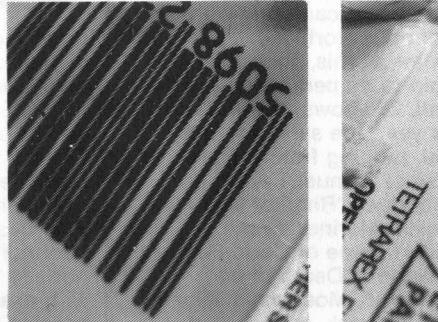
Is this all so much errant twaddle put together to bring a little needless complexity into your lives, or is there some possible evidence for this? The little evidence I do have is that single sex schools seem in many cases to do better academically than co-educational establishments (this is particularly true of girls schools), and that the single sex Oxbridge Colleges do have excellent academic records. (Philby, Burgess and Maclean though came from one of these as well). Pretty weak evidence I know, but who can tell? Perhaps a better signature for this article would be a Cassandra, the Trojan seer whose prophecies, though accurate, nobody ever believed. I will sign otherwise, however.

Anon of Ibid

But is it good for you?

It seems like this year is health consciousness year. The papers are full of fad diets and alternative medicine articles. Every nutritionist stresses the need for a healthy diet, daily relaxation and physical fitness. So why does Joe Student ignore this bombardment and continue to eat those stodgy puddings and jam doughnuts.

Many people think that healthy eating means forfeiting all their favourite foods and having to chomp on boring or tasteless vegetables. Others disregard healthy food because they believe it to be difficult to prepare and time consuming. It's much easier to open a packet of crisps and a can of cola than to create your own minestrone soup.



are mostly saturated. If your diet contains large amounts of fatty meats, butter and cheese then you should think seriously about substituting margarine for butter, olive oil for lard and low fat cheeses for those tasty full-fat soft ones. Remember that the secret of healthy eating is balance and the occasional indulgence is easily corrected in the days that follow.

What is healthy eating?

The proportions of the different kinds of food are very important. A healthy body needs five parts of carbohydrate to one part of protein and one of fat. If you upset your balance then you've got no cause to complain when you keep on getting those recurring colds.

As carbohydrates are the principle source of energy it is quite easy to survive on just a diet of white sugar and water but this doesn't keep your tissues healthy and functioning properly. It's much better to derive your energy from the starch in potatoes or the natural sugars in fruit.

For proper functioning of the intestines you need fibre. It is composed of complex

carbohydrates which the body cannot digest so that it passes through the body unchanged, trapping saturated fats, reducing the absorption of cholesterol and swelling up in water to give that full feeling. Most refined foods have all the fibre removed so it's essential that you either add bran to your diet or start eating wholemeal foods.

Fats are completely unnecessary after the first six months of life as a healthy liver produces sufficient cholesterol for all the body's needs. It is known now that high concentrations of saturated fat in the blood stream are closely associated with heart disease. For this reason the danger foods are those containing animal fats which

What you should be eating

In October 1983 the National Advisory Committee on Nutrition Education (NACNE) published recommendations for british eating. In a lengthy report it did not suggest radical changes in diet but gradual movement away from fat and carbohydrates to a higher-fibre diet and smaller portions of the danger foods.

It suggested the following guidelines for eating:

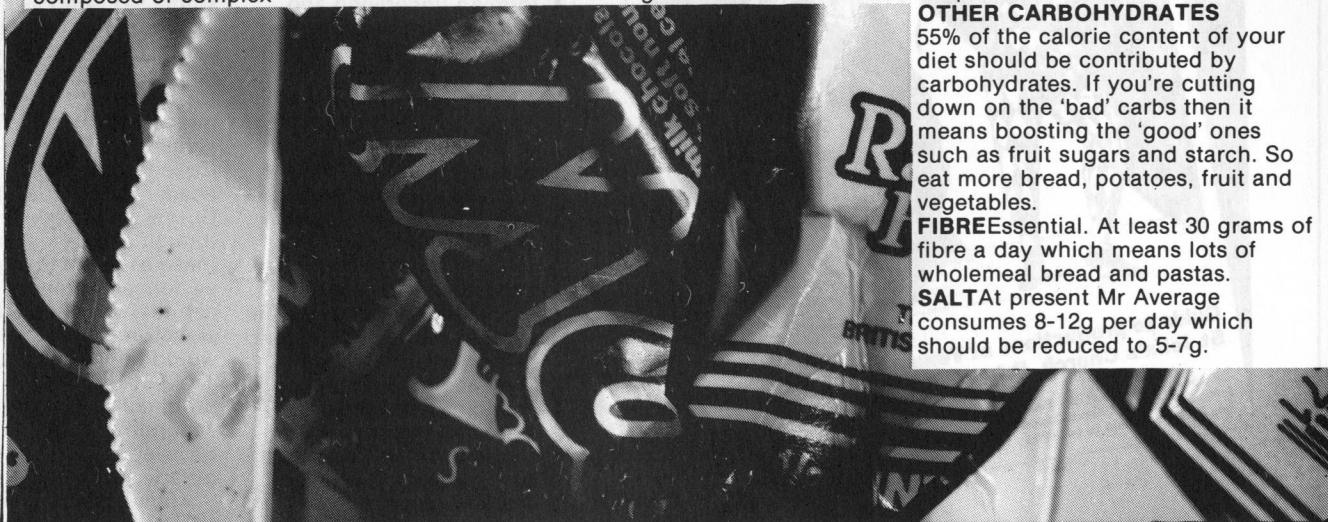
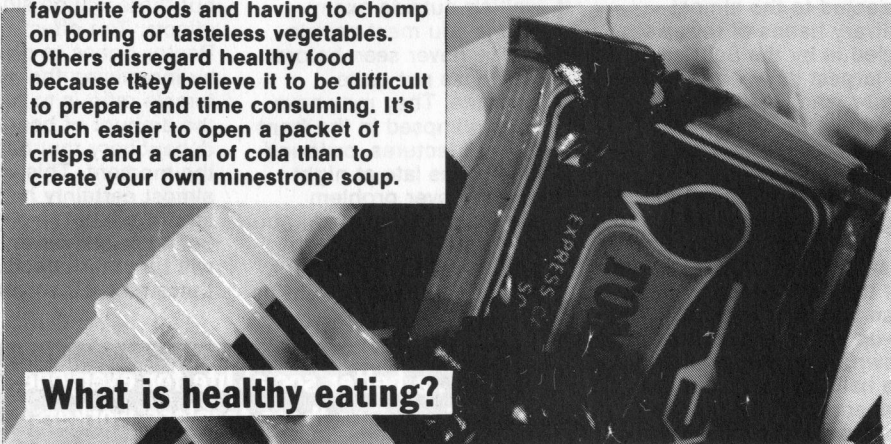
FAT You should try to reach a fat consumption of no more than 30% of your total calories. That's a target of about 90 grams. Only 30 grams should be saturated (fats from meat, pastry, cheese, milk and chocolate). So, no more Mars bars today!

SUGAR The suggested target is about 20kg per year (which may sound an awful lot but the current consumption is around 45kg per head). Try cutting down that white sugar in tea and coffee or changing to brown sugar if you feel you can't do without it. Most of the sugar consumed is in manufactured foods such as baked beans and tinned soups.

OTHER CARBOHYDRATES 55% of the calorie content of your diet should be contributed by carbohydrates. If you're cutting down on the 'bad' carbs then it means boosting the 'good' ones such as fruit sugars and starch. So eat more bread, potatoes, fruit and vegetables.

FIBRE Essential. At least 30 grams of fibre a day which means lots of wholemeal bread and pastas.

SALT At present Mr Average consumes 8-12g per day which should be reduced to 5-7g.



Test Cases

In a bid to improve the diets of the average IC student, I picked four people and asked them to list all that they had consumed in the previous 24 hours

Charles, a first year Physicist

Breakfast

Orange
Cornflakes, milk, no sugar
2 pieces of toast with margarine and marmalade
One cup of tea.

Lunch

Minestrone Soup
Two slices of white bread.

Dinner

One lamb chop
Rice
Sweetcorn.

Others

1 packet of crisps
Can of coke.

Hugh, a fourth year Chemical Engineer.

No set meal times.

Olive
Bread and Pate
Pasty
A Southside pizza
3 cans of Fosters
2 pints of Castelmaine
1 tea

Chris, a first year Computing scientist.

Breakfast

None

Lunch

Ham Bap

Dinner

Two packets of crisp
2 pints of Directors.

Dave, a third year Mechanical Engineer

Breakfast

3 Weetabix and milk
2 cups of coffee

Lunch

1 tin of sardines on 2 slices of toast
2 oranges

Dinner

1/4 lb cheeseburger and chips
1/2 packet of crackers
1 tomato juice and worcester sauce
1 pint of Guinness.

My first reaction was how on earth does Chris survive? Secondly it confirmed all my fears about IC's average consumption. Charles diet is reasonable. He has 3 square meals a day but it's high in carbohydrates and low in fibre. He needs to substitute a good wholemeal bread for that white stuff and perhaps a high fibre cereal instead of cornflakes. Minestrone soup has a high sugar content as does tinned sweetcorn and that can

of coke. His fat intake, though, is fine as he uses margarine and has about half a pint of milk.

Hugh's diet, however, is sadly lacking in most of the essentials. Pate and cheese are both high in saturated fats as is the pastry in the pasty. Biscuits and bread are high in carbohydrates and contain little fibre and that pizza, although topped with various vegetables, provides very little nutrients in proportion to the number of calories it contains. The average adult should consume one pint of beer a day but Hugh has far exceeded this. Their is no nutrition in a can of Fosters but loads of lovely calories and that alcohol overworks the liver. My advice to Hugh is to think about what he is eating and not to treat everything he consumes as a convenient filler. He needs to eat at least a piece of fruit a day and a good helping of greens which are good sources of riboflavin, folic acid, and iron, magnesium and calcium. As with Charles, he needs to boost his fibre intake. You must have bad bowel problems Hugh! If time is money then bread, rice and pasta all contain certain amounts of fibre. Cut down on the fast foods and alcohol and if the nearest food is in the Union Bar then nothings better than a packet of peanuts for added protein.

There's little I can say about Chris' diet the only protein has been derived from the ham in the bap. He needs more fruit, vegetables, breads, cereals, fish, nuts, and poultry because he's lacking fibre, vitamins A, B,C, and D, iron and trace minerals such as magnesium and potassium.

Dave's diet has to be one of the best (for a student). His fibre is derived from the Weetabix, toast and crackers, his vitamins from the fruit juice, oranges and fishes, his protein from the sardines and burger and iron in his Guinness. The only bad point is the lack of vegetables and those chips with his cheeseburger. Deep fat fried food is definitely out!

All of these diets show that a busy Southside student relies heavily on easy-to-prepare or fast food. Perhaps this is a case for better kitchen facilities? Even so, this is no excuse for the unhealthy diets prevalent at this college.

Here's how my hypothetical student would eat.

Breakfast

Bran flakes, sultanas and milk
Wholemeal toast and margarine
One cup of tea.

Lunch

Baked potato and cottage cheese
Serving of raw mushroom or peppers
One cup of coffee or apple juice.

Dinner

Chilli pot (see recipe)
Fruit or yogurt
Fruit juice

Snacks

Peanuts
Oat crunchie bar.

Recipes

Chilli Pot (serves 1)

Calories 310
Preparation 5 mins
Cooking 45 mins.

Contains red kidney beans which are extremely high in fibre and very low in fat. Both beef and beans contain a variety of B Vitamins.

Ingredients

1 small onion, chopped finely
4oz lean minced beef
Garlic to taste
1 teaspoon chilli power or to taste
3 teaspoons tomato puree
4fl oz chicken stock
2 chopped tomatoes
chopped green pepper
pepper, to taste
1 can of red kidney beans rinsed and drained

Method

Place the onion and minced beef in a saucepan over medium heat and cook without adding extra fat until evenly browned. Add garlic chilli, tomato puree, stock, tomatoes, pepper and green pepper. Bring to boil, cover and simmer for 35 mins Add beans and cook for a further 5 minutes.

Healthy ways to cook

Healthy cooking isn't just a matter of using fresh, nutritious foods but how you cook them as well.

Boiling Destroys vitamins and minerals such as B Complex and Vitamin C.

Frying Adds fat in most cases. The best form is stir-frying which combines steaming and frying. A small amount of oil is heated intensely before pieces of chopped food are added. This seals the food quickly and reduces the loss of vitamins and minerals.

Roasting Particularly healthy as it doesn't require additional fat. Always cover with foil to retain the moisture.

Steaming Healthiest way of preparing fish and vegetables with little vitamin loss.

Microwave The shorter cooking time preserves more of the vitamins and reheated food loses fewer minerals.

Good food can be tasty and quick to prepare. All it takes is a little bit of thought and planning. Just remember that balance is essential and that you can still eat all those things you really like in moderation. Take pleasure in what you eat but always ask: Is it good for you?

What's On

Today

1230h

Above Southside Bar
Hanging Gliding Meeting
every week.

1830h

Music Room, 53 Princes Gate
Tear Fund. A talk to Christian Union by John Ellis.

Thursday

1930h

ULU, Room 2E
ULU Gay and Lesbian
meeting.

HANDBOOK

One of the first contacts you had with Imperial College after you knew you'd be coming here was the Imperial College Union Handbook. This publication is produced over the Summer vacation by the elected editor on behalf of the Union and sent to all the incoming students. It aims to introduce them to the Union, College and the local area and act as a reference book for the whole duration of their degree.

Next year's Handbook is being compiled at the moment and we need your help in producing a new

All clubs are asked to clear their pigeon holes in the Union Office. Any club not doing so will have their stuff thrown in the bin.

Judo

Barbados Training

Well done to all those who passed their grading on Wednesday—we'll try to arrange for all those who require belts to get them before the end of term.

Paul Potter (Vice-Captain of ICKC-2nd KYU) and Jeremy Hague (Treasurer of ICKC-3rd KYU) have been asked to accompany Imperial's instructor, Caesar Andrews (3rd Dan), to Barbados this summer in order to train with and compete against the Barbados Shotokan Karate Team in the run up to the Pan American Karate Games (To be held in

Trinidad in early July). This is the second time that Senei Andrews, born in nearby Grenada, has been asked to teach in Barbados. Training will be hard, 3 times a day in Temperatures around 83 degrees in the shade, and the competition even harder (some medals are expected to won by the team in the games). The two students are eagerly awaiting a reply from 'Fighting Arts International'—A well known martial arts magazine—for which they hope to be able to write an

article on their experiences in Barbados. It is hoped that such exposure will attract some sponsorship for the trip—some assistance has already been offered in the way of reduced air-fares from Sensei Andrews' sponsors, Transatlantic Wings.

Senei Andrews has lately been celebrating the production of his performance of the Kata 'unsu' on Video, and the request from Pan books to write a book on Karate. We wish him every success with these ventures.

Cycling

New Officers

Last Friday saw Cycling Club's AGM. We all met at Southside at 7.30, and then rushed off to Luba's Bistro immediately, because Martin Bell had booked us in for 7.30! Anyway, between the Pojarsky and Semic, the following were elected for next years

officers.
Captain Matthew Whitaker, Vice Captain Steve Turtle, Treasurer Peter Hartigan, Secretary Martin Bell, FELIX Officer Andy Major, Touring Sec Mike Colclough.
A few members of Cycling Club were busy

racing last weekend Scott Heyhoe and Peter Hartigan raced in the Blackmore Criterium in Essex last Monday, whilst last Saturday Wayne Morley produced a time of 1-6-40 in the Middlesex RC 25 mile TT at Newbury.

All contributors get a free copy of the finished magazine and a lucky draw of all the entries will take place with a prize of £5.

- 1 NAME AND DEPT
- 2 FAVOURITE PUBS AND WHY (Prices? Decor?)

3 FAVOURITE RESTAURANTS AND WHY (Prices? Service?)

4 LEAST FAVOURITE PUBS, WHY?

5 LEAST FAVOURITE RESTAURANTS, WHY?

restaurant and pub guide.
Just write the information needed below on a piece of paper and post it in the box provided just inside the FELIX office in Beit Quad.

my times on the tube no 13

Those who came unprepared met certain death.....

- by Adrian Sellars -

Have you noticed how almost everyone takes an interest in the World Cup. People who've never been to a football match in their lives start rabbiting on about Hatley, Wilkins, Robson and co. To support this amazing public interest the media forget about major issues and concentrate on football. All the newspapers have been full of World Cup features for weeks. Gary Lineker's suspected broken arm got so much coverage in the papers last Sunday that one had to search to find the stories about Ian Botham's drug taking. By the time Bulgaria and Italy kick off tomorrow (BBC 7pm) you'll almost certainly be bored by the hype. Don't let this stop you watching the greatest festival of football. The message of this week's Capital Ideas is sit at home and watch the football on TV. (Who said Capital Ideas was about encouraging you to go out and discover London.)

England have problems. Despite an impressive 3-0 win against Mexico a couple of weeks ago the fitness of Robson and disadvantages of playing in amazing heat in Monterrey mean the England are not going to start as favourites. Until today the Uruguayians looked the best bet. Unfortunately they were taken to pieces by the Bulgarians. FELIX tip for the World Cup is Denmark. The exceptional skills of Lerby,

Laudrup mean that they've got to be a good bet.

Since this is meant to be a guide to what's next week and not the column for a Chelsea supporter to rant on at length about his views on world football, I'd better tell you what are the highlights of next week's football on TV. Bulgaria is not really a country who one normally thinks of as a major force in

cut out. Northern Ireland play Algeria on Tuesday (ITV 7pm). This should be one of the most boring games of the week. The Northern Irish will probably stuff the Algerians or the Algerians will hang on for a 0-0 draw. Other highlights of the week are Italy v Argentina (Thursday ITV 7pm) and West Germany v Uruguay (Wednesday BBC 7pm).

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world football. Despite this they managed to beat France and Uruguay, two of the best countries in the world, in the run up to the Cup. They start the tournament against Italy on Saturday (see above for details) in what should be the match of the week. England play their first game of the tournament against Portugal on Tuesday (BBC 11pm). To be honest if England don't stuff the Portuguese who have had a players strike in the run up to the tournament, they don't stand a chance. Scotland start their campaign with a game against Denmark on Wednesday (ITV 11pm). Scotland will have their work

Right now I've got the football out of the way, I can start being artfarty. The other day I was sitting in the bath and an Albanian mountain cyclist came up to me and spat on me...Sorry I was getting carried away. There seems to be a lot going on. Musically the highlight seems to be *The Comunards* and *Sheila Smith* on Friday night at the Royal Festival Hall. Sommerville and Coles promise an evening of raw, undiluted soul. Also on Friday is an illuminated 400 *Blows* gig at the St Matthews Meeting Place. I don't know much about them but I'm told that they are a crucial band

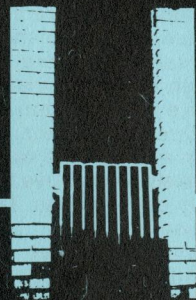
Have you noticed the number of the pseudo-hippies there are around College. These hippies (hippy yuppies gedit) rush round the country at weekends seeing bands like *Haze* and *Inner City Unit* before returning to their Samsonite briefcases on Monday. Well boys (and girls—musn't be sexist) you don't have to leave London this weekend *Dr and the Medics* play Grays Civic Hall on Friday and the *Cramps* play the Hammersmith Palais on Sunday and Monday (Capital Ideas wouldn't be complete without a mention of the *Cramps*). Incidentally anyone wanting a copy of the excellent *Festival Eye*, the magazine of the Stonehenge Festival they can buy it from the FELIX Office.

For anyone interested in art, the International Contemporary Art Festival at Olympia has got to be a must. Open until Sunday (11am-8pm) it's the biggest art exhibition in Europe this year.

If you want to go and see a film go and see *Helena Bonham-Carter* in *Lady Jane* (review elsewhere). I haven't seen as good a film in ages. It's really slushy so I liked it as I'm getting romantic.

Before I start churning out pages on marriage etc and ruin Chris Edwards' chance to piss about with arty farty layout, I'd better finish off with cricket. Middlesex play Sussex at Lords in the quarter finals of Benson and Hedges on Wednesday. Don't miss it!

**Capital
IDEAS**



Eight Outstanding

Eight research subjects at Imperial College are rated as outstanding by the University Grants Committee. The University Grants Committee made their assessment as part of their process for fixing the grants to be given to Universities. The subjects rated as outstanding were Biochemistry, Chemistry, Physics, Mathematics, Computer Science, Chemical Engineering, Civil Engineering and Mechanical, Aeronautical and Production Engineering. Pure and Applied Biology, Electrical Engineering, Metallurgy and Management Science were rated as better than average. Geology, Mineral Engineering and the

research centres were rated as average. Humanities were rated below average.

The UGC sent a detailed letter to all universities on Tuesday night explaining how they assessed the University's grant. Included in the letter is an assessment of each department. This is based on quality of research and the amount of money the department receives from outside the university system to support. It gives no indication of the quality of teaching. Pro Rector Prof Alan Swanson told FELIX yesterday that the letter giving details of our research rating and the earlier letter giving details of a 1.3% rise in grant in

cash terms (see last week's FELIX) meant the outlook was not as bad as it might have been. He said, though, the outlook was as bad as the College had expected. The College would, he said, look for money from outside. This would be helped by the high rating given to our research. It would mean, though, that academics would be restricted to do the work that their sponsors wanted them to do.

Union President Carl Burgess said the below average rating for the Humanities Department showed there was insufficient provision for humanities.

ASTMS Say No

A group is being set up at Imperial to collate and exchange information on the Starwars program. The group will consist of the electronics for peace group, the computing and social responsibility group and other interested parties in and outside of College. The group is being organised by John Fecamp the ASTMS (Association of Scientific, Technical and Managerial Staff) representative at Imperial. Mr Fecamp hopes that the group will provide information to enable 'those with a political punch' to ask appropriate questions in Parliament.

The move follows the ASTMS decision on the 12th of May to campaign against Star Wars research contracts, on the grounds that the money would be better spent elsewhere, and the SDI is likely to provoke a Soviet first strike.

Gotcha!



The victim of a callous criminal.

Union Hon Sec Quentin Fontana had his teddy bear kidnapped on Sunday by a dangerous masked raider. The teddy bear was held to ransom by Rag.

Mr Fontana told FELIX on Wednesday that he was very upset by the kidnap. He said that it had meant he 'didn't have anything to snuggle up to'. He said that he had asked the masked raider into his room to give her coffee. He admitted that although he didn't have any kidnap insurance he paid the ransom because he had to save

teddy. He said he was so upset that he went to the Charles Wells brewery on Tuesday to get 'pissed'.

The masked raider told FELIX that Mr Fontana had paid the ransom. She said that she realised that Mr Fontana was attached to his teddy when she saw him 'sulking when ever Christine hit his head against the wall' so she decided to kidnap it.

It is understood the teddy was returned to Mr Fontana at 6pm on Wednesday evening.

Clean-Up

Union Officers are worried that the Union may have to take responsibility for the cleaning of the Union Building. At present College organise the cleaning of the whole of the College centrally. College plan, though, to make each department responsible for organising its cleaning. The Union feel that it would have problems doing this and will ask the College personnel section next week to exempt them from the new plan.

Winners

The rag raffle for a guaranteed place in Hall was won by ticket number 432. The winner should go and see Student Services as soon as possible. Ticket number 806 won a meal for two. Ticket number 804 won a haircut as did 133. Ticket number 63 won a 2lb box of chocolates. All these prize winners should go to the Union Office to collect their prize.

Grounds Will Be OK

Work on the extraction of gravel from the College's sports ground at Harlington is set to start as soon as the cricket season has ended. At the last meeting of Athletics Ground Committee College Groundsman Mick Reynolds presented plans for pitches during the work. Union representatives said that they were more than satisfied with the plans. They said there were enough pitches for the Union's needs. Union Hon Sec Quentin Fontana said that in addition the work was likely to improve the quality of the pitches. This is because they are developing ridges at present and the work will give the College the opportunity to relay the pitches so that ridges will be able to develop.