

animal research:
cruel to be kind?

fii 'zygotic exposures':
chapmanworld at
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brain food: exam-time
nourishment



FELIX

The student newspaper
of Imperial College

Issue 1059
May 31st 1996

ICU "Job shop" plans thwarted

BY THE NEWS TEAM

Plans for a new 'job shop' for Imperial students have been put on hold because of a lack of funding. Union staff had planned to set up an employment agency as a service for hard-up students, but claim their plans have been thwarted by an unsupportive Finance department.

The scheme would have kept a database of student skills and availabilities which would then be matched with part-time

vacancies in college as the need arose. ICU had been hoping for funds to support a full-time member of staff for two years to implement the programme, after which the system would be reappraised.

Mike Hansen, IC Director of finance, insisted that he had given the scheme "a huge amount of support" even though "we haven't given them any money, because that's not the way we do it." Imperial College Union

receives its funding in a lump-sum subvention, and College puts no constraints on how it is allocated. Mr Hansen said that if the Union felt that establishing a job-shop was an important student service, then they "should sacrifice something else to fund it." Defending the College's stance, he exclaimed, "Just saying, 'Oi, Guv, give us an extra £17,000' just isn't the way we do it, regretably." He also raised questions over the welfare implications of

College actively encouraging students to work whilst studying full-time.

Matthew Crompton, ICU Deputy President (Finance and Services) insisted that the proposition would have saved IC money in the long run. Imperial's sports' centre, catering, conferences and residences divisions have spent over £200,000 to date on agency fees in order to fill job vacancies. Although many of the

Continued on page two

Professor Colin Poole of the analytical chemistry department has been inundated with calls from the press over the past week following the recent health scare on so-called gender-bending drugs in babies' milk. Professor Poole dismissed the debate on whether thiolates in milk could endanger the babies fertility as being "a total non-starter." He explained that the amount of thiolate in the highest contaminated samples he tested were ten times below the accepted level.

Professor Poole explained that the contaminants were very common, and as they are present in plastics, children are more

likely to get high doses of them from sucking the bottle than from the milk itself.

But Professor Poole welcomed the more general discussion on public health information. "The tendency has been to panic the public rather than inform them," he said, citing the recent "appallingly handled" BSE crisis as an example.

Professor Poole spoke to six newspaper reporters and two television stations on Tuesday. He was interviewed for Canadian television last night. "It was, for a very short time, a big debate," he said, "Maybe they didn't have much news that day."

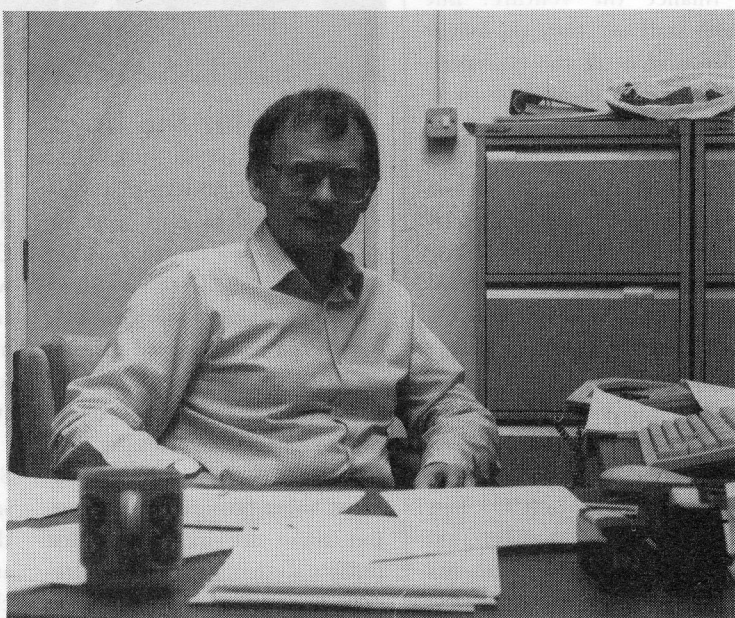
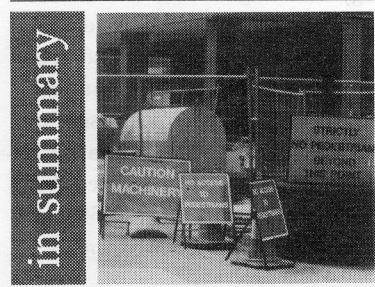


PHOTO: IVAN CHAN



in summary

Library silence

Despite the increasing disturbance to student studying during the exam period by the basement excavation, the library has taken steps to curb noise: mobile phones are now banned. **page 2**

Steve in Lucerne

Steve Ellis, IC Boat Club's coach, has gone to Lucerne for the Olympic qualifying regatta, which will determine whether he will represent Britain in Atlanta this summer.

Graduate no hopers

The 'High Fliers' survey of students at elite universities has revealed that only 27% of Imperial graduates expect to begin a full-time job when they graduate. **page 2**

continued from page one

positions available would be unsuitable for casual student staff because of the skills and hours required, the College have a continuing need for part-time cleaning and waiting staff. Matt insisted that the plans would have provided an "excellent service for students who need money, giving them reliable places to work and good employers." He said that setting up a specifically student-orientated agency would help to relieve the problem of hard-up students being abused by unscrupulous employers.

Insisting that College authorities "are trying to be sympathetic and constructive," Mike Hansen said "we're not going to say you can't and we're not going to say you mustn't". He said the idea was 'intuitively attractive' and said the College would be willing to pay a fee for the service of a system which could help provide casual staff once it was set up.

He suggested that ICU might use some of their profits from their trading outlets, including the college bookshop, to finance the venture. But Union staff say they no longer feel confident of the bookstore revenue. Rental of the new enlarged shop is expected to go out to tender this summer, and it is possible that ICU will lose the outlet to a large chain, such as Dillons or Blackwells. "The job shop is exactly the sort of initiative that will suffer if we don't have the bookstore," Matt Crompton insisted.

Revenue from the bookstore accumulated over recent years will be spent this summer on refurbishments to ICU's Beit Quad premises. A £100,000 refit of the Entertainments Lounge, as well as a possible new clubs and societies room has been planned. Matt defended the spending: "When a student goes round on open days, they look at the university's social facilities, and we need to improve them... If we lose some of our trading we will lose some of our ability to upgrade the facilities."

Silence in the library?

BY RACHEL WALTERS

As substantial excavation work continues outside the Lyon Playfair Library, IC's Sub-Librarian Richard Halls has said he is 'monitoring the situation closely'. He insisted that the contractors Schal International were doing everything possible to minimise disturbance to students during their exams, and that there had been no official complaints. The 'noise is quite localised', he said. The workmen have been doing all the 'heavy noise work' between 8 and 9.30am, before the library opens.

Mr Hall said that the noise was largely unavoidable if the plans, which will include a concert hall, a humanities centre and a new bookstore in a building with two new floors are to go ahead. "We haven't hit any snags," he said, explaining that the 'really noisy part' won't begin until July 1st, when a crane will be installed on the roof. He said that library staff are 'planning like mad' to arrange for parts of



PHOTO: IVAN CHAN

the collection to be relocated while building gets underway.

He admitted that there would be some disruption to library services over the summer, but said that staff were planning to increase students' book loan

allowances so they could take their books to study elsewhere if the noise disturbance became to great. A new temporary entrance will be located in the Sheffield building by the Great Hall while work on the new lobby proceeds.

News in brief

no jobs for the boys

A poll of over 10,000 of the UK's best finalists showed that only 27% expected to start work on completing their course. Nearly a quarter planned to continue studying, although approximately one in ten had no fixed plans at all.

