

# "Vital" Ericsson phone deal on the line

ANDREW OFORI

The vastly improved communication network expected at the beginning of this new year has become the latest victim of College bureaucracy. Prolonged contractual negotiations have held up the installation of Ericsson's new system which is set to replace and add new telephone lines all over College. Some have taken the delay as an ominous sign in the wake of Ericsson's controversial deal with St Andrew's.

Work was finished four months late at the Scottish University and the completion was greeted by a flood of complaints about the havoc caused by workmen. In response to the general unrest Ericsson changed the University's lines to 0870 numbers which had previously belonged to Chat & Date lines. According to a report released by St Andrew's Student Union, confusion caused by Ericsson's subsequent marketing campaign explaining the change led to some interesting calls between unsuspecting parents and chat operators offering disturbingly dubious services.

St Andrew's Union have been left fuming. They claim that Ericsson have inflated their rates in order to make a profit out of the unfeasibly low bid they originally tendered to the University and have monopolised the services

offered on the lines, banning all charge card numbers. The phone company further endeared themselves by charging a £10 fee for the privilege of having a working phone which could receive all incoming calls and apparently refusing to publish their rates, which range from 8p to 16p for a call to an Ericsson phone, their "normal" rate.

"Most of the problems at St. Andrew's should not arise here" said an optimistic Ian Clifford, ICU Deputy President for Finance and Services. St Andrew's were the first University Ericsson dealt with and the DP(F&S) felt a great deal of their problems stemmed from a lack of consultation. There

is little danger of Imperial making the same mistake: the Union, Estates, IT, Residences and Communications have all had an input into the deal which is being run as a private finance initiative. Students can expect a decrease in the cost of their out-going calls, but although the cost of installation is being subsidised by the College the package will still have a capital cost of £60 per student, £40 of which will be added on to annual rent bills.

10Mb internet connections will be available in each room for a fee of £10 and there are even plans to develop an Ericsson mobile phone deal for IC students

### UCL Researchers place Ecstasy on special offer

SUNIL RAO

If you're a healthy adult male, here could be your chance to take part in a study investigating the long-term effects of MDMA, the drug better known as ecstasy.

Research is being carried out at the Clinical Health Psychology sub-department of the UCL Psychology department into the effects of this massively popular substance on the typical taker - young, fit, healthy adult males - in a bid to assess exactly how much risk to human life regular use of this semi-synthetic compound poses. Though this cer-

tainly isn't the first ever study of the effects of this drug, it certainly appears to be the first to get widespread coverage and publicity in the popular press.

MDMA (3,4-MethyleneDioxy-N-MethylAmphetamine) isn't a new drug, having been patented by German drug company Merck in 1913 as an appetite suppressant, though the patent was allowed to lapse. The drug was legitimately used as a therapeutic aid by a number of psychiatrists to break down barriers to communication, before animal studies revealed its potential ill-effects — in particular

biochemical evidence of terminal damage to brain tissue. Since the banning of the drug, research into its effects has naturally diminished, and as a result, very little is known about the long-term effects of MDMA.

Consequently, if you are healthy and fit and:

- Used to take ecstasy regularly but have not used it for over a year,
- Have been taking it at least twice a month on average for a year, or
- Take other drugs but have never tried ecstasy,

you are invited to get in touch with Suzanne L Verheyden by call-

ing her at 020 7504 5993, faxing her at 020 7916 1989 or via email at s.verheyden@ucl.ac.uk. As Ms Verheyden told Time Out magazine, the study will attempt to determine if, among other things, ecstasy causes permanent damage to the brain.

When Felix attempted to contact Ms Verheyden, our reporter was informed that a test was actually in progress at the time. All expenses of volunteers are to be paid, all information volunteered is to be completely confidential, and those who take part will be entitled to receive a copy of the results.



We ask Pro Rector Tim Clark exactly what it is that he does.



This week the RCS give you the lowdown on what they've been up to.

### Columns

Anonymity rules as MishMash is joined by BreakPoint.

### **Feedback**

The first letters land on the Felix doorstep, and they;re not happy.

### Reviews

A mammoth reviews section catches up on the Summer that was, introduces you to the sections that are, and looks ahead to the autumn that will be.



A guide to this week's comedy night offerings, fresh off the press release.

### Seven Days

Your guide to the coming week on campus and across London.

### Crossword

The year's first crossword from new compiler Is Jam Well?

### Sports & Societies

Plan the rest of your term with a complete BUSA fixture list.

## Mary's bears brunt of crash tragedy

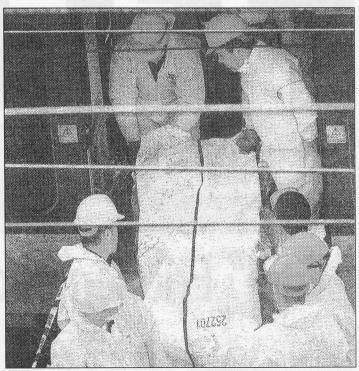
ANDREW OFORI

When two packed commuter trains collided last Tuesday St. Mary's was inundated with patients as it took the bulk of the injured. Hospitals across London were forced to implement their emergency plans, but as the nearest hospital by far it was Mary's which took the brunt of the most seriously injured.

Robin Touquet, a St. Mary's consultant said the injuries were the worst he had seen in his career, likening them to those suffered by World War II casualties. He commented "You had people coming in with their faces bandaged and just their two eyes looking out and the smell of burnt flesh".

At time of going to press, events surrounding the accident were still unclear, and reported body counts still rising.

With 28 bodies counted as of Thursday morning, police were advising that the final toll could be as high as 170 once the remians of one first class carriage engulfed by a 1000C fireball are fully recovered. In response to the tragedy, the Government has promised a full scale enquiry into the safety of Britain's railways. john Prescott promised that "£1"



Rescue teams drag yet more bodies from the wreckage

billion is not a big consideration...the public want to be assured that they have the best possible safety system now."

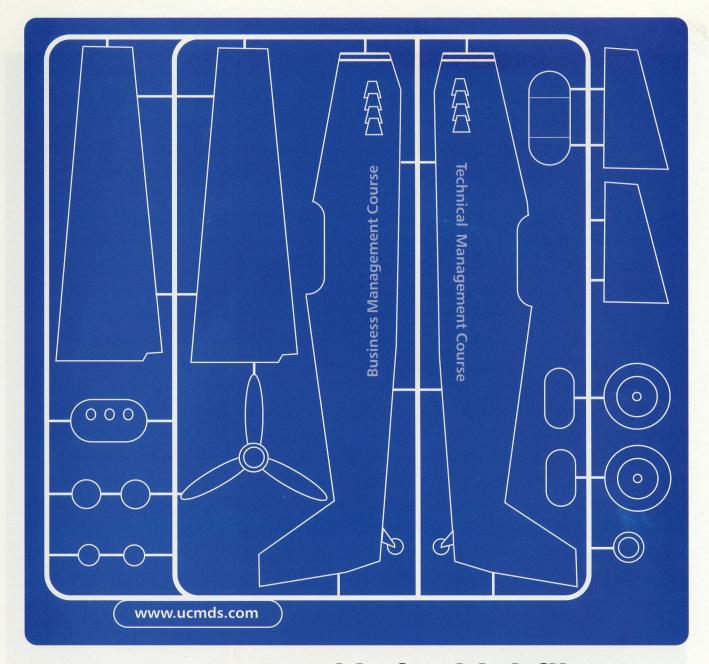
The crash happened at 8.11am at Ladbroke Grove when the 6.03 from Cheltenham collided with a two-carriage Thames service from Paddington to Wiltshire. As the smaller train crossed

across the tracks, it was brought onto the line being used by the Paddington Express. Rumours fly that one of the drivers went through a red signal, but until a full inquiry has been carried out it will be impossible to determine who (if anyone) is to blame - and that could still be many months (or even years) away.

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# Who Really Runs This Place?

In the first of an occasional series of interviews with College's senior staff, Felix interviews Tim Clark and tries to work out what the title Pro Rector (Educational Quality) really means...

So, what do you do?

Well, I act on behalf of the Rector on matters educational, and although the title says Educational Quality it's more about the totality of quality of the students life, so it's not only the quality of their education, it's about the quality of their life, so halls of residence, the Union, health matters and so on, and I try to act on behalf of the rector, promoting the students quality of life. But, I do this in a non managerial way, so I have to act within the other structures of College, so in a sense I'm there to keep an eye on the students... However, it does divide broadly into education, and I chair the undergraduate and graduate studies committee, which has oversight for all teaching, and I deal with the TQA [quality assessment] visits, where I try to ensure that we achieve good scores, and in that I'm very much helped by registry.

The quality of the students life outside their education I pick up on through the College Tutors, the student Councillors and the student Welfare Committee, but again I'm not in charge of anything directly...But the College Tutors and I work very closely together, and in that way we pick up on generic College issues concerning students. The Student Councillors do report to me and although it's entirely anonymous I can get an idea of what problems are concerning students. Finally, through links with the Health Centre I can get a feel for what's going on. The other aspect is the Halls of Residence - I go round the Halls, I meet the Wardens, and one of the College Tutors is particularly concerned with accommodation issues, so I pick up all these areas. In addition I have regular meetings with, and try to keep in close contact with, ICU, so I can hopefully help them and act on behalf of the rector and on behalf of the students - because I don't just work for the Rector, I also advise him on the most effective course of action to take - and I think it's a very useful role.

You're seen as the most Union friendly member of the College hierarchy - do you think that's an integral part of the job?

Well, I hesitate to say I'm here to protect the students, that would be wrong, but on the other hand I do like to see myself as the students champion because it may often be difficult for the president and the other sabbs to know their way around at first, so I see my role to help protect and defend their case. In other universities I might see my position as similar to that of the Dean of Students, except that here I don't have an office. The distinction is that here the Pro Rectors have a kind of overarching view over all College activities, but we operate through the established machine - but I actually think that that's a good thing because it means that we can't try to exert our influence through management control, because we don't have any managerial control... But indirectly I pick up on all the problems facing students, and it's through regular meetings with ICU, with the Tutors, with the Wardens and the Health Centre that I pick up on what's going on, as well as by reading Felix and always keeping my door open.

What decision or change do you look back on and feel proud of?

I'd like to think that I'm responsible for resolving the Clayponds issue (although again that wasn't entirely me directly). I'd like to think that in every planning round I help to bring about a happy resolution between College and the Union; I'd like to think that I was very closely involved in the Beit refurbishment project, which I think is very important, to show us a way in which we can renovate our halls to a good standard, and if we can do that then it will help with the entire refurbishment programme. I think I've played a role in maintaining the idea that IC is a residential College, and through my review of the Conference Office I helped to identify to the entire College what an important role conferencing has to play in benefiting the students, both by employing students and generating a surplus which can be reinvested into student residences. Finally, I'd like to think that I've helped to foster a better relationship with our neighbours, by working with Professor Alexander on the liaison committee - which helps, of course, when we want to work on projects like the new Sports Centre...

How do you see the College's attitude to students and student services developing?

If Beit works like we want it to work then I think we do have a major task in upgrading the accommodation we offer to first year students, and I hope we will be able to wire up all the Halls via IConnect, so if we are going to remain a residential College - which I think is vitally important - we have a major task facing us in rennovatring all of our accommodation. And if at the same time we can improve our relationship with our neighbours, so that they're happy with what we're doing, I think that would be very important.

Another target I have before I leave is to improve the prospects for learning and teaching, and we're about to set up a centre for educational development which, I hope will bring together the various aspects of the courses we run, to look critically at how our students learn and how we teach, and thus we can raise the profile of teaching within a very research dominated environment. I think that's going to be a very uphill task, but fortunately I'm very impressed by the attitude of our staff to teaching - they do take teaching very seriously, and I think that's been reflected in our TQA scores. Nonetheless, I do see one of my missions as the promotion of teaching and learning, and to review the introduction of new technologies. So, if I've improved the quality of our halls and the quality of our teaching by the time I leave then I'll feel I've achieved enough. One other innovation that's occurred during my time that I'm very proud of is the development of the private office, which helps students in attempting to find private accommodation, which I realise is a big struggle for a lot of our students.

Would teaching quality be improved by more training for lecturers?

Oh yes - one of the main tasks of the new Educational Development centre will be to bring forward all of our current training workshops into a single programme which will provide the foundation for all of our staff to become members of the new institute for learning and teaching. And although we're going to have to look at all these courses once again, it's all part of the idea that our teachers should gain in professional standing and profile, and we should provide the correct training for them. Basically, we're taking what's already there and making it more standardised and formalised.

And finally, what are your plans for the future?

Well I was contracted for four years and I've currently done two, but I'm still a member of the NHLI and I still have an active interest in asthma and work with the NHS, so I've got a pretty active schedule. But with regard to my current role, I've got two years left and by then the new rector will have become settled and might have plans for the role or for me in particular. Until then I'll continue to develop what I've done and pursue all the topics I've already mentioned.

# What is science?

o many students reading this, science is the hard, dry facts that fill text books and hours of lectures. To those involved in active research it may be found in the mess and unpredictability of the lab. To philosophers, the nature of science has always posed a bit of a problem; they are unable most of the time to agree whether the world really exists. They find it even harder to accept the one view of the world that science has to offer. But it is hard to deny that it has been extraordinarily successful at explaining nature.

Has science become a victim of its own success? To many non-scientists, the ideas and methods of science remain a mystery. This lack of understanding leads to black and white views of science. For some, science is a source of unrealistic hopes, for example that every disease will be cured. And for others it is a source of hostility and

fear, leading to new problems of nuclear weapons and global pollution. What is it about the nature of science that is so easily misunderstood?

In his book "The Unnatural Nature of Science", Lewis Wolpert argues that science involves a very unnatural way of thinking, totally unlike everyday common-sense thinking. According to Professor Wolpert, the birth of science occurred only once in history, around 600BC in Greece. Technology has been around much longer and Wolpert argues that science and technology were strangers to each other until recently. It seems that there is a big difference between rolling a heavy rock along on a couple of logs, and understanding the reduction in friction that makes the job easier. Given that science is our best hope of understanding nature, he claims it should have a special status compared to other areas of knowledge. These are very seductive ideas if you are a scientist.

To Harry Collins and Trevor Pinch, science is more like a golem. The golem is a creature from Jewish folklore, made from clay and brought to life by spells. In some legends it is given special powers to turn lead into gold but it can become dangerous if it is not controlled. In their book "The Golem -What Everyone should know about Science", the authors use the analogy of 'golem science' to avoid simplistic views of science as all good or all bad. They believe that however successful scientific theories are, science remains at heart a human enterprise, and is therefore fallible and untidy. "One cannot ask of scientists...that they be no longer human", and yet they are expected to deliver absolute cer-

There is much public confusion about the way science is done. The cold, dispassionate scientist is supposed to be above outside influences that affect ordinary lives. Lewis Wolpert suggests that scientists are partly to blame for creating this illusion of the 'scientific method', because they write all their papers as if there was one. These tidy, impersonal texts, written with the help of perfect hindsight leave no room for the creativity or doubts of the scientist. Collins and Pinch believe that the way ambiguous results are interpreted may have more to do with social politics than is generally believed. This is not just a case of bad science. They illustrate their arguments with fascinating stories from the history of science, that show how far from reality is the scientific myth.

Both these books are entertainingly and persuasively written. But in deciding whether science is special or more like a golem, it is important not to confuse arguments over methods and contents. Wolpert's emphasis is on the findings of science, it is these that he finds counter-intuitve. On the other hand, Collins and Pinch are concerned with how science is done and whether it bears any relation to the scientific myth.

Wolpert attacks social views of

science, because he thinks they are irrelevant for working scientists. Collins and Pinch agree that the image of 'golem science' may be unhelpful in day-to-day research. But it is when science enters the public domain that it becomes dangerous to treat it as infallible.

In the UK it is usual for the Home Office to provide one scientist to present forensic evidence in court cases. This has the distorting effect of implying that such evidence is impartial and infallible. In recent years there have been a number of cases where terrorist convictions were overturned because of dodgy forensic evidence. Not surprisingly this has shaken the public's faith in such evidence and is the result of claiming too much for science.

Wolpert also worries about the public understanding of science. He thinks we should be clear about what science can and cannot do. His remedy for improving the situation is to teach more scientific facts to the person on the street. Collins and Pinch think this approach is unhelpful when the public has to deal with scientific controversies. If scientific facts are supposed to reveal a 'special' type of truth about the world, then how should citizens react when presented with two versions of the 'truth'? If scientists were treated more like experts of the natural world, and less like gods, then the public could cope with divided scientific opinion, as they do with other expert advice.

The divide between the approach of 'golem science' and 'special science' to teaching science in the classroom is even wider. Wolpert wants more emphasis on the unnatural nature of scientific ideas when compared to commonsense ones. But confusingly, he also wants children to see science as less alien. Collins and Pinch hope that the lesson of untidy, fallible 'golem science' can be learned at an early age. Teachers have a habit of tidying up messy experimental results into the neat, scientific myth in the textbook. But children should be told that the problems of the classroom lab, also take place in the grown-up world of proper scientists in white coats.



# CATERING

OPENING HOURS

BAGUETTE BAR (dBS) - 11AM - 2PM

DAVINCI'S - NOON - 2PM

5.30 - 8.30PM

### STAFF REQUIRED

STAFF ARE REQUIRED FROM NOON - 2.30 AND 5.30 - 9.30PM PLEASE CONTACT IAN OR YVONNE ON 48080 (0171 594 8080) IF INTERESTED



YOUR UNION - BE PART OF IT

TUESDAY

STA PUZNICHT
WIN £50 P SH OR A CRATE OF LAGER 8PM PAVingis

WEDNE AY



Classic party tunes in dBs, Cocktail Bar & Chill out Room 9-1 (midnight bar) Free b4 11/50p after

THURSDAY

THURSDAY

THURSDAY

A NIGHT FOR SWINGERS 5-11

WORLD CUP RUGBY ON THE BIG SCREEN

1pm - NEW ZEALAND v ITALY. 3pm - WALES v SAMOA 5pm - AUSTRALIA v USA

**FRIDAY** 



With CHRIS ADDISON & LUCY PORTER Doors 8pm dBs £2.50/£2 with entscard includes free entry to Pop Tarts

## POP TARTS

CHEESY TUNES & STUDENT CLASSICS
PLUS COCKTAIL BAR & CHILL OUT ROOM. 9-2.

£1 (ICU card holders)/£1.50 (others)/Free to entscards & b4 9

WORLD CUP RUGBY ON THE BIG SCREEN

1pm - ENGLAND v TONGA 5pm - S. AFRICA v URUGUAY 7pm - IRELAND v ROMANIA

icu meral collida mon

IT'S YOUR UNION - BE PART OF IT

# RCS Union

In our continuing trip around IC's four faculty unions it's the turn of the Royal College of Science Union, led by their President, Will Bentley, to explain just who they are and what they do.

he Royal College of Science is one of the four constituent colleges that make up Imperial. Its Union satisfies the needs, surprisingly enough, of scientists in Imperial College - that is Biologists, Biochemists, Physicists and, of course, Mathematicians (including Joint Maths and Computing).

As this is being written, we find ourselves in the middle of a very busy week! Months of planning are starting to pay off with a very successful and enjoyable start to Freshers week, both for the Freshers and the rest of us. It started on Monday with a "quiet" get together of all the new entrants for the first, and (judging by its success) definitely not the last, Freshers Barbecue - free food and a chance to chat informally to their new officers. Jez made her usual eyecatching appearance and even Theta was present. Meanwhile, out amongst the crowd, Union officers were discussing the RCSU's role, picking up ideas and suggestions for future events and generally helping them to relax on what is for most a stressful day. The Freshers Edition of BroadSheet, the Royal College of Science's newspaper and the oldest CCU newspaper, also went out. Under a new editor, BroadSheet has revamped, with topical news, stories and analysis - with a particular slant towards science. As an added incentive to pick up a copy, on the back is a prize crossword with a

£10 book token going to the winner. BroadSheet welcomes articles from all members of the RCS.

Of course we realise that after Freshers week things can go a bit flat, and so events have been organised throughout this term. Future highlights include the Freshers Barnight, where there will pub games, offi- 🥰 cers ready for an informal chat and the chance to take on either of our two yards (the Raimes Yard -1.5 pints - or the Theta Yard - 4 Oh

yes, and the beer is FREE. Not that that would make any difference to you coming or not. Also coming up is the Freshers Paintball. Paintball is great fun anyway, but with the added rivalries between our departments the matches become really exciting you'd be surprised how many people want to inflict revenge on mathematicians for all the trouble maths has caused them. It should be noted that although these are classified as "Freshers events", people from other years are warmly wel-

come

Ongoing throughout this term, the Freshers Departmental Dinners are taking place. These are four dinner - roughly one per department - where you can meet other students from your department and enjoy a great dinner at the same Queen's Rules apply, dress is black tie and there will be speeches well - everything you'd expect from proper formal dinner. It is also an opportunity to chat infor-

Union officers and see the lighter side of academic staff who may be there. Heavy subsidy from departments means that the prices are surprisingly low.

mally with

The RCS has its own clubs as well, most famously the RCS Motor Club which looks after Jezebel, the official transport of the president and one of our mascots. Jezebel is an inviolate mascot and therefore is not allowed to be "borrowed" by other unions. We do however have a violate mascot, Theta the Thermometer, which can be "bor-

rowed", although this has never happened, thanks to careful protection. The RCSU has an enviable record in mascotry - for example last year we lifted Sedrik the Safe from City & Guilds. Other clubs include AstroSoc, Departmental Societies and sports clubs, such as RCS Cricket, Rugby and, the newly formed, RCS Football Club, which is entering ULU league this year for the first time.

On a more serious note, we provide a welfare and academic support system. Through department representatives (dep-reps) we can monitor what is going on in the lives of our members and help them out when they need it. If someone is in trouble they need only contact their dep-rep or the Academic Affairs Officer and we will do our best to sort things out. We are also always open to suggestion on how to improve the Union, to make it the best possible service to the scientists at Imperial.

All that remains to say is that I hope people will make use of all that is on offer. Take the opportunities: go out and meet people, make friends, have a good time. And all the while remember that there is help available - whatever the problem. There are people who are prepared to help with pretty much anything. Any organisation is only as good as the people within it - and with over 2500 people in the RCS, we must be good for something!

### Forthcoming Events

Tuesday 12th October 12:30pm - Freshers General Meeting (Reed Lecture Theatre, Sherfield Level 4) 7:00pm - Freshers Bar Night (Union Bar)

> Monday 18th October 6:00 pm - GenCom

Tuesday 19th October 7:00 pm - Life Sciences Freshers Dinner

Thursday 21st October 7:00 pm - Mathematics Freshers Dinner

Monday 25th October 7:00 pm - Physics Freshers Dinner Thursday 28th October 7:00 pm - Chemistry Freshers' Dinner

Saturday 13th November
Paintball - £22 + Ammo (about £20). Includes
free lunch and travel to and from the event.

Email rcsu@ic.ac.uk or phone x48075

### The State of the Union

ello, me again. So, by the time you read this you will have finished your first/yet another Freshers' week. I hope that you survived and I don't believe any of you that you'll 'never drink alcohol again'.

#### ICU Council

This week sees the first meeting of Council, the sovereign body of Imperial College Union. Here is where the policy is made, here are the sabbs brought to answer. It's open to all and is actually quite relaxed, general rule – say something funny or say something important.

This week's big issue to dis-

By Natasha Newton, Imperial College Union President

cuss is the Sports Centre. If it gets planning consent and is built we need to make sure that our clubs will lose the provision they have, given that College would like to take over use of the Southside Gym. After months of talks, we have managed to get an answer as to how the new will properly replace the old and our clubs will not miss out.

#### Right to Reply

To the freshers, now that you have arrived, is there anything we have done especially badly, or especially well? To the rest of you is there anything we are still doing badly, anything we have finally got right? Drop me a line at president@ic.ac.uk and tell me about it.

### Balls

As you may see, I have written a letter to Felix, explaining that things were not quite as said in last week's issue. I hope that those of you who thought I was a bad person for killing off a party now realize that I haven't....Of course we still need a Summer Ball Chair and Committee.

- This Week's Union Meetings -
- Mon 11th ULU Council: everyone welcome. A chance for us to tell ULU what we at ICU need from them and to tell them how to spend the money we pay them.
- Tues 12th ICU Council: everyone welcome, news on everything the Union is doing, a chance to have your say. 6pm, Union Dining
- A&E Board General Committee 1pm Clubs Committee room.
- Thur 14th ICU Exec: sabbs, CCU presidents and ordinary members discuss day to day Union management and freshers' week disciplinaries.



# Fitness Club

### **AEROBICS SCHEDULE**

First class included in membership!

Day	Time	Class	Level
Monday	5:30	Bodysculpt	All levels
ne students region of influi	6:30	Aerobics	Intermediate
Tuesday	5:30	Aerobics	Advanced
Wednesday	1:00	Bodysculpt	All levels
ad their degrees. Across to few decades there has been	5:30	STEP&Weights	Intermediate
Thursday	12:30	Circuit Training	Intermediate
( in our literatus. One of Kee	5:30	New Body	All levels
Friday	5:30	Aerobics	Inter./Adv.
Sunday	2:00	STEP	Intermediate

Class Prices: Membership: Term Passes:

Club members £ 1.25, Non-members (IC) £ 2.00 IC Students £8.00, IC Staff £ 12.00 IC Students £ 20.00 (members), IC Staff £ 25.00



Another year, another columnist, another bout of slagging off the medics. Well, maybe not. That's not the point of this one... this column is going to look right at the heart of this Union, week in and week out, and tell it like it is. Whether you, or Tasha Newton, likes it or not. Okay? Let's get a few ground rules straight, so that the rest of the year is put into context...

We, the students of Imperial College elect six students into sabbatical positions each year. Two of these are "special" positions; one is the editor of this august publication - that is, he solely has the responsibility to produce this newsletter week in, week out. The other is the sabbatical President of ICSM SU, a position introduced by Eric Allsop in 1997 when it was felt that medics would not want to stand for general ICU positions. The ICSM President is responsible for all aspects of the welfare and extra-curricular life of medics at IC. In addition, we have an ICU Deputy President (Finance and Services), who is constitutionally responsible for the bars, catering outlets, shops and also setting general budgets for the Union (including the medics), an ICU Deputy President (Clubs and Societies), who assists the Club Chairpersons in any way he can, representing their concerns to the Union, and an ICU Deputy President (Education and Welfare), a new position introduced this year, who is responsible for ensuring the Union provides adequate representation and services for its members in areas such as welfare (surprisingly) and academic matters.

All of these sabbatical officers are responsible to ICU Council, your democratically elected representatives, and not (much to her chagrin) to the ICU President, who in fact has such a small job description, it is better to tell you what she does NOT do. She does NOT go around introducing members of the Union (i.e. your) staff as "her staff" to both the Chancellor of the University of London and new student staff, she does not introduce a fellow sabbatical officer to the Pro Rector (Educational Quality) as "her Education and Welfare Officer", and she does not demote the sabbatical who runs this fine independent newspaper to "her magazine editor".

What's the point of this? Why badmouth the Union before it's even had time to get going? Well, for this simple reason. ICU does not work properly, and has not done for years. Students don't get involved, don't tell people what they want to happen - none of this "Talk to Tasha" crap. Let's take an example:

For years, College have been trying to build a new sports centre at South Kensington. The local residents association seems to have finally caved into the idea, but the Union is now refusing full support, saying that "it is not in the interest of one-fifth of the student body". Who in the Union opposed it? Tasha Newton. Did she consult ICU Council? No. Why? Because to build the sports centre, the College needs to sell one of its three sports grounds, i.e. Teddington. El Presidente's argument is that the medics want to "keep" Teddington (it's no longer theirs by the way - an Act of Parliament saw to that in 1988 -

it's "ours"), and so one-fifth of "her" members (i.e. ICSM undergraduates) would rather not see a sports centre.

FACT ONE: The larger component of ICSM is the old Charing Cross and Westminster Medical School, who couldn't give two hoots about Teddington.

FACT TWO: There is enough space at Harlington, IC's main sports ground, for every IC and ICSM team to play a home game at the same time

FACT THREE: IC is one of the few remaining universities without a decent sports centre.

So come on, mobilise. Get down to the first ICU Council tomorrow, and get yourself elected to the remaining places. Medics get what they want because they shout the loudest shout louder! Do you want a Sports Centre? Do you want to keep Teddington? Have a view. Use it. It's what democracy is all about

The appaling performance against dire opposition of the bunch of Medics on University Challenge a few weeks ago suggests to Kevin that the selection process for the Imperial College teams needs overhauling. Imperial, like a number of other institutions can enter two teams. Presently one team is organised by the Medic's Union, the other by ICU's quiz society. This year only the Medic's team, none of whom had any concrete links with IC, qualified for the televised rounds. University Challenge is a team game, which requires a team to win it, not four individuals. Students should form themselves into teams, which then compete against each other, in a centralised competition, with the best two teams going on to represent the college, regardless of CCU. Such a system would encourage diversity in backgrounds of the team members. The quiz show should not be the place for childish student bets. Like Mr Paxman, Kevin is unaware of the work of "Wango".

Basics staff are phoned on an almost nightly basis by Sherfield Security, who inform them that they "have a fire alarm". Usually, the hapless staff member apologises for their incompetence, and quickly serves the offending burnt pizza before the escapade is noticed by their manager. The residents of the above Southside halls are not disturbed. Kevin understands why this arrangement is in place. Due to the frequency of fire alarms last year, by the end of the year many staircases had an unoffi-

A Mostly Harmless Column by Kevin, a random entity who knows nothing about nothing

cial rota - only one person would bother going to find out what was going on following an alarm. If the alarms went off every time something burnt in Basics, they would be universally ignored.

If you have just moved into Southside halls you may be wondering why your window has been blocked from opening properly. The windows are barred because college administration is scared of 'the residents'. Students are residents too, and perhaps we should follow the lead given to us by other universities where students have managed to drive the locals so mad with their student-y antics, that they have moved out of the area immediately surrounding the university. The property in this area then plummets in price and becomes affordable for students. Over time the students region of influence grows, usually until the students have conquered a large region of the town or city.

Medic's names could be Mud by the time they've finished their degrees. Across Europe over the last few decades there has been an attempt to differentiate between academic and medical 'doctors'. It is likely that this trend will reach the UK in our lifetimes. One of Kevin's favourites is seen in The Czech Republic where a medical doctor's name is literally mud. A doctor who in the UK would be addressed, "Dr Mash", would in Czech be, "MUDr Mash".

As for this year's Union Handbook, suffice to say Kevin hears it was proof-read by at least five different people.

> For more from Kevin: http://come.to/mishmash

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## Feedback

BALLS: THE TRUTH

Great first issue!

I just thought we should sort out some facts about the losses made this Summer and deal for next year.

Ok, the final loss on the IC Ball was £16,700. Tickets sales were bad enough that iCU saw them coming and a cunning plan to ask College for the difference was hatched. Mr. David Hellard, the then President, did a lot of ground work and begging and College smiled on him. There were always going to be conditions for the payment, they arrived after I took office. The deal was

- The Ball should be held in or close to South Ken, if at all possible.
- The Medic Ball and (for want of a better word) 'non-medic' Balls should be separated by date, rather than 24 hours.

Anyone who wants to see the full text is welcome to see it, it's even less interesting than this letter though!

So to summarize; No money will be taken from the strategic reserves, the Beit Project is safe from this point of view. I was never faced with the option of having to ban the medics from a 2000 Summer Ball, one day one President will be, but by then the idea is the medics will be fully integrated. ICU still wholly believes in student input and there will be a Summer Ball committee for both Balls (if either group can elect a chair), the Ents and Marketing mangaer will have more input, as will other permanent staff, in the hope we don't lose as much cash. Continued losses of this kind could finish the Summer Ball for good. ICU has been looking into options for complying with College's request to have the Ball closer to home (we would not have said yes if it hadn't been possible). It will be up to the committee to decide how this goes forward.

So, hope this cleared up a few things. Sorry none of you came over to talk about this before it went to press.

See you soon, Tasha

CAUGHT RED HANDED

Dear Kevin

Yes, I happily own up to being the prat who made arrangements for the RCS, C&G and MSc/MBA freshers' welcomes in the Great Hall to have overflow facilities in the Pippard lecture theatre.

In recent years we have had to hire the main lecture theatre in the

Geographical Society, which holds 760 people, to host these events. Now that the Great Hall has been refurbished with a maximum capacity of 720, there no longer appeared justification for spending College money hiring a hall only marginally larger than what the College had available

It is impossible to gauge accurately how many students will turn up on these occasions so with increasing student numbers I erred on the side of caution and arranged for overflow facilities in Pippard. They proved to be necessary for RCS and to a lesser extent C&G.

So no conspiracy or cock up theory - unless you include the Rector's microphone being off for a

Yours sincerely Vernon McClure Academic Registrar

THE WEEKLY RANT

Dear Sir,

Imperial College is not known for supporting, or even acknowledging the existence of, its undergraduate students. However, the college sport & leisure division has spent copious amounts of money, time, and resources trying to improve the quality of sporting provision for the students of Imper-

I am therefore greatly disappointed to discover that the Imperial College Union president is not fully backing the current sports centre proposal. This facility is desperately needed by many students, especially those involved in indoor sports such as basketball and volleyball. Every year, the volleyball team have to turn away beginners and competitive players alike due to the lack of indoor space in which to practice. I am confused as to why students would elect such a person who obviously does not put their needs first, and instead has embarked on some kind of dillusioned power trip in an attempt to annoy and dominate those around

And another thing: Perhaps the majority of medical students are against the sports centre proposal as it has been hinted Teddington sports ground will be sold to finance the development. But people are forgetting that there are medical students on the South Kensington campus, and the gradual, but important, integration of medical students into the clubs & societies of ICU, means that this development will eventually benefit all the students of Imperial Col-

Sometimes people in such positions of power forget that they are not at the top of the union structure. It is the students who come first. Those elected have found themselves where they are because we thought they would do a good job and uphold our views. Perhaps we were all mistaken and easily decieved.

AND FINALLY...

Dear Felix,

Congrats on a fine looking first issue but I must ask, where has the cat gone? Felix just doesn't look right without a cat adorning it's front page.. Please can you do something to resolve this issue as soon as possible.

Yours, Simon

The deadline for letters intended for publication is Wednesday 12 noon - drop into the portacabins or email felix@ic.ac.uk. Letters may be edited for length but not grammar or spelling.

# Pestoria

Please can I go on holiday? I know it's only a week into term but, quite frankly, I need a break. Having contracted a fairly unpleasant strain of Freshers Flu within three days of the new intake arriving, on top of some major problems with page numbers and adverts (sorry about the massive number of ads in this week's issue by the way), the sudden decision of various parts of my office not to work and all the hectic running around that Freshers Week entails, I would like to do nothing more right now than curl up into a ball and stop moving around for a couple of weeks. Basically, I feel yucky.

Right, that's the rant out of the way. Sorry about that Undoubtedly half of the College is probably feeling a little under the weather right now, having spent most of last week dashing from point A to point B, only to discover that they should in fact be congregating at point C (conveniently situated in the opposite direction). This may explain why, at every other university in the country, Freshers Week actually lasts for the regulation seven days, rather than deciding midway through the week that it can't be bothered and going back to work instead. A can of worms? Possibly.

#### MEDICAL PROBLEMS

I was hoping to avoid any prolonged discussion of ICSM for a while, but as I've started to receive abuse and complaints already I guess there are a few things that need to be cleared up. Right. Point one, I have nothing against medical students. Whatever anybody may say to the contrary, I can promise that I have no particular feelings about medics as a whole, in the same way that I don't formulate opinions about people just because they're miners, chemists, mechanical engi-

neers, or whatever. Point two, just because someone says something bad about one person this does not mean that they hold a grudge against everyone on their course. Just because Felix comments on the fact that a member of ICSM SU isn't doing his or her job properly, this doesn't mean that all medics are therefore to blame Indeed the intention is quite the opposite - the idea is to inform the students that their representatives aren't doing their job properly so that they can do something about it. Moreover, if I were to say that Tim Trailor or Ian Clifford were doing an appaling job that wouldn't be seen as an insinuation that all physicists or electrical engineers are scum vet if I say something about Natasha Newton then the automatic assumption is that I hate medics. See my problem?

The point is that I fully realise that the nature of a medical course breeds a much stronger sense of group identity and a belief in the principle of "one for all and all for one", but that can be taken too far. Go on, give me a chance... And if you fancy trying to change the system from within - by writing for Felix - then you know where to come.

#### **POSTSCRIPT**

I nearly forgot to fit in a particularly important apology: I have to say sorry to all the Chelsea fans out there for my pessimistic remarks on the outcome of the Premiership printed on the back page of last week's issue. I'm still not sure that Chelsea can maintain the consistency required to pick up the Championship trophy, but last week's hilarious 5-0 drubbing of United clearly showed that the season's far from over. It should be a good winter.

Dave

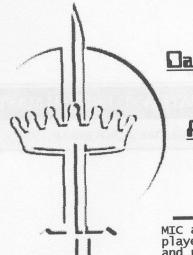
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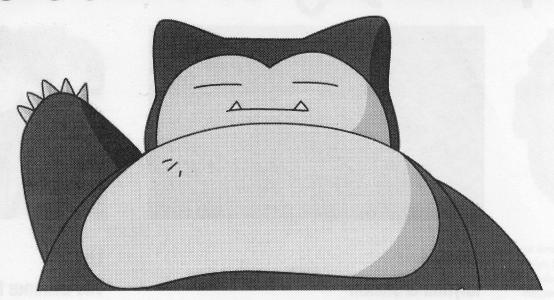
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# Welcome to the reviews



This week in.....

frequency



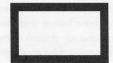
Leftfield **David Bowie** Moby

pulp



Come into the office and review books!

screen



**ICU Cinema American Pie** The Faculty

method



London East **Bill Bryson** 

react



**Dreamcast Pokemon** 

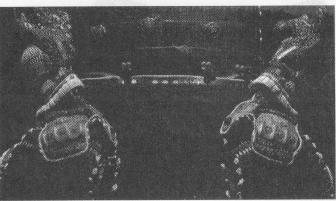
# frequency



Hello and welcome to Felix's swish and stylish new music and clubscene section 'frequency'. Produced by two main editors and a large team of reviewers, frequency aims to bring a higher quality of music and club coverage than ever before. We'll be reviewing more live music and club events, and previewing more of the multitude of happenings that go on in London each week.

### ...welcome to frequency...

We're also an expanding clan, and would very much appreciate some views from some of you alternative music lovers. Some of you might remember the almighty r'n'b column Tha' Bomb brought to you by everyone's favourite loudmouth, Milen. This column and others on rock and jazz will hopefully be launching soon in a bi-weekly or monthly format. Any prospective columnists or reviewers should drop into the Felix office and ask for James or Joel. See you soon, and make sure you have a good one.



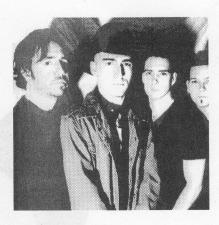
### Leftfield **Rhythm & Stealth** (Hard Hands / Sony)

Although this album came out a few weeks ago, due to the large amount of fuss surrounding it's release I thought to leave a comment out of this bumper review section would be more than unfair. What the fuss was about was simple; Leftfield's first album Leftism was one of only a few albums to truly cross the dance and chart music genres to give a sound that was instantly accessible to both sides. From the opening subaqua echoes of Release the Pressure to the stunning beats at the finale of 21st Century Poem, Leftfield partners Neil Barnes and Paul Daley never put a foot wrong. The job for Rhythm and Stealth was to keep up the same standard. So did the boys do the job? Well not quite, but they came very close.

From the album starter Dusted it is clear that Leftfield have decided that the dance floor sound is not the be all and end all of music making, and thus on first listening Rhythm & Stealth appears to be not quite all it should be. However as the listening experience is repeated, Leftfield's change of tack turns out to be less of an error than it at first seems. Indeed Rhythm & Stealth turns out to be the perfect partner to Leftism for an evenings music listening. After the opening downbeat, hiphoppy Dusted, R&S steps up a tempo or three to the unmistakable beats of Phat Planet kick in. Like Open Up from Leftism, Phat Planet provides a sound unheard of anywhere before and this is Leftfield at their best. The rest of the album, however, doesn't quite cut it when it comes to originality, and that is the main difference between this and

Another question remianing over Rhythm and Stealth is that perhaps only three of the tracks are suitable for the dancefloor and some heavyremixing is going to be required if we're going to be bopping to Leftfield over the next few months. I'm sure though that this can't be too hard a task for two lads clearly capable of electronic wizardry more masterful that any of the other in the chasing pack.

Rhythm and Stealth thus is unquestionably an album you must own. It's not quite Leftism, but it's better than any other dance album to come out for some time. And that includes the Chemicals equally hyped Surrender. Let lushous Leftfield lay it in on you.



### Live The Distance to Here (Radioactive)

There's a style of music called Adult Orientated Rock or A.O.R. for short. It's a complete misnomer because (well to me anyway, juvenile that I am) whenever I hear the letters A.O.R. I think Eunuch's rock music: music that lacks balls for people in their new flannel shirts, white trainers and crisply pressed jeans with turn ups, looking for some sounds with an edge. If you take the time to investigate this lame-sounding genre you'll find that there are some decent bands amongst the pap that invariably gets thrown up when some pony-tailed record executive invents himself a reason for a pay rise. Counting Crows, Matchbox 20 and Live are in this creditable minority.

The Distance To Here is the latest offering from the latter of the three, and very good it is too. The distinctive husky voice of Ed Kowalczyk adds a certain raw quality to an otherwise perfectly produced album. Live seem to be moving in a heavier direction, albeit not that different from what we'd expect from them. There's more bass on The Distance..., the guitars are a little bit more overdriven and the vocals are a tad darker. That said, this is still unmistakably Live and on the first listen you might think that the music just the same as before. But this is an album that deserves another listen, then another and another. In fact, the more it gets an airing, the more appreciated it'll become.

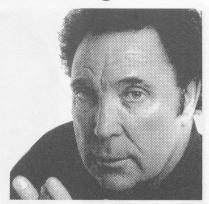


# frequency









### **Wall of Sound Bustin' Loose** (Wall of Sound)

Whether or not The Wiseguys' Oh La La stood the saturation play the Budweiser ad brought it is a debate that has raged for some time. In my view, I'm bloody fed up with the thing, and being served it again on this compilation has probably clouded my view of an album which on the whole isn't too bad. There's tracks from the Dirty Beatniks, the wonderfully english Les Rythmes Digitales and even the superb History Repeating from the Propellerheads which has stood the test of time much better than some of the tracks on this album.

The tracks range from 1995 and 1999 and it is really the newer tracks that are the better. This isn't a bad thing for the label though for it's a sign that they're improving. Thus this compilation is not one I'd recommend, and I suggest you'd look elsewhere.



**Patrick** 

### Chris Cornell **Euphoria Morning** (A&M Records)

It's been a couple of years since Soundgarden split up, and Euphoria Morning is the first solo record from their former frontman Chris Cornell. He's moved from Seattle to Los Angeles and taken his time to produce an album that's been hotly anticipated by both fans and the

Musically, this is a much more laid back and bluesy affair than his last band's output, and more of a showcase for his own talents. It's mellow, but often epic in scope, with swirling keyboards complementing a nicely modulated guitar sound. There's a large bit of sonic diversity but the overall general feel of the music is fairly consistent. It's pleasant to listen to, and uplifting, in an easy-going kind of way.

The album ranges from the solo, acoustic Sweet Euphoria, to more richly layered (courtesy of production from Cornell and bandmates Natasha Shneider and Alain Johannes) sounds of Flutter Girl. First single Can't Change Me opens and (in French) closes the album, a lovely song with a great chorus, and one of the more accessible tracks. Steel Rain, the last proper track, is also the longest, not quite an epic, but long enough to fit in a longer solo than most others; quite a nice one, too. The whole album has a bit of an epic feel not drawn out, but impressive in scope and ambition. Cornell's lyrics cover the well-trodden ground of love, loss, hope and faith. They're more personal and intimate than Soundgarden's, and their tone is melancholic, even depressing if you read them alone. Despite this, the songs are upbeat and inspiring, hinting at the euphoria of the record's title.

The finished product is a bit of a masterpiece, really. There are no bad songs, and nothing that could really be considered filler material (with the possible exception of the French version of Can't Change Me, although this is more of a bonus track). It's consistently good, rather than being focused on a couple of obvious singles. All in all well worth a look.

Gareth

Chris Cornell is playing Shepherd's Bush Empire tonight. Tickets are £12.50. For info call 020 7771 2000. A review for this event will appear in next weeks frequency.

### **Tom Jones** Reload (Gut Records)

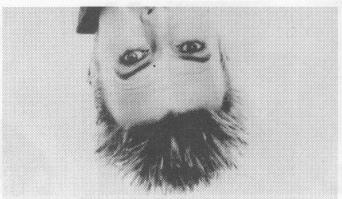
What can you say about Tom "Taffy" Jones? Hes done the lot, worshiped by Elvis, courted by Sinatra and been bombarded by countless items of ladies underwear. He was tootling along nicely being a classic performer. But thats not good enough - he has to be down with the kids too now. While the acts involved are of a high caliber (general-

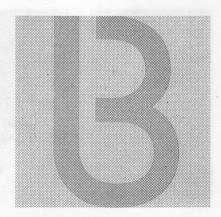
The best song on this album of duets and collaborations is the one you have already probably heard. "Burning down the house" with The Cardigans is a great cover of a Talking Heads track. Nothing else really comes close - "Little Green Bag" with the Bare Naked ladies is a pretty hard song to cover badly they almost manage it. "Baby, it's cold outside" gains marks for Cerys's impossibly throaty voice, and 50's throwback production and the classic lyrics. While most of the acts on the album are pretty mainstream performers - Portishead are definitely a little off the beaten track. Their collaboration with Tom is a cover of "Motherless Child". Eminetly suitable for their gloomy production and Toms

Apart from the tracks from The Cardigans and Portishead I would most definitely unload this heinous compilation.

# frequency \







### **Kevin Rowland** My Beauty (Creatiom)

After leaving Dexy's Midnight Runners, Kevin Rowland spent 11 years as a cocaine addict and beggar. While I can see the mild attraction of the first pastime, I'd have rather cashed in on being one of the Runners earlier than Kevin has here, on this an album of specially selected cover versions. Kevin's also taken up cross dressinng, and aquired a good skill of chatting absolute shite. Apparently Kev made this album because he had to. All the ugliness in the world really took its toll on Kev, and it was only the beauty of the songs he has covered on this album that brought him back from the cold.

What? Moving from cocaine to cross dressing and from beggary to mouth farting does not sound like a move in the right direction to me. Indeed Kevin, you daydream believer you, I think you're just a bit of a wally.

### **David Bowie** Hours (Virgin)

After dabbling in dance and other areas , Mr. Bowie has returned to a style much more similar to his earlier self. It seems he has tired of his continuous reinventioin in the front of the worlds media.

Titles such as "Survive", "The Pretty Things Are Going to Hell" and "What's Really Happening" don't suggest a Steps view on life. However, the album isn't a gloom fest - rather an acception of all that has gone before and a determination to make the future better.

With its combination of rockabilly riffs and electronic beats "If I'm Dreaming My Life" he questions the very existance of a previous relationship - "was she ever really there at all?". All his practised years as a performer come to the surface, with many uses of the tried (or should that be tired?) and tested "Build it up, Knock it Down" tempo. The lyrics of "Seven" are only slightly brighter than the film of the same name. "Seven days to live my life or seven ways to die". The theme of introspection occurs again and again in the album. "The Pretty Things are Going To Hell" is unsuprisingly raw and shouty. Mid 80's softrock like in its production, with plenty of squealing guitar solos, this is one of the higlights of the album.

"New Angels of Promise" darts between Chinese sounding flutes and modern rock, with a smattering of electronica thrown in for good measure. The clarity of Bowies voice continues to show up lesser vocalists, he manages to tread the thin line between tonefullness and tediousness with practisced skill.

However, for all his vocal talent, even if he is an icon of the Twentyth century, for all his production skills, this album fails to convince. Maybe its because he's not an angry young man, or that hes not short of a bob or two but he just doesn't feel very relevant.

This album feels like a bit of a purge, a bit of (admittedly very expensive) therapy for some past relationship. But do you really want to buy an album like that?

### John Digweed **Bedrock Mix** (Virgin)

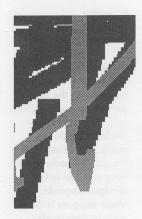
At a guess I'd say about sixty per cent of the students at this college own a John Digweed track. Hidden on the ridiculously popular Trainspotting soundtrack, is an absolute stormer of a track called For What You Dream Of. Written under his music-making pseudonym Bedrock this is John Digweed at his finest.

However making music is not only the only skill Mr Digweed has at his disposal. He's also one of the biggest name dj's on the circuit and with his own clubnight also called Bedrock John Digweed is not a man to be ignored! Next week also sees the man take the decks at the first birthday celebration of the Bedrock club at Heaven

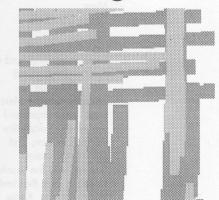
So where does that leave us with this mix then? Well much like Digweed's recent Heaven Scent single that sound of the mix moves from house to trance and back again with seamless ease as the well-mixed tunes ebb and flow under the control of the master. There's tunes from Heller & Farley, Interstate, Morel as well as the aforementioned which concludes the mix in a way that no other track could achieve. Unmissable, this is the club music that always pleases.

Digweed plays with Sasha and Danny Howells at this Thursday's Bedrock 1st Birthday party at Heaven. Tickets are £8.

# frequency



# **L**fabric



### Headstart @Turnmills

If nights of headonism are what you came to London for then you could do far worse than a visit to Headstart, the Saturday club residency at Turnmills in Farringdon. Packed with a young mixed crowd their's no room for attitude, but plenty of space for those up for a good

After two crazy nights there in September it's been creeping up my favourite club night chart, with only the early closing at 3.30am keeping it from moving too high. However, if you don't mind leaving for half an hour and paying to get in again you can step back into Turnmills for Trade and stay till the next afternoon. Beware innocent here though, Trade is a not a club for the narrow minded!

Next week at Headstart sees Andrea Parker, Carl Clark and Octopus on the bill and would be a very good introduction to London clubbing, with no dressing up required. Simon

### home vs Fabric Were they ready for the launch?

Apart from the millenium parties, the most talked about happenings in club culture this year were the opening of two new Superclubs here in London. It was billed as heavyweight battle with both clubs with different strengths, but both with the same goal; to give the title of Britain biggest and best club to London. Until this autumn it was widely regarded that that title lay with Liverpool for Cream, or Sheffield for Gatecrasher. For anyone who shouts Ministry of Sound, all I'd say is: have you been to Cream?

Anyway back to the battle. In one corner it was much hyped home, of homelands fame and with no capital letter. A Leicester Square location and being set over a massive seven home meant business. Also a promise of a strict door policy to keep it a club for clubbers rather than the random lost looking tourists who normally inhabit the Square. In the other corner was Fabric. Set in Farringdon and with a generous week long license including a 24hr music and dancing license from Thursday to Sunday, it looked like Fabric was the perfect partner to home to ensure a battle that pushed both contenders to their limits. Sadly though, after more than just a couple fuck ups the battle is yet to begin!

home (yes, even here with a small letter) opened up on time, but there was exposed building work still going on and a number of other teething problems. Fabric, however, didn't even get it's doors open for the launch party! A pretty poor showing then, which was a definite shame, but I'm sure that when the battle does commence it will well worth it. Frequency will be previewing the delayed Fabric launch next week, and when visits have been paid to the respective venues you will be able to read about the firsty round of the battle here. The story continues...

James

### **Recommended Clubbing**

After much debate frequencyhas picked this selection of delights for anyone at a loose end this week.

### Monday 11th October THIS @ Bar Rhumba; £4

Gilles Peterson residency with guests that provide music like no other. Funky, electric and fun.

Wednesday 13th October

Swerve @ The Velvet Rooms; £4

Liquid funk and not too harsh drum and bass n.

### Thurday 14th October

Bedrock Birthday Party @ Heaven; £5 Digweed, Sasha and Danny Howells this is a line up to dream of.

### Friday 15th October

Escape from Samsara@The Fridge; £8 Absolute madness in Brixton, and more fun than should be allowed. Wicked!

The Gallery @ Turnmills; £10

Tall Paul and Judge 'All is forgiven' Jules. Get your gear on and get down.

#### Saturday 16th October

#### Renaissance @ The Cross; £15

Dave Seaman, Parks& Wilson and more at Renaissance's weekly London residen-Always worth a visit, without your trainers though!

### home @ home; £15

Go and check out the hype. Expensive, but it's early in the year and money shouldn't a problem. YOu know you have to go.

To have your club added to this list just invite us along, we'll check it out and if we like it we'll put it down

e-mail: felix@ic.ac.uk phone: 020 7594 8072 ask for James

# frequency \

Lovely Daughter Epic

Lame scratching, and a poor eighties sound make this quite an unlovely record. Merz have never impressed me much. I don't like the look of him, and this track certainly doesn't have the touch. It's like a man that feels like a woman. Know what I mean? Rubbish.

Ben & Jason Air Guitar GO! Beat

Coming from their summer Emoticons album, Air Guitar is another classic Ben & Jason track. There's all the usual niceness and the track is modern day easy listening at it's finest. Although often accused of sounding like Radiohead in their early days Ben & Jason are definitely worth looking out for and if you've any cash from your Student Loan, getting your hands on this or one of their albums wouldn't be a bad idea.

Iggy Pop Corruption Virgin

A collaboration with Hollywood heartthrob Jonny Depp, Corruption is Iggy at his best. His singing is harsh and precise and the tunes is punky enough to get your bopping just a few seconds after the disc has begun to spin. Depp provides the guitar riffs that accompany Iggy's crooning, and he doesn't let his partner down with a sound as crunchy as Iggy's crispy vocals.

Pavement Major Leagues Domino

Pavement's recent Terror Twilight album was supposed to be the album we had all been waiting for. The hiring of a producer made the music much easier on the ear, but sadly something was lost in the alledged upgrade. Major Leagues is Pavement at their nicest, and as such it's not Pavement at their best. Give me a slanted and enchanted sound any







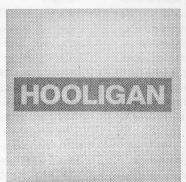






Ian Brown Love Like a Fountain Sony

Love Like a Fountain sings a new sound for Mr Brown. The voice is distorted, the beats are electro and there's enough squeaks and squiggles to satisfy even the most hungry listener. Sadly however all these sounds don't add up to a classic track, and Mr Brown would be better off sticking to a his trusty guitars and drums backing.



**Embrace** Hooligan Hut

A Beckish sound from the boys who've been promising much for quite some time. Hooligan is a good track, but it's not of the standard Embrace claim to be capable of. The guitar strumming is nice, the singing is sweet and there's a great yeah yeah bit, but even the extra use a kazoo doesn't lift the sound quite high enough. Please try harder boys.



Bernard Butler You Must Go On Creation

Bernard Butler must be pretty gutted that he'll never make as good a record as he did with Suede or with collaborator David McAlmont. Indeed for Mr Butler making music is one of those things that should definitely remain a group activity. Having said that though, You Must Go On isn't a bad tune but it is horribly average and in a world where we seek perfection I'm afraid this isn't good enough.

The Charlatans Forever Universal

With a new album Us & Us Only out next week, The Charlatans lay down the foundations well with Forever. Tim Burgess's voice smoothly sails the waves of funky bass and electro keyboards as the song cruises through it's five minute journey across the stereo. This bodes well for Us & Us Only and I'm witing with baited breath.

# frequency \



Gigolo Al Paradis (Codeblue)

Although the choice of a harmonic as one of the key instruments in this banging tune seems at first a little strange the decision turns out to be not as much as an error as it first sounds. The flip side Matt Darey remix provides further interest, with this and the original certainly living up the dance floor filler Beth Orton Central Reservation (Heavenly)

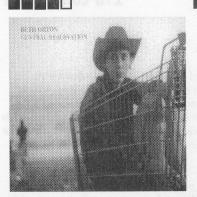
With three mixes of one of the best tracks on Beth Ortons Mercury Music Prize nominated album, this package ran Moby close for single of the week. Beth's voice finds perfect company in the beats that are added to her near perfect vocal track. The Spiritual Life remix is the standout and featured heavily in many di charts and on many dancefloors over the summer. If you miss out on Beth Orton, you're definitely missing out.

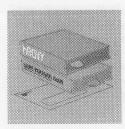
Eddy Ramich Zagreb Cuts Volume 1 EP (Solid State of House) 8/11/99

With Croatia being more famous for war than house tunes, one probably shouldn't expect much from Croat national Eddy Ramich. Any reservations are blown away by the four tunes of Zagreb Cuts. The tunes are world class with good variations across the board, to give a sound that will appeal to its house music target and many others besides.

Chemical Brothers Out of Control (Virgin)

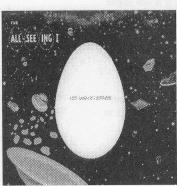
The Chemicals really do know how to make records. I was a Headstart at Turmills the other week and when this came on all I could do was jump up and down like a mad man. Crazy tunes, crazy times. Anyway Out of Control is a collaboration with Bernard Sumner and its speedy beats and catchy vocal 'out of control' chorus chant are enough to get enough the most tired clubber bobbing their head. Bring in on brother!





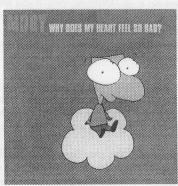
Jon Spencer Blues Explosion Heavy (Mute)

Only Jon Spencer can make music like Jon Spencer, However, as this time the release is a remix Heavy doesn't quite sound like Jon Spencer. The tune bounces along with some well timed, well thought out scratch samples and the tracks on the EP prove to be worth more than just a brief listening. Indeed the sound is so colourful you'll have more than just the blues pumping on your stereo.



The All Seeing I The First Man in Space (London)

Oh dear, it seems that the All Seeing I are going to be the one hit wonders we never thought they'd be. The First Man in Space is a world away from the catchy And The Beat Goes On and this is more than a shame. The other tracks on the single aren't up to much either so I'm afraid this release will be filed in the dustbin.



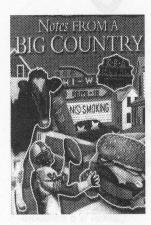
Why does my heart feel so bad?

Perfect come down records are few and far between these days. I've been looking for a new tune for some time. Moby, who has changed sound more often than anyone is dance music was perhaps the person I least expected to produce such a classic. Why Does My Heart Feel So Bad is an instant timeless classic. The pianos, strings and beats are perfect, and the vocals from a strong male lead and an angelic female backing all bring you up from whatever fathomous depths you may wallow. You must own this record.



A good quality single with excellent beats and sounds that are as well produced as anything you can hear. The tunes however, don't quite cut it as with best at the moment, but only having the supertunes is not what club music is about. Good for a warm up, or a come down.

# method $\Delta$



# Central Numeration Central Numer



### The Arts In London

### Notes from a Big Country by Bill Bryson

Black Swan £6.99

Bill Bryson has already cast his eye over Britain, resulting in the hugely popular Notes From A Small Island. Now this genial American has returned to the land of his birth along with his English wife and children. Since returning to the US he has produced a weekly column for the Mail on Sunday, and his latest book is an anthology of these miniature essays.

He manages to poke fun at those ridiculous aspects of US and British life in a way which is essentially, well, nice. There is no other word to describe Bill's style (and after reading this book, you will be on first name terms as well). By the end of his previous book I was finding his self-derogatory, confessional style a little wearing, but Notes From A Big Country lends itself to random dipping-in. This would be the perfect paperback for sneaking into lectures. However there are two fatal flaws. Firstly, at least twice in every page laughter bursts quite uncontrollably from my mouth. This may draw attention in the lecture theatre . Secondly, your professors will make you to lend it to them.

### East by Steven Berkoff. Vaudeville Theatre

£10 Concessions

Nearest Tube Charring Cross

Steven Berkoff: the Bad Boy of British theatre. A skinhead who swears a lot. He really swears a lot. I mean we are talking making Quentin Tarentino look like Jane Austin. Never have I visited a theatre and been subject to such a raping and violating of the senses. At times 'Cunt' was virtually a preposition. Ok, so we've established that this is not one to take your Granny to, but it is a play with an underlying raw strength.

Indeed, a piece of theatre to enlist a strong response, whether of hate for it or love for it (a "Marmite" play, if you will). It is not subtle and it is not pretentious, giving us a slice of life from the East End, often revealing the base instincts which lie within us all. We see all forms of baseness as the characters lurch from place to place; sexual conquest, racism, gluttony, incest and violence.

The original performance of this play was performed in the Edinburgh Fringe about 20 years ago, in which Berkoff played the main part. The character who has taken over his role certainly had a lot to live up to, at times looking a little weaker than the others.

I did feel that at points in this play Berkoff was dwelling in and glorifying the violence, wading in his misogynistic libido with no real purpose. He does do this with skill and power but beneath all the violence and F's and C's, at some points the play seemed empty.

The imagery of the fight and motorcycle scenes were fantastic, conjured up by Berkoff's torrent of graphic language and forceful style. The acting was fantastic. I was in awe of the extreme polish, intense physical strength and prescence that all (and I mean all) the actors generated.

I will certainly go and see it again. I do certainly recommend it. The play has a slick and astute humor, supported by a lambent and perfectly timed live piano music. This is an example of how theatre can be used, you will be blown away by its power.

Ben

If you are new to London let me assure you, that so far as the Arts are concerned you have come to the right city. The volume and diversity here are ENORMOUS. Take a look in Time Out and the ICU Students Handbook and see for yourselves just how much cool stuff there is out there. Even this will only scratch the surface. Whether it be theatre, art galleries, museums, musicals or books; this is the place to be.

People travel from all over the world to see West End theatre and now you can walk there. Queuing outside large West End theatres an hour before the show often gets you student stand by tickets. This is a good way of obtaining the best seats in the house for only a fraction of the price.

It can be expensive, but it can also be free. The National Gallery, National Portrait Gallery and parts of the Tate are all free. The Serpentine Gallery and Victoria and Albert Museum are both free and only two minutes walk away.

London is obviously a popular choice for book signings and premieres of all sorts. So the biggest names can be seen.

These are the Arts pages were you can see the Arts world reviewed by you and your peers. If you would like to be part of the Arts team and so be hated by all actors, director and writers in London please contact felix@ic.ac.uk . So now that you are here, make the most of it. Enjoy.

Ben

# ENJOY THE BEST OF BOTH WORLDS... A GLOBAL CAREER IN YOUR HOME COUNTRY

Standard Chartered, an international banking group has vacancies in your home country:

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We recruit graduates from any discipline

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Imperial College

**Thursday 14th October** 

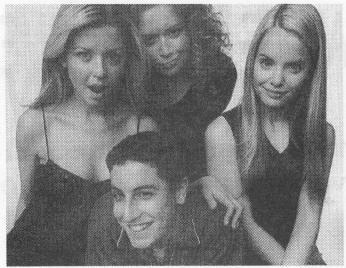
Mechanical Engineering Lecture Theatre - 342

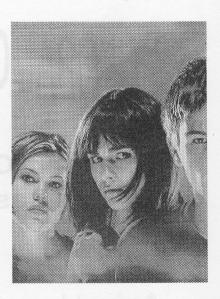
7pm

Dress code: Smart casual Refreshments provided To register contact: 0171 280 7072

## screen







### **ICU Cinema**

From next week this space will tell you all about what's on at ICU cinema. If you are a fresher ICU Cinema is a very cheap alternative to the expensive cinemas in London. It boasts a very large screen and a fantastic new sound system so now we can hear the films as well as see them. Ok, the films may not be the most recent blockbuster but often you can catch the films that you missed a couple of months ago. Watch this space!

## Appeal for Reviewers

Have you read the reviews and thought 'I can do better than that!'? Then prove it. Call into the Felix office on Modays at 1:30pm. See you there!

### **American Pie**

Somewhere deep beneath the level of There's Something About Mary and Dumb and Dumber, beneath Porky's, lower even than an average headline in the News of the World or the Sunday Sport, you'll find a whole new definition of "lowest common denominator". The kind of level where any joke that doesn't involve condoms, breasts, erections or sperm simply isn't funny. The kind of level where you'll feel embarrassed simply to be watching the gags being unleashed and scared by the fact that you're laughing at them. The kind of level best typified by groups of spotty fifteen year-olds sitting around and sniggering - and it's this level that American Pie taps into. In terms of crudity, American Pie simply is on a whole new level.

So it's rubbish then? Well, actually, no. This certainly isn't the kind of movie you'd take your mother to (or your girlfriend for that matter), but nonetheless it has moments of genuine comic brilliance amongst the rapid-fire gags. The premise is simple - a group of four teenagers in their final year of High School make a pact to all loose their virginity before they graduate, and promptly set about a variety of misadventures in a series of misguided attempts to get their end away. An average night in the Union you might think, but these guys are sadder, more desperate and more full of lame chat-up lines than anyone you might have met at IC - they will, quite literally, do anything. I won't give away too many of the jokes, for fear of ruining some of the most inspired (or sick, depending on your point of view) moments, but suffice to say you can't understand the meaning of the word "depraved" until you've seen a teenager attempt to shag an apple pie...

The problem, however, is that once you've identified the level that the movie's operating on the jokes become phenomenally obvious - and frequently you'll find the entire cinema laughing hysterically five minutes before the punchline arrives. Admittedly the quality of the stars doesn't help matters much (the cast list peaks out with one of the bit-part girls from Buffy), but you're nonetheless left with a distinct feeling that you could probably have written something not entriely dissimilar given about a week. Consequently American Pie is left sitting out on the shelf amongst the movies labelled "funny for shock value only". There's the distinct suggestion that it's a movie best suited to the world of teenagers brought up on overly-censored US TV, rather than to a generation of kids reared on a diet of Men Behaving Badly, Bottom and Reeves & Mortimer.

Not bad, just a little depressing.

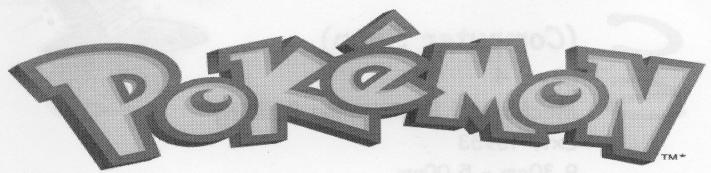
### The Faculty (video)

Ever had that feeling that everyone around you is from a different planet? Not difficult to imagine when you are studying at Imperial but the kids at Herrington High weren't just imagining it. After a few bizarre events, a group of loners, leaders and nerds finally discover that the teachers really are from a different planet and it's up to them to save the world from alien domination. While this film has an imaginative story and fantastic (if not gruesome) special effects, something just doesn't work. The story isn't developed enough and the characters are shallow although the actors playing them are famous faces. With a clever script from Kevin Williamson (Scream and Scream 2) and direction form Robert Rodriguez (Dusk 'till Dawn), it's a case of trying to fit too much into an hour and a half. But hey, that's just my opinion. If you haven't seen this film on the big screen already and you have nothing else to do this evening the go and rent it. It's guaranteed to make you laugh and squirm.



Helen





### Pokémon Facts

Worldwide, the Pokémon franchise is worth a mind shattering \$5 billion.

\$300 million of Pokémon merchandise were sold in the U.S. in 1 week.

Japanese Air Force pilots have taken to the Pokémon craze by painting Pokémon characters on their fighter

As well as this, Nippon Airlines currently has three planes in its fleet, with full Pokémon deliveries flying full time from Tokyo to San Francisco.

An Australian fan sent Nintendo \$10 because he felt he hadn't spent enough money buying the game!

Pokémon is the now the most searched for word on the internet.

In the US Volkswagen have created a fleet of 10 bespoke Pokémone Pikachu Beetles.

In Japan, 50% of 7to12 year olds are regular players.

A Colarado preacher has declared Pokémon to be evil, and demonstrated his strength of belief by spearing a Pikachu with a 30in

### Pokémon (Game Boy and Game Boy Color)

Pokémon (known as Pocket Monsters in Japan) is an RPG in which the ultimate objective is to collect 150 Pokémon in order to become a master Pokémon trainer.

You are a 10 year old boy living in Pallet Town with your mother. Next door lives your rival. You used to play nicely together when you were little, but lately he has become mean. He sees you as his rival because you are the same age and height. When you hear that Professor Oak is a Pokémon expert, you get excited because you are a curious boy. You walk outside of Pallet Town in search of Pokémon and you hear a voice.

"Hey! Don't go into the grass!" It's Professor Oak. "There are wild Pokémon living in there," he says. "They can be very dangerous. If you possess trained Pokémon, you can let them fight against wild ones."

From this outset this is obviously aimed at young kids, but don't let that put you off. This little sucker is infuriatingly addictive. It's all too easy to lose a couple of hours. So if you want to get good marks this year it's best to steer clear. The graphics were never going to be impressive considering this is probably the oldest console still in production, but the designers have managed to cram in a suprising amount of detail. If you play on one of the new Game Boy Colors or even ickler Game Boy Pockets the graphics look even sharper, thanks to the better screen.

The really, really clever marketing ploy of this game is the fact that it comes in two versions, a Red and a Blue cartridge. In order to become a true master Pokémon trainer you have to enlist the help of a friend with a copy of the other colour game.

By entering your Pokémon into many battles you can make them grow in strength and ability. Also at certain points in the game, your Pokémon will evolve into new Pokémon, with new abilities.

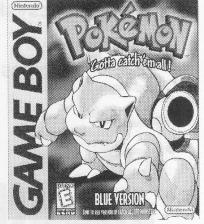
Death does not exist in the Pokémon world - you merely beat opponents - if your Pokémon take too much damage they pass out ready to be re-charged by their trainer.

I really found this game very hard to put down. While it was a little childish at times, it was sweet instead of annoying and all the monsters are very well designed with memorably wierd names. While the RPG sections are simplistic, there is enough variety to keep you going and a wodge of that "just one more battle" feeling.

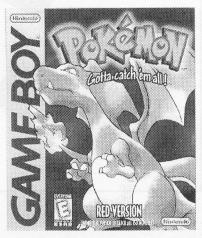
Why not get a piece of the Pokémon pie while its still fresh?











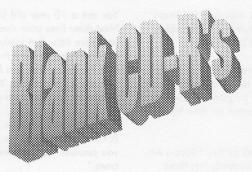


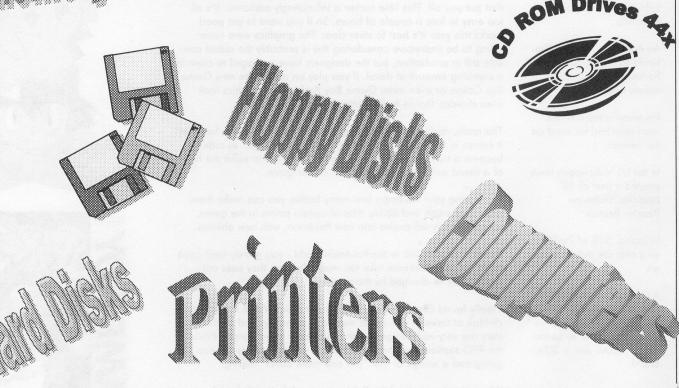
(Computer Shop)
Level 4
Mechanical Engineering Building
Ext. 46953
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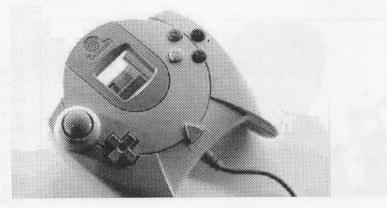




# react







### Intro

Welcome to this first edition of the new Felix games section. With a completely new, dedicated and enthusiastic reviewing team we will have fair, balanced reviews of all the newest games. Well, that's the plan anyway.

This week we have news of two upcoming console innovations - the Pokemon craze and the much hyped (and delayed) Sega Dreamcast.

Personally, as a die-hard PC games fan, I'm very cynical about all the hype surrounding the Dreamcast. Console games designers have had huge amounts of computing power on their hands for years and in all that time I have yet to see them produce a game that doesn't feel like it was designed for twelve year olds. But then maybe that's just me.

### Ben

(Andy - yeah its just you. An entire console/internet package for just £199? Try finding PC value like that!)

### Dreamcast finally hits the streets

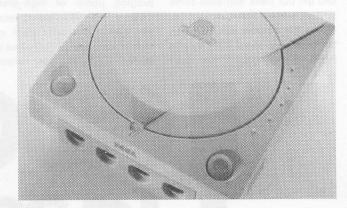
The gaming world takes an unretractable step forwards this month with the launch of the first 128-bit console, Sega's Dreamcast.

Yep, things have come a long way since the pioneering years of the 48k Spectrum, a computer that no doubt brings back fond memories for many. No longer do we have to wait 5 minutes for a game to load, nor are we confined to 2D and 16 colours. Despite these limitations the Spectrum oozed originality, playability and class, and its longevity (over a decade) is testament to these qualities plus the huge software library that was available. Today's technology is advancing faster than ever so such a lengthy lifetime is no longer likely. If the Dreamcast is to flourish it must at least match the originality of the Spectrum and convince games publishers that it deserves similar software support. One need only compare the Playstation to the N64 to see that such strategies win. Sony capitalised on marketing and a wealth of games while Nintendo, who produced the far superior machine, relied on fewer but better quality games and subsequently did not manage to capture the market majority. The Dreamcast does have an extra trump card up its sleeve, that of Internet access and the potential '6 billion' other players to compete against. The inclusion of a modem in the console is great news for gamers and will revolutionise online gaming, making it available to all. Sega's propaganda must ensure that the Internet capability of the Dreamcast is well marketed to win over gamers, since they only have a year before the next generation Sony and Nintendo machines are due. Unless wowed early on, it is likely that many will make-do with their ageing Playstation or N64 for another year. Never forget Microsoft, rumour has it that they will continue their megalomaniac expansion into the computing world with the release of their own console, the pants named 'X-box' at the end of next year...

Graphics are usually a defining factor in game standard, although they are no longer the be-all and end-all. Gamers can now hope for stronger emotional immersion with games such as Half-Life scaring the hell out of players of all ages. As the average gamer age has increased to the mid 20's and the old image of games-4-geeks is shrugged off we can also hope for a broader range of older audience, media incensing material.

For now though, the best we can do is go out and buy a Dreamcast or, if you're loaded and prepared for hardware problems, a topdog PC. With all the developments in the air you may easily neglect Sega's latest incarnation, but this would be a mistake as the Dreamcast really is a monster, and here are 10 reasons why:

- · Costs the same as a decent PC graphics card but you get the whole machine without compatibility hassles.
- · All-inclusive Modem.
- · The first 128 bit console, with unparalleled graphics.
- · Weird controller with LCD (Visual memory system) screen.
- · Games look similar to PC prices if you shop around.
- · 17 games at launch with many more on the way
- · Boast about having a more powerful system than your mates.
- · Multi-player finally comes of age Internet gaming available to all.
- · 5 email addresses plus an internet browser
- Prevent Sony/Nintendo domination greater competition is better for the consumer.



# **Bust-a-Gut Comedy**

This Friday sees this year's first show from the Union's acclaimed Bust-a-Gut comedy line-up, which over the course of the last few year's has featured some of the hottest new names on the national circuit, alongside established acts and Open Mic competitions.

To give you a taster of what's in store, we've teamed up with promoters Avalon to profile the line up week by week, so you can get a feel for whether or not to take Granny along with you. We've also got details of this year's Open Mic competition for those of you who think you could do better, and later in the term we'll be bringing you advance details of special offers, prize draws and giveaways. For now, however, lets look at this week's line-up:



Lucy Potter

Since reaching the finals of 1995's "So you think you're funny?" contest, Lucy has been tipped by many as a face of the future, thanks to her family-friendly (but nonetheless funny) routines and an impressive list of TV credits.



Chris Addison

Something of a favourite at Imperial, Chris played here twice last year, going down a storm with his mixture of intelligent, student orientated gags, domineering approach and love of Star Wars Lego.

Open Mic Award 2000

The Daily Telegraph award is Britain's biggest stand-up competition, with victory universally providing an instant push into the stand-up elite (plus £2000 and spots at the Melbourne and Montreal comedy festivals). Anyone can enter, provided they have never been paid for a stand-up gig, are over 16 and have the determination to get out on stage and prove their comic credentials to an unsuspecting audience.

To enter, just send your name address and phone number to : Daily Telegraph Open Mic Award,

PO Box 13048,

London W10 6WQ

Good luck - hope to see you at the semi-finals next May.



Later this month the Union plays host to a local heat of the DJ2000 competition, but what the hell is it?

Well, it's designed as a chance for every bedroom DJ to stop messing about in their room and get out there and earn some serious money. Contestants from across the country will be given the chance to show what they're made of and, even if they don't

win they'll meet the right people and gain loads of good contacts.

One student from the IC heat will be chosen to go through to the regional final in November or December, and the final will take place next January in front of a judging panel of high-profile musical types (DJs, press, record execs etc) who will select one overall winner to be crowned top student DJ for the new millenni-

um

The winner will then take away £1000, a set of Vestax Decks & mixers, an agency deal and guaranteed bookings. The runners up will pick up cash and Vestax goodies.

The sponsors of the competition are Red (the new alcopop infused with organic stimulants to keep you going) and Juice magazine. So say thank you. Good.



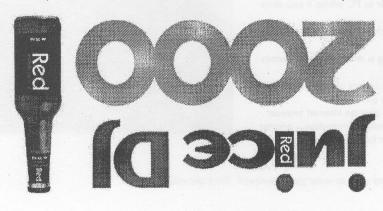




Elections

The OSC will be holding elections tomorrow (Tuesday) at 1pm in the Union Dining Hall. This is your chance to have your say in how the overseas clubs are run and in organising International Night.

All positions are available.



### ICU JAZZ AND ROCK

presents.....

JAM SESSION!

Just come along to DBs in the
Union building at @7pm on
Thursday 14/10/99 and join in with
the fun - all you need is your
guitar/bass/drum sticks/
trumpet/vocal chords, etc. and
best of all it's free! You don't have
to be a member and it's the best
place to meet other musicians and
put a band together!

http://www.su.ic.ac.uk/jazz\_rock/

### CALAMARI

"sensational alternative rock" - melody maker



http://listen.to/calamari

Debut EP "A little More" now available

Catch CALAMARI live at:

15/10/99: West One Four, West Ken.

On stage @10.40pm Bar open until 1am £6/£5 with flyer

Flyers available from Union office

### MITCHELL MADISON GROUP

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  - interested in e-commerce?
    - interested in both?



To find out more about the exciting opportunities created by the recent merger of Mitchell Madison Group and USWeb/CKS, please come along to our campus presentation.

Thursday, October 14th at 6.30pm in Civil Engineering Lecture Theatre 201

We look forward to seeing you there!

www.mmgnet.com

Mitchell Madison Group - a USWeb/CKS company

www.uswebcks.com

FELIX

Monday

Tuesday

STA Quiz Night

crate of lager.

8pm, da Vinci's

Win £50 cash or a

Wednesday

Classic party tunes

for the post-match

party, plus cocktail

bar and chill out

Free b4 11, 50p after

XS

room.

9-1am, dBs

Thursday

World Cup Rugby

New Zealand v Italy

1 pm, da Vinci's

Wales v Samoa

5pm, da Vinci's

Cocktail Night

cocktails in town.

5-11pm, da Vinci's

Relax and cool down

with the cheapest

Friday

World Cup Rugby England v Tonga, 1 pm

> **BustaGut Comedy** Chris Addison & Lucy 8pm, dBs, £2.50

Pop Tarts Extreme cheese 9-2am, £1

EZT

LUB S

Want to see your clubs details listed here? All you have to do is email the date, venue and time of your meetings or events to felix@ic.ac.uk. Don't forget to