Information from Britain's top 24 universities cites the BBC and British Airways as being graduates' most favoured employers. But there are indications that today's students are more entrepreneurial than ever before, as the category of 'self-employed' ranked third in the ratings. Other choices named when students were asked, "If you could work for any organisation of your choice, what would it be?" included Baywatch, The Mafia, The Sultan of Brunei, Playboy, Ann Summers and World of Leather.

LSE uneconomical

The London School of Economics is set to have a budget deficit of £2.5 million this year. Governors are said to be 'very worried,' fearing that the disastrous showing will have serious implications for the institutions long-term competitiveness and standing.

Kate Hampton, LSE Students' Union President, has said that she is concerned that the deficit will lend weight to the argument that students should be charged top-up fees.

AUT doesn't want grants either

A week after the Labour Party announced its plans to replace student grants with a long-term loans system, the Association of University Teachers has also abandoned its long-standing support for a return to state-

funded grants for all students. Delegates at last week's annual conference voted to press all political parties to address underfunding, insisting that the current Dearing inquiry should not use present funding levels as a starting point for its review.

UK research last

The UK has shown the lowest growth in expenditure on research of all the Group of Seven leading industrial nations over the past ten years.

The UK's gross domestic expenditure on science, technology and engineering was £14.6 billion, giving it an 'average' rating in comparison to its competitors. But the funding levels have not been increasing as much as other countries. Expenditure here increased by 18%, compared with 45% in Germany, and 93% in Japan.

GOTTA BE CRUEL TO BE KIND?

NAT BARB DISCUSSES THE ARGUMENTS FOR AND AGAINST ANIMAL RESEARCH

How sick can you get? A skin supplement marketed as "cruelty free" to animals was in fact made from a serum derived from the blood of laboratory rabbits. The serum was made by injecting piglet skin into rabbits and then bleeding them. But hey, don't worry – the cream wasn't tested on animals, so it's cruelty free. Now my conscience is clear: the cream's not tested on animals - it's made from them!

Here's another story.

My cousin should be dead – she has diabetes. If she didn't inject herself daily with insulin she would have died before I was born. Hooray for the wonder drug insulin! But hold on, what is insulin? Well, until recently it was basically extract of pancreas, but now it can be manufactured. Some of the decisive research work involved scientists injecting crude extract of pancreas into fasted rabbits.

I am very glad that my cousin is alive and well and that my aunt and uncle were spared the tragedy of losing a child for reasons beyond their control. Thanks to all the rabbits, dogs and other animals that suffered and died in the search for a cure for diabetes, thousands of families have been spared a great deal of agony.

If, like me, you've been looking at the posters on the escalators on the underground you may have noticed a new poster campaign launched by an organisation called RDS. It aims to redeem the image of scientists involved in vivisection and to educate the public about animal experiments. This campaign counters the activities of anti-vivisection organisations such as the National Anti-Vivisection Society who had their lab animal week last month, and the British Union for the Abolition of Vivisection. But what do these people really have to say about the rights and wrongs of vivisection?

Is vivisection defensible and if so under what circumstances? So far it seems reasonably simple – you have two similarly unpleasant experiments on animals but for extremely different functions. Animal tests are okay if they are intended to save lives, but they're despicable if their sole aim is our beautification.

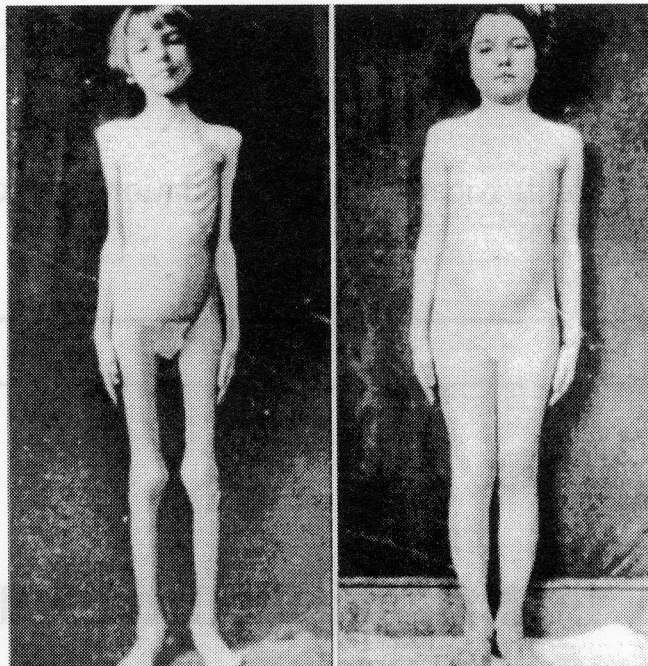
Of course, nothing is simple in the case of animal experiments. When you look deeper into the matter, particularly that of medical research, other questions begin to appear. Is it truly essential to carry out animal experiments? Is it the only effective method of research? Is it an effective method of research at all- can you really cross the species barrier?

The anti-vivisection movement thinks that there are other equally effective methods for medical research which do not require animal testing. Some would even say that animal tests are ineffective. The NAVS (National Anti-Vivisection Society) lists a whole range of instances where the effect of a drug on an animal

is completely different from the effect of that drug on a human. It therefore posits the argument that animal experiments can be detrimental to progress in medical research.

The British Union for the Abolition of Vivisection told me that they just want to move into the 21st century: "we have the technology – there are alternatives". If this is the case, then why do we continue with animal experiments?

One reason is past successes. Many eminent scientists quote past achievements using animal research as a basis for justifying animal experiments. Dr Joseph Murray, the 1990 Nobel Prize winner for pioneering work on transplant rejections has said: "There would not be a single person alive today as a result of an organ or bone marrow transplant without animal experimenta-



PHOTOGRAPHED IN 1922, THIS DIABETIC GIRL WEIGHED JUST 45LB BEFORE BEING TREATED WITH INSULIN. A FEW MONTHS LATER SHE HAD MADE A DRAMATIC RECOVERY.

tion. All the work that we did depended on the use of animals".

Those who carry out animal experiments for medical research feel they are absolutely essential. RDS, an organisation whose aim is "to inform the general public about why animals are used in medical research" says that non-animal methods are very widely used but the two methods complement each other. What is more, only 5% of research costs go towards animal studies. The British Medical Association has said that, "animal experimentation is necessary at present to develop a better understanding of diseases and how to treat them, but believes that, when possible, alternative methods should be used".

But what does this mean: "when possible, alternative methods should be used"? How is this put into practice? Britain has some of the most stringent regulations in the world for safe-

guarding laboratory animal welfare and for awarding licenses for animal research. Licenses are only granted provided certain conditions are met: if the potential results are important enough to justify the use of animals, the research cannot be done using non-animal methods, the minimum number of animals will be used and dogs, cats and primates are only used when absolutely necessary. These regulations are enforced by the Home Office who employs a team of inspectors, all qualified vets or doctors, who visit each research establishment eight times a year usually without prior notice.

All this seems eminently reasonable, but how can you measure these things? How far do you look into non-animal methods before you agree that there are no suitable ones? Both sides have very convincing arguments. Those who are for vivisection will say that they do seriously consider suitable alternatives. Those who are against will tell you that they don't: animals are cheap and so is the comparative cost of animal experiments. Those who are for animal experiments genuinely feel they are essential to progress in research, those who are against feel they are not.

To back up their arguments both groups will cite different case histories based upon very different premises and it is easy to become swallowed up in an unproductive "what if" discussion. Historical fact shows us that we have cures for illnesses as a result of animal experiments. Whether we would have these cures without animal experiments is mere speculation. Here at Imperial, Professor Collinge has been working with transgenic mice to establish if there is a link between BSE and CJD. He himself has admitted that there is a long way to go with the research and that altering just one gene on a mouse does not make it human, so what will the experiments with mice achieve?

I've not really touched on the other argument; do we have the right to experiment on animals? Can you attach a value to different species' lives and decide that one is worth more than another? There are almost certainly some very wrong things about some of animal experiments that go on around the world today. But whether they are as a whole completely unethical and unnecessary is something we have to decide for ourselves once we have waded through the maze of opinions offered by both sides of the argument.

For more information from the organisations involved contact:

RDS, 58 Great Marlborough Street, London W1V 1DD

The British Union for the Abolition of Vivisection, 16a Crane Grove, London N7

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Chapmanworld

exhibition: chapmanworld^{rachel}

column: simon baker

insight: food for thought^{tony cripps}

album: the cure - wild mood swings^{nick}

album: various - in order to dance vol.6^{k.s. pulaski}

interview/gig: stabbing westward^{vik}

singles:^{k.s. pulaski and bEA}

gig: smashing pumpkins^{paul}

film: secrets and lies^{sandals}

film: up close and personal^{spooky}

v
vi
vii
viii
ix
x
xi

simon baker

England expects every man to do his duty... and eat his beef.' So *The Sun* greeted the news that John Major had 'declared war' on Europe after over two months of almost total inaction. Douglas Hogg, as

Agriculture Minister, has proved completely ineffectual in dealing with the problem, probably meriting dismissal, and heralding the response of the Prime Minister.

It is undoubtedly the case that the non-cooperation policy was in part to fend off the prospect of cabinet resignations among the Eurosceptic ranks, but the adverse press reaction in the last few days is unjustified. Here we have a situation where Britain has given considerable ground over recent times on the promise of a relaxation of the export ban on derivative products, only to be rebuffed on every occasion. In the light of this, the frustration of John Major is completely understandable, but to view his actions as those of a desperate man is wholly misguided. The options open to Britain to deal with the intolerable intransigence of the other member states are so limited that the blanket scuppering of unanimous voting was almost the only legal option open to Britain.

Many will call this a petty example of the malice of Little Englanders, of xenophobia and misguided nationalism, when in fact all that is being attempted is the defence of our national interest. It is all very well to criticise the actions of Britain, but one must look at the incessant procrastination of the EU. One positive benefit to come out of this unfortunate situation is a close examination of Britain's position in the EU and vice versa.

It is very unfortunate that the debate on Europe in Britain has become polarised between those who believe in withdrawal and those who believe in an inexorable move towards a federal Europe. Both are, of course, patently ridiculous standpoints. The benefits of membership are clear to see, in the central areas of free trade and freedom of movement. This is where Europe works well. The Single Market has functioned pretty well and should represent the last radical change in the EU. We should now be embarking on a process of evolution to refine the system, tackling weaknesses such as the ludicrous Common Agricultural Policy.

The problem is that much of the rest of Europe, led by Germany, seems hell-bent on federalism and monetary union. Already we have a situation where the sovereignty of the UK government is being regularly undermined by the European Court and directives are being passed on the most trivial aspects of life. We are seen as bad Europeans for dissenting from the current goals of the EU, but it must be remembered that most of these policies did not exist in any shape or form at the time of our joining, nor was federalism identified as a future aim. Given



that we appear to have been sold a dummy, I think we are more than justified in being a little peeved.

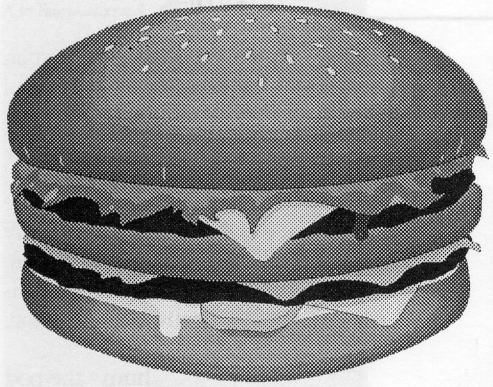
As I'm sure you will appreciate, dear reader, I am not a man who likes to say 'I told you so' (and if you believe that...) However, while poring over old copies of *Felix*, I noticed in issue 1040 that I expressed my doubts about your friend and mine Ghassan Karrian, erstwhile ULU president. I said that 'we are mere pawns in the Karrian game plan designed to propel him into Westminster.' And what do you know, as soon as the NUS have been kicked into line, paving the way for Labour's new loans scheme (I think that's U-turn no. 245), our man does a runner to re-emerge as Senior Campaigns Coordinator for West London, baby-kisser-in-chief.

To call his actions cynical doesn't even come close to describing the despicable way in which he has behaved of late. Arguably his absence will help ULU immeasurably, since he doesn't seem to have done much for London's students this year and we can only wait for Sarah White to pick up the pieces left by him. The thing to do now is to get him removed from the post, by a vote of no confidence or any other trick in the constitutional rulebook, so that he realises that we are not prepared to tolerate his behaviour. As for becoming a Labour spindoctor, he has all the right qualities: arrogance, the ability to sacrifice anyone or anything for the cause, deception and the skill of speaking in such vague terms that it is barely possible to discern his subject, let alone viewpoint. Ghassan Karrian makes Peter Mandelson look positively wholesome, which is probably the most vitriolic attack one can make on a Labour supporter.

Having dwelt on Europe somewhat this week, there is not much space for news in College, which is just as well since nothing has happened. I could talk about the Rag fete, but I can hardly bring myself to intrude on private grief. As I said to one of the Raggies recently, when asked why I hadn't mentioned them for months, I don't like to kick a man when he's down. That said, I could not help laughing at the news that only six people pitched up, most of them Rag hacks. I know the weather was awful, prompting the relocation, but this does suggest that the interest in the event was on a par with a Socialist Worker rally in Belgravia. OK, I lied about the grief intrusion bit.

Finally, more disturbing conversations in Southside Bar. I, and earlier one of the bar staff, had an animated discussion with one of the punters, who passionately believed that the beer in the Union was better than in Southside. As I realised my chances of making him see sense were on a par with the likelihood of converting the Pope to Protestantism, we had to agree to disagree.

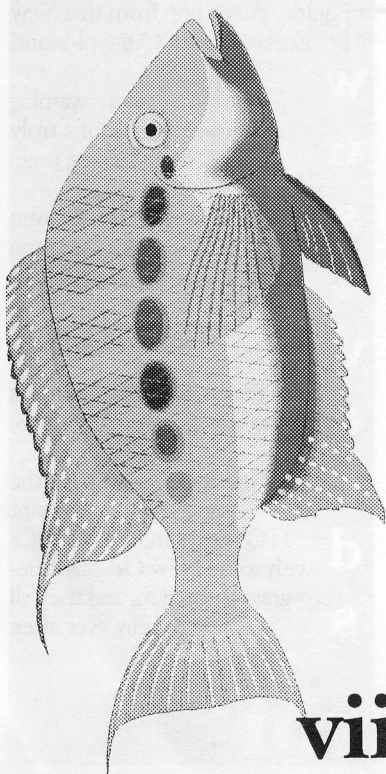
“Ghassan Karrian makes Peter Mandelson look positively wholesome, which is probably the most vitriolic attack one can make on a Labour supporter.”



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Food for Thought

The relationship between a balanced diet and good physical health is well known. However, the latest research points to a similar link between food and intellectual performance. **Tony Cripps** reveals how eating sensibly could provide a mental boost to help exam success.



vii

It's exam time. Endless study and revision makes you hungry but you feel guilty taking time off to cook for yourself or to go out for a meal. Instead you choose to save time by taking the convenience route – a burger, fish and chips, kebab or the like from the local take-away. Sounds familiar? In fact, although it may give you extra study time, a fast food diet may actually compromise your exam performance.

A diet containing a lot of saturated fat and cholesterol may not just lead to obesity and heart disease but may also severely curtail intellectual functioning. High blood cholesterol, and the blood fat triglyceride, are associated with depression and consequently with reduced levels of concentration and motivation. Academic performance will tend to suffer as a result.

Charles Glueck of the Jewish Hospital, Cincinnati, attributes these effects to 'blood sludginess' caused by saturated fats. This makes it harder for the blood to transport sufficient oxygen to a ravenous brain. Brain activity is consequently reduced and, in the long-term, neuronal death may result. This is confirmed by the presence of mini brain-lesions and blood clots in the brains of experimental rats fed on a high fat diet. The best advice would be to cut down on these foods in your diet if you want to keep up a good academic record.

Despite this, some fats are essential to healthy brain functioning, specifically the essential fatty acid (EFA) linolenic acid, also called n-3. It is a vital component of brain cell membranes and needs constant refreshing. It is no surprise, then, that a lack of n-3 is likely to have negative effects on brain function.

Experiments conducted by William Connor, of Oregon Health Services University, confirm this idea. A lack of n-3 during the development of Rhesus monkeys lead to conspicuous neurological defects. In cats, a good supply of n-3 protects against brain damage and aids repair when damage occurs as in the case of cerebral stroke.

These findings give reason to believe that a lack of n-3 may compromise intellectual performance in adult humans. However, the polyunsaturated oils, such as sunflower oil, promoted for health reasons contain little n-3. Connor argues that rapeseed, soybean and walnut oils would make better alternatives, providing mental, as well as physical, health benefits. Better still is fish oil, the n-3 derived from it most closely resembling the cell membranes of neurones. The old adage that fish is brain food seems to be more

than just an old wive's tale.

Another important factor affecting brain power is the presence of neurotransmitters (NTs) that carry messages from neurone to neurone. The precursors from which the body manufactures NTs are also supplied in the diet. A shortage of precursors in what we eat may result in a deficiency in NTs which can severely disrupt the workings of the brain. Functions such as memory, attention and mood may be most at risk if your diet does not contain enough NT precursors.

A good example of this is the shortage of acetylcholine (ACh) in the brains of Alzheimer's patients. This lack of ACh produces a marked impairment of memory. However, according to Barbara Strupp of Cornell University, raising the level of the precursor, choline, in the diet of Alzheimer's sufferers may help to alleviate the problem and slow the degeneration of the brain. A report produced by the American army in 1994 indicates that increased choline intake in the form of eggs, organ meats (liver, kidneys etc.) and

leguminous vegetables such as peas and beans, in the diet of normal people may have similar, albeit lesser, effects on memory and reaction time.

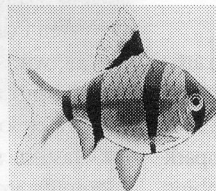
In addition to EFAs and NT precursors, the brain also needs a continuous supply of glucose to power its activity. Furthermore, ingesting sugary foods such as chocolate (from which glucose is obtained) may cause the brain to release endorphins, its natural opiates, giving a strong sense of well-being. Experiments with both rats and people have found that a well-timed shot of glucose can greatly improve mental functioning on a variety of tasks.

Paul Gold, a psychologist at the University of Virginia, has found that the biggest improvement in human subjects is

on reading retention tests. This would be of obvious advantage to students cramming for exams but Gold advises caution. Too much glucose can trigger a hypoglycaemic response, similar to diabetes, and actually reduce mental performance by depleting blood glucose. However, in moderation, sugars such as glucose may well have a beneficial effect on our intellectual functioning. Try experimenting!

The field of nutritional neuroscience is only in its early stages but already the findings suggest that a more carefully controlled diet may benefit the mind, as well as the body. If you choose to try any of these methods to improve exam performance it's probably not advisable to expect success, but you may become a better cook.

'The old adage that fish is brain food seems to be more than just an old wives' tale.'



album: the cure - wild mood swings nick

Long lasting memories of The Cure will always be of three things; an old school desk with the 'curly' version of the bands monicker carved lovingly into it, the Newman and Baddiel parody with Robert Smith's version of 'The Laughing Policeman', and the age of Goth. All these things have now passed away but the band that inspired them all still lives on, albeit in their umpteenth incarnation.

This album does not have the great expectations associated with it that 'Wish' had. Instead it has just crept into the collective consciousness, once again has entered the charts and will stay there until all the thirty-somethings, twenty-somethings and everyone else and their dog has bought it. It is this universal appeal, without the generally associated loss of credibility, that has kept The Cure going.

As soon as the first sounds of 'Want' trickle from the speakers you know that this is an album by The Cure. It's that unmistakable sound - the jangly-echoey guitar that cuts through everything, the crashing drums and then Robert Smith's

vocals/screaming kicking in with "I'm always wanting more, anything I haven't got, everything, I want it all." Cure lovers will not be disappointed by the rest of the album. Inspired brass on the recent single 'The 13th' makes it the standout track and a tip of the hat to Johnny Marr on 'Mint Car' does no damage at all to the 'Friday I'm in Love' of the album. The last five tracks are trademark productions; one line titles ('Numb', 'Return', 'Trap', 'Treasure' and 'Bare'), heart-rending delivery, and lyrics that just have to be sung in a baggy black jumper ("Tired of it all, hopelessly broken apart, he finally falls"). It's pure nostalgia.

The fact that it's all nostalgia could be a problem. The Cure are the same as they always were, but having said that would you really want them to change? Some things just have to stay the same and an album by R. Smith & Co. should sound like this with all its jangly guitars and angsty lyrics. 'Wild Mood Swings' is a bit of a throwback to the seminal Cure album 'Disintegration', an '80s album if ever there was one. Much of the excess of the '80s has thankfully died but The Cure have not. Long live The Cure. (8)

album: various - in order to dance vol.6 k.s. pulaski

Drum-and-Bass, Jungle, whatever you want to call it, is where it's all happening these days. It's the only new form of music that's emerged this decade and has superseded techno as the source of boundary pushing. It's also becoming big business and almost every record company is releasing drum-and-bass compilations which are usually shameless cash-ins. However, some compilations (like this one) show off what a diverse range of talent exists in this musical area.

The album's twenty-one tracks mostly opt for soothing keyboard washes and jazzy inflections

rather than the hectic urban paranoia from which Jungle sprang and often reflects. Rising star Alex Reece gets three tracks, my favourite being his glorious remix of Kenny Larkin's 'Loop 2'. TNF's '5 Miles High' plots a similar course to PFM's classic 'Western' and is every bit as evocative. On a darker note are Lemon D's 'Manhattan Melody', which switches from queasy jazz to darkcore scariness in a heartbeat, and the off-kilter blur of the Locust remix.

And that's just the first CD. The second is just as good, but perhaps even more hallucinatory, the tracks melting into a soft-focused haze that's lovely, lovely, lovely. A wonderful compilation! (9)

interview/gig: stabbing westward vik

I thought rock stars were supposed to have an attitude. You know, leave journalists waiting for hours while they go and trash a hotel or something. Not Christopher Hall, the larynx and creative spark behind Chicago techno-metallars, Stabbing Westward. No, he's practising his roller-blading inside the Camden Underworld and is more than willing, even yearning, to do an interview with the humble scribes of Felix.

The man himself is disarmingly pleasant for someone who has vented his spleen over such brooding and intense music as is contained on the band's albums 'Ungod' and 'Wither, Blister, Burn + Peel'. His response to a story that that purveyor of priceless prose, Kerrang!, had run the day before about him supposedly stripping for Playgirl is typically self-effacing: "That will never happen. C'mon look at me - I'm not exactly handsome."

He also refuses to diss any other bands, and is the model of diplomacy even when talking

about bands that he's not enjoyed touring with such as White Zombie. "Did I like them as people? Well I didn't dislike them. I didn't really like playing with them, though. They're a real heavy metal band and their audience was looking for Pantera or somebody. We were playing our hardest, fastest songs but that's not us; our best moments are when we switch from being really quiet to really loud in a single heartbeat."

Thankfully there was plenty of opportunity for Stabbing Westward to produce their best moments in front of their own, adoring crowd that evening. Aggressive tunes like 'Control', 'Lies', and the masterly 'A.C.E.', sat comfortably alongside more trancey, yet equally angry sound-bites like 'What Do I Have To Do?', and proved (as if it needed to be) that this band has almost more classic songs than it knows what to do with. Chris informed us that there were a lot of promoters there tonight judging Stabbing Westward's festival-playing potential. On the basis of this performance the band are going to have a busy summer...

singles: k.s. pulaski and bEA

grant lee buffalo - homespun Nice, but they should be careful or they'll become just another "mature" Yank rock band.

cradle - second nature
New venture for Terry Bickers, ex-Levitation man. The songs take about six minutes to do absolutely nothing.

hum - the pod
More white boys with loud guitars. One of the band looks like John Major - does this have anything to do with the greyness of the music?

mansun - two e.p.
Undeniably energetic but then so is running around in circles. Oddly unconvincing.

asian dub foundation - change a gonna come
More like it. Fiery rap with jungle overtones. Proof that there's more to British rap than 'Call It What You Want' and its ilk.

his name is alive - universal frequencies
'Beech Boys' is a cool pastiche of, yes, Brian Wilson's boys. The songs full of half-heard sounds and odd textures. My single of the week.

swv - you're the one
Superior swing with a mix featuring the vocal talents of Busta Rhyme to boot.

garageland - come back special
Five solid slabs of Pavement-esque, quirky guitar pop from this New Zealand band. Quite pleasant!

aka - warning
A prime example of a truly awful swing tune.

sarah washington - heaven
A rather fine diva-led piano house anthem, replete with a stomping, garagey re-working by Jazz 'N' Groove.

the high llamas - nomads
Is this a joke?! Absolute dross.

fun lovin' criminals - the grave and the constant
JTQ meets the Stereo MCs with some New Orleans bluegrass thrown in, and they all live happily ever after.

listings:

ash + scarfo + jocasta - 31 may - forum - £
dog eat dog + dub war - 31 may - la2 - £8
mike flowers pops - 31 may - shep bush empire - £10.50
the cure - 31 may, 1 june - earls court - £17, £18.50
neil diamond - 31 may - wembley arena - £27.50
transglobal underground + phluide - 31 may - ulu - £8
spacehog - 31 may - garage - £5
edwin starr - 31 may, 1 june - jazz cafe - £10
francis dunnery - 1 june - borderline - £6
bad religion - 4 june - brixton academy - £8
the fugees - 5 june - forum - £12
rocket from the crypt - 5 june - astoria - £8
kitchens of distinction + the dandy warhols + c-strippy - 5 june - powerhaus - £ring
the real people - 5 june - garage - £ring

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ix

gig: smashing pumpkins^{paul}

Like it or not, alternative music is now very much the mainstream. Gone are the days when arenas and stadia were the sole preserve of the so-called "supergroups". Nowadays, the stages of these venues are graced by the kind of subversive layabouts your mother always told you to steer clear of. Nirvana started the trend. Within three years of playing tiny underground clubs, they were doing the stadium circuit in America. Pearl Jam followed and overnight there were hundreds of grungey, Nirvana rip-offs touring the world and ultimately boring the pants off us. One of the sad consequences of this trend is that the good bands, the ones you used to love going to see in nice, small, intimate venues are playing enormous, soulless caverns like Wembley Arena. If you haven't seen a band at Wembley Arena then just imagine sitting in a huge box with a transistor radio at full volume at one end.

Fortunately, Smashing Pumpkins are good enough for the big sound to go a long way towards filling the said box. To be fair to them they're not a Nirvana rip-off, having arrived on the scene at about the same time, and they've managed to achieve massive success without compromising their music in any way. Tonight they play a brilliant set, most of which comes from their latest album, 'Mellon Collie And The Infinite Sadness'. The most striking thing about their performance is how mellow they've become. It's all a far cry from the time when Billy Corgan used to try to

rip his hair out and smash up the band's equipment three songs into the set. Actually, he's shaved his hair off completely and stays rooted to the centre of the stage for most of the gig, leaning over his guitar and looking not dissimilar to an extra from Alien Nation. He's obsessed with his end of song "How much distortion can I get out of my guitar?" routines, though. The problem is that he's rubbish at it. There's none of the weird and wonderful noises that people like Neil Young and J Mascis of Dinosaur Jr. coach out of their guitars, just a wall of uninspiring sound. These are the only points where the crowd get a bit bored, waiting patiently for the spoilt child to finish playing with his toy. Apart from that it's great.

Smashing Pumpkins gigs have always been one big emotion overload and tonight is no exception. Something about the music always makes you start wallowing in one emotion or other, even if you've no idea what Billy's ranting about. The fast, angry ones come across best, particularly 'Bullet With Butterfly Wings' with n-thousand kids screaming, "Despite all my rage I'm still just a rat in a cage." How true. Except that it's more of a box really.

They play three encores featuring an unlikely cover of The Cure's 'In Between Days' and a three-drummer sort of tribal war-dance thingy (there's no other way to describe it). All in all it was a superb gig. I'm just jealous of all the people who managed to get tickets for the following night at Brixton Academy.

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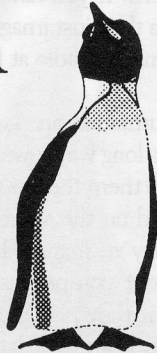
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—Café-bar—

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bar

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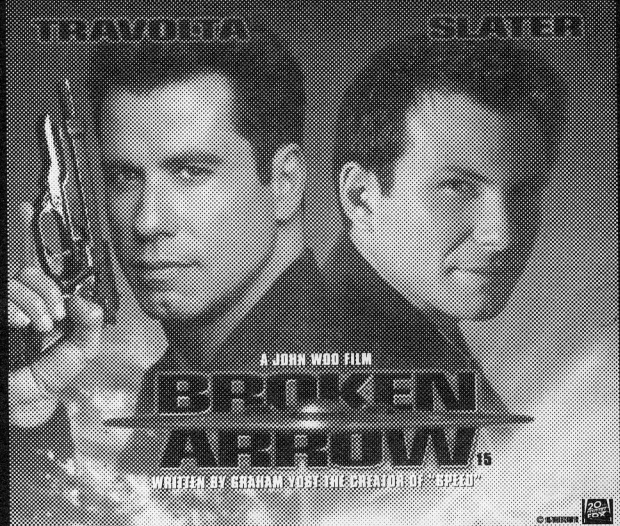
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ICU Cinema £2 Imperial College or ULU students & staff.
Compulsory annual membership of 50p
(payable on first visit)

PREPARE TO GO BALLISTIC!

TRAVOLTA SLATER



A JOHN WOOD FILM
BROKEN ARROW
WRITTEN BY GURHAM JOY THE CREATOR OF "SPEED"


Wed 5th at 6pm
Thurs 6th at 8.30pm

Wed 5th at 8.15pm
Thurs 6th at 6pm

JOHN TRAVOLTA GENE HACKMAN RENE RUSSO AND DANNY DEVITO

WINNER GOLDEN GLOBE
—BEST ACTOR JOHN TRAVOLTA—

GET SHORTY¹⁵



June 2nd is NATIONAL CINEMA DAY
All films in all cinemas will cost £1
See press for details.

Doors open 15 minutes before time stated.
ICU Cinema is no smoking but drinks from
Da Vinci's bar are welcome. E&OE; ROAR

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STA
STA TRAVEL

celluloid guide: this week

odeon kensington
01426 914666
secrets and lies
11.55, 3.00, 6.05, 9.10,
toy story 12.15 fri-sun
the birdcage 1.20, 4.05, 9.35
from dusk till dawn
1.30, 4.05, 6.40, 9.15
muppet treasure island
12.50, 3.20 fri-sun
spy hard
12.35, 2.45, 4.55, 7.05, 9.15,
11.15 fri & sat
tube; ken high street. £7, £6,
£3.50 before 5pm mon-fri,
£4 before 5pm sat-sun

mgnm fulham road
0171 370 2636
primal fear
12.30, 3.20, 6.10, 9.00
kids 2.00, 4.30, 7.00, 9.30
secrets and lies
12.10, 3.10, 6.10, 9.10
mr holland's opus 2.30, 6.15
12 monkeys 9.15
the birdcage 1.00, 3.40
executive decision 6.20, 9.20
tube; south ken then bus
£6.20, £3.70 students and
before 6pm

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film: up close and personal spooky

Bearing a passing resemblance to Gus Van Sant's *To Die For*, *Up Close and Personal* follows the meteoric rise of a small-town nobody to big-time TV personality, but whilst the former was a wickedly satirical black comedy, this is little more than a standard rags-to-riches story.

Michelle Pfeiffer plays Tally Atwater, who gets a job at a Florida local news station run by former big-shot Warren Justice (Robert Redford). He takes it upon himself to groom Atwater into network material and predictably they fall in love. Then she moves to Philadelphia to become an anchorwoman and begins to flounder, until Justice quits his job to join her.

This is hardly the most original of plots and

the only redeeming aspects of the film are the performances from Pfeiffer and Redford. Somehow, despite the script, they manage to maintain their dignity and there is even some chemistry between them. The supporting cast aren't given enough screen time to be more than instantly forgettable and it is only Stockard Channing's super-bitch anchor who leaves any lasting impression.

Up Close... is a typical Hollywood studio movie, which relies on the pulling power of its stars rather than the quality of the script. This is a nice, safe, feel-good movie; the person upon whom the Atwater character was based actually lost her network spot due to a cocaine overdose and died at 35. Such socially unacceptable character development would appear to be unsuitable, even if it would have made a better film.

film: secrets and lies sandals

I am unwilling to give away too much of the plot: suffice to say that this film centres around two siblings; Cynthia (Brenda Blethyn), a dowdy single mother with a grown-up daughter and a factory job, and Maurice (Timothy Spall), a successful portrait photographer with a wife and a big house, but no children. The film spans the a month or so before a barbecue held to celebrate Cynthia's daughter Roxanne's twenty-first birthday, and the rising tensions are triggered by Hortense (Marianne Jean-Baptiste), a young woman who becomes friendly with Cynthia.

The acting in this film is excellent, and Brenda Blethyn is especially good, but to single

her out would be unfair. This film really works because you do not see any actors at all, only people you walk past on the street every day.

The main difference between this film and *Naked*, Mike Leigh's last film, is that *Secrets and Lies* is not as down-beat. The characters are not so tired of the world, and although their lives are often painful, they remain optimistic. Like *Naked*, there is also plenty of humour to lighten the load, and the background musical ditty is upbeat, saying "there is something about to happen, life isn't dull!"

My only warning about this film is its length; at 140 minutes long, be prepared for it to eat up your evening. Otherwise I could not recommend it more.

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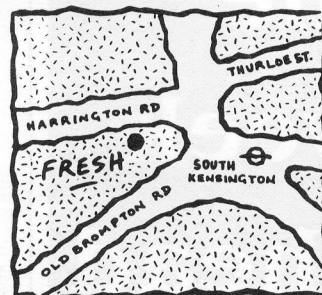
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friday

31
may

Amateur Radio Society (HamSoc)
1pm. Top floor of ICU. (R)

Rag Meeting
1.10pm Ents Lounge. (R)

Pakistan Society
3 - 5pm. Basketball, union gym. For details contact Kashif, aero II, k.ahmed@ae.ic (R)

Wing Chun Kung Fu
5-7pm. Union Gym. Beginners welcome. 1st lesson free. (R)

Fitness Club
5.30pm. Advanced Step Aerobics. Southside Gym. (R)

Ents
9-2am. Hot four band action!! The return of the College band night... **Abandon 2**. The four bands in action are Pause, Fold, Urban Spice & Funk 'n' Disorderly, bringing you a wide range of up and coming talent.

If you want to come and support our own talent, the first band is due on stage at 9pm. Tickets are a measly £1 on the door or free before 9pm, so get there early and take advantage of the special offer on Carlsberg Ice (only £1 a go!)

And once the bands have finished, the **Common People** take over the decks to bring you the finest selection of top current & retro Indie tunes. There's also a chill-out room in the UDH.

Free minibus service
Bus service leaves from in front of the union, taking lone female students home to anywhere in central London. First run mid-night, last run 2am. See Beit Security for times. (R)

friday

the
week
ahead

saturday

1
june

Gliding Club
Gliding at Lasham Airfield. Contact gliding@ic.ac.uk. Come to the Thursday meeting first. (R)

saturday

Summer Carnival

Can it really be that time already? Yes, it's only four weeks until the biggest end of term Carnival of the year. This year's Summer Carnival is on June 28th and promises to be 6 hours of total fun in the sun. For your pleasure there's going to be (take a deep breath...) four different rooms, with live music from Succulent who do a garagey vocal sort of thing, hard house from James Hockley, plus top Pulpy-/Sleepy pop from the glamorous Showgirls. There's full-on Reggae in the gym, Chilling-out and cocktails courtesy of Malibu in the UDH, and the Poodle-

sunday

2
june

Gliding Club
Gliding at Lasham Airfield. (R)

Wargames
1pm. Table Tennis room. (R)

sunday

Chaos crew in the concert hall. They'll be bringing guest DJs, backdrops, a tarot reader, and the magnificent 7-colour laser is back as well. If you just fancy a cheesy boogie, the Pop Tarts will be taking over the Ents Lounge.

Prop Art will be supplying us with the best club decor throughout the building, so keep your eyes open for the three foot high bumble bees! There's going to be live music in the Quad, jugglers, a barbecue and a glass of Archers and lemonade to everyone who gets in!

All that fun is yours for just £5 (or £4 with an entscard.) Tickets are on sale in the union: if there are any left (there weren't last year!) they'll be £6 on the door. Don't miss out on what promises to be a huge event.

monday

3
june

Student Industrial Society
12 - 2pm. Table Tennis room, Union building. (R)

Fitness Club
12.30pm. Beginners body toning (45 mins)
5.30pm. Beginners aerobics
6.30pm. Intermediate aerobics. Southside Gym. (R)

Ski Club
5 - 5.45pm. Southside Upper Lounge. (R)

Concert Band
5.15pm. Great Hall. Any ability. (R)

Cross Country
5.00pm. Circuit training. Union gym. (R)

IC 2nd Orchestra
7 - 9pm. Great Hall. All welcome. (R)

Methsoc
6pm. Prince's Gardens Ecumenical Group. Chaplaincy Office, Northside. (R)

monday

Science Museum

Tuesday 4th June at 1pm:
Dr John Gribbin presents a 45 minute lecture on his book "Companion to the Cosmos: How to make a universe out of nothing at all", and will be signing copies afterwards.

Tickets are free, from Dillons in the Science Museum or phone 0171-938-8255.

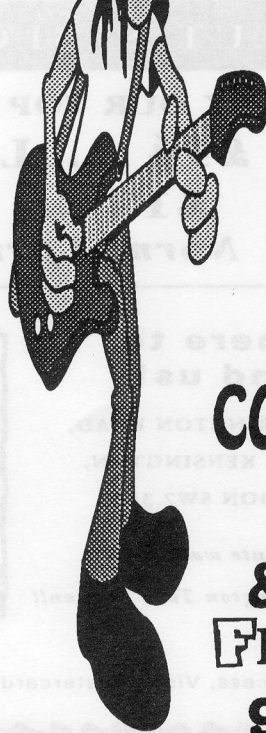
Clubs and Societies

You are rapidly running out of time to get your entry into the 1996 ICU Handbook. It's a chance to get FREE publicity to every Fresher, landing on their doormat before term starts next September.

Write no more than 300 words detailing what sort of thing your club gets up to, preferably including a photograph and/or a society logo. Then get them to the Union office as soon as possible!

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ABANDON 2
Funk 'n'



Disorderly
Urban Spice

FOLD

Pause.

COMMON PEOPLE

INDIE NIGHT

& chill out room

FRI. MAY 31ST

9 - 2. £1 / FREE

tuesday**4**
june**Cathsoc**

12.00 pm. Bagritt Centre, Mechanical Engineering. (R)

Yacht Club

12.30pm. Lecture theatre 2, Physics. (R)

African Caribbean Soc

12.30 - 1.30pm. Room G02, Materials. All welcome. (R)

IC Sailing Club

12.45 - 1.45pm. Southside Lounge. (R)

AudioSoc

1.00pm. Brown Committee Room. Want to buy cheap CDs? Interested in borrowing high-end Hi-Fi? We have it all! (R)

Photo Soc

1.00pm. meeting in Southside Lounge. (R)

Circus Skills

5 - 8pm. Ents Lounge. Contact sdh@ee.ic.ac.uk for details. (R)

Fitness Club

5.30pm. Advanced step aerobics. (R)

IC Bridge Club

6pm in the Clubs Committee Room. (R)

IQ

9.00pm. Union Bar. Further information from: pink-help@doc.ic.ac.uk or http://pink.doc.ic.ac.uk/IC/ (R)

Canoe Club

7pm. Beit Quad. All levels welcome, and free instruction. (R)

Ents

8pm start. DaVinci's Bar Trivia, £50 cash to be won! Dan the trivia man continues! Lots easier than your exams, and more likely to earn you instant cash!

t u e s d a y**IC Radio**

The Electronic Cafe Special. Tuesday, 9pm until midnight. Alick and Pete continue their run of big-name DJ's: this week Lee Grainge and Dave Brook (both of Fat Cat) will be playing 1 hour mixes of pure techno and Jungle. This is a show definitely not worth missing.

wednesday**5**
june**IC Sailing Club**

12.15pm. Meet at Southside, go sailing. (R)

Skate Society

12.15pm. Southside Lounge. Contact Alex a.cinelli@ic.ac.uk, 0171 352 9111 (R)

Motorbike Club

12.45pm. Southside Lounge. Contact Ian Robinson, i.robinson@ic for more details. (R)

Wargames

1pm Table Tennis room. (R)

Fitness Club

5 - 6pm. Southside Gym. Intermediate/Advanced step class. (R)

Squash Club

3.20 - 5.20pm. Sports centre. (R)

IC Symphony Orchestra

7 - 10pm. Great Hall. (R)

Wing Chun Kung Fu

1.30 - 3.30pm. Union Gym. Beginners welcome. 1st lesson free. (R)

Chess Club

6.30pm. Brown Committee Room or Clubs Committee Room. (R)

Ents

9-12.You know the score... Frolik!

w e d n e s d a y**Dour Festival**

From 11th - 14th July in Belgium, just 80km from Brussels.

This is one of Europe's best festivals with music styles ranging from the groove of the last hip-hop and rap bands to the latest dance beats and indie sound. The line-up includes Iggy Pop, The Bluetones, Placebo, Frank Black, Madball, Terrorvision, Def Con Dos, The Brotherhood, Ministry, The Young Gods and Sugar Ray to name but a few.

Tickets for the four days with camping cost £35 and are available from London Calling Music, 22 Bardsley Lane, SE10 or phone 0181-293-9773.

thursday**6**
june**Fitness Club**

12.30pm. Southside Gym. Die Hard circuit training. 5.30pm. Beginners aerobics. (R)

ConSoc1pm. Southside. <http://www-su.ic.ac.uk/clubs/societies-scc/consoc/home.html> (R)**Gliding Club**

1pm. Meeting in Aeronautics 266. (R)

YHA

1pm Southside Lounge. "Take a walk on the wild side." (R)

Yoga Soc

6.15 - 7.45pm. Table tennis room. Beginners' Kunalini class. mpn@doc.ic, ex 48237. (R)

icsf

6.45pm in the Library. Meet up to go to the Ton.

Christian Union

6.30 - 7.45pm. W2 in Biology. (R)

Mountaineering Club

7pm. Meeting in Southside. (R)

ICCAg

8.15pm. Weeks Hall basement. Soup run for the homeless. (R)

Skate Soc

Night skate - all welcome. Contact a.cinelli@ic.ac.uk for more details. (R)

Motorbike Club

7.45pm meet in Southside. Rides in and around London. Any size and shape of bike welcome. Contact Ian Robinson, i.robinson@ic for more details. (R)

Ents

8pm Casablanca it ain't... Very nice drinkies it certainly is. Cocktail Night. DaVinci's.

t h u r s d a y**Rifle and Pistol Club**

Mike Eustace came equal 3rd and Andy Eldridge came equal 5th in the West Kent Rifle League's Lewisham Cup. These were out of a field of 65 competitors.

friday**7**
june**Amateur Radio Society (HamSoc)**

1pm. Top floor of ICU. (R)

Rag Meeting

1.10pm Ents Lounge. (R)

Pakistan Society

3 - 5pm. Basketball, union gym. For details contact Kashif, aero II, k.ahmed@ae.ic (R)

Wing Chun Kung Fu

5-7pm. Union Gym. Beginners welcome. 1st lesson free. (R)

Fitness Club

5.30pm. Advanced Step Aerobics. Southside Gym. (R)

Ents

9pm-2am. Hedonizm - top club-by types of tunes and chill-out room.

f r i d a y**next diary
deadline:
noon,
June 3rd**

In an endeavour to keep the diary as up-to-date as possible, we need current information on this term's meetings. All regular entries (noted by an 'R') are appearing for the final time in this issue unless they are re-confirmed by noon on Monday 3rd June.

**the
week
ahead**

LETTERS TO FELIX

EDITED BY TIM ST. CLAIR

no context

Dear Felix,
Ah, the joys of out-of-context quotes! In Rachel's editorial last week, I am quoted as saying that it would take major civil unrest for college to listen to student opinion. This is not true. I intended to say that student representation on the college examining committees is unlikely. Student opinion is considered, no, requested by all board of studies committees. These committees concern themselves with the quality of all academic courses at Imperial. The students who are asked about student opinion are the ICU president, CCU academic affairs officers and the ICU graduate affairs officer. Often these people are unable to consult a wider range of opinions before representing the student populace, but they try. Basically, student opinion is consulted on most academic matters.

I am sure that student opinion is also requested in many other areas. The only glaring omissions as far as I can see is the lack of student presence on the examining committees and the college management planning group. It is not unreasonable that students are not on examining committees, as these committees

often discuss individual students. I felt that the calculator issue should have been discussed on the undergraduate studies committee which has five student members. Perhaps a student presence on the management planning group would reduce student concerns that the college's need to raise revenue may detract from the needs of the students. But I fear that students are unlikely to be invited to join this group.

Yours,
Matt Szyndel
RCSU AAO

posterred

Dear Felix,
Obviously, IQ posters are in high demand with the trend conscious IC students. Eager students have snapped up copies around college. I must stress this is not necessary as personal copies can be easily obtained by contacting gaysoc@ic.ac.uk

Yours sincerely,
IQ President

wem-ber-lee

Dear Rachel,
I have always found Simon Baker's column an enjoyable read but like "Private Eye" he's not going to let facts get in the way of

a good story!

If I were to play Simon at his own game, I'd say that he can't count and he can't read: there aren't as many as 12 people accommodated in the Admissions Office which he likened to the Wembley Arena and the admissions form he was asked to complete makes it clear right at the top that the application is being made to Imperial College.

Simon is, of course, correct about some things. Yes, the Registry did ask for references. Departments usually require these because individual students applying from inside the College may not be known to selectors. Furthermore all applicants are in competition for places and need to be considered equally by selectors. Yes, I agree it does seem daft that internal applicants are asked to provide details of 'A' level results we already know. The problem is a practical one of capturing the information on the form without having to have even more people in the Admissions Office inserting it so that we'd need a room the size of Wembley Stadium instead of the Wembley Arena! We are, however, redesigning the form at the moment so we will see what can be achieved.

Yours sincerely,
F V McClure
Academic Registrar

PS Nigel Wheatley is not yet the

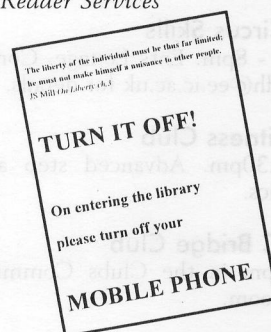
Registrar but, on the strength of Simon's article, he's put in for a pay rise!

heads ringing

Dear Felix,
Simon Baker writes: "Cambridge do have the upper hand in one respect. They've just banned mobile phones from all their libraries. Please take note."

I am sure Mr Baker and other sufferers would like to know that, after discussion at the College Libraries Committee, it is now Library Policy that mobile phones should not be used in the College Libraries. This follows complaints from students and staff about noisy conversations and ringing phones left unattended on desks. Notices will be posted in libraries this week.

Yours sincerely,
Richard Halls
Sub-Librarian,
Reader Services



Letters may be edited for length. Deadline for letters in Felix 1060: midday, Tuesday 4th June

Elimination by Clansman

- | | |
|--------------------------|---------------------------|
| a. Holds those who saw | k. Vehicle for telegrams? |
| b. Two homonyms | l. Two with pilot |
| c. As cold as can be | m. A late tale! |
| d. Two linked with horse | n. Two anagrams |
| e. Sweet youngsters? | o. High-voltage colour? |
| f. Two making sea term | p. Two sports |
| g. Ghost's light? | q. Space for joints? |
| h. Two elements | r. Two with point |
| i. Contracting holder | s. A liquid force! |
| j. Two synonyms | t. Two with big |

- | | | |
|-----------|------------|---------------|
| 1. Bow | 15. Bough | 29. Silver |
| 2. Box | 16. Board | 30. Bedtime |
| 3. Car | 17. Cable | 31. Clothes |
| 4. Top | 18. Elbow | 32. Curling |
| 5. Band | 19. Jelly | 33. Decimal |
| 6. Cart | 20. Light | 34. Elastic |
| 7. Lamp | 21. Power | 35. Pierces |
| 8. Pink | 22. Story | 36. Recipes |
| 9. Polo | 23. Appear | 37. Witness |
| 10. Room | 24. Babies | 38. Absolute |
| 11. Seem | 25. Cheese | 39. Shocking |
| 12. Star | 26. Copper | 40. Automatic |
| 13. Zero | 27. Pardon | 41. Hydraulic |
| 14. Blank | 28. Spirit | |

Due to a distinct lack of response (and the fact that the solution and prizes haven't arrived yet), we've decided to extend the deadline for entries to the Daily Telegraph prize sports crossword. So, if you still fancy a go at winning the £25 sports voucher or a T-shirt, bring your completed crossword along to the Felix office before 6pm next Wednesday (the 5th). Back issues of Felix are still available from the office if you threw away your half-finished grids in frustration...

VACANCY

ASSISTANT WARDEN

LINSTEAD HALL

Applications are invited for the position of Assistant Warden of Linstead Hall, which is available from October 1996.

Linstead Hall, in Princes' Gardens, is one of the liveliest halls of residence. It houses 192 students, primarily first year undergraduates. The Hall is run by a Warden, an Assistant Warden and two subwardens whose responsibilities include managing a small bar and arranging evening meals.

Application forms and an information pack can be obtained from the Establishment Office, Personnel Division, Room 513, Sherfield Building, Tel. Ext. 45533 or 45532. Any non-undergraduate of the College may apply, but experience of pastoral care of students would be an advantage.

Closing date for receipt of completed applications: Monday 17th June 1996.

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Night**

Every Thursday

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NON-ALCOHOLIC COCKTAILS

FELIX

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machinations

To paraphrase a great office-wall slogan of our times, to exhibit a spot of bad customer care is human, but it takes a machine to thoroughly ruin your day.

Felix is, as far as I know, the only student newspaper in the country that publishes weekly. It's also the only one that prints in house, which means that my week doesn't finish when I have written a rather hurried editorial, but only when I have taken tens of thousands of bits of paper and fed them through a collating, stapling and folding machine.

At some point last Thursday evening the motor of said machine developed an electrical fault and ground to a halt. Had it not been for the Islamic Society, we would have had no Felix. I reckon that it took approaching 45 man hours to put 4200 copies together by hand (that's 21,000 bits of paper...) So seeing as we didn't really get underway until 1am, I think it was rather an achievement. Thank you to all who helped.

Which is all a long way of explaining why last week's Felixes had no staples in them. In the meantime, various members of college maintenance have spent sizeable amounts of time in here. Remarkably, it appears to be fixed... but quite frankly I don't trust it. So apologies that Felix is a little thin this week: I figured 16,800 sheets was a little more manageable.

all IC students end up at Kings

Whilst off at the King's Student Union on Tuesday for an end-of-the-year London Sabbatical do, it was a bit of a shock to see so many attractive females, and rather alarming to discover quite so many Imperial students. Could they be connected?

It was particularly disconcerting to bump into my columnist, and a bit of a revelation as well. Simon Baker may be witty, pithy and erudite, with a well-honed line of right wing rhetoric, but he can't dance for toffee.

EDITORIAL TEAM:

FEATURES: MARK BAKER

SUB-EDITING AND PROOFING: TIM ST CLAIR

MUSIC: VIK BANSAL CINEMA: WEI LEE

PHOTOGRAPHY: IVAN CHAN

PUZZLES: CATFISH CLUBS AND SOCS: STEPHEN HAMILTON

ARTS: JEREMY SCIENCE: BEN WILKINS

COLLATING LAST WEEK: TIM, BEN, JEREMY, ANDY AND ISLAMSOC

DELIVERING LAST WEEK: ANDREW

Solution to this week's Elimination:
a.(37,2) b.(1,15) c.(38,13) d.(6,31) e.(19,24) f.(12,16) g.(28,7)
h.(26,29) i.(34,5) j.(11,23) k.(17,3) l.(40,20) m.(30,22) n.(35,36)
o.(39,8) p.(9,32) q.(18,10) r.(33,14) s.(41,21) t.(4,25)
...and the word left over was 'Pardon' (27).

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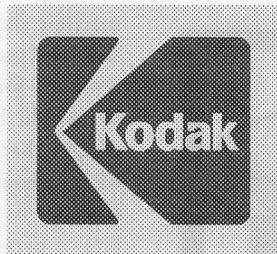
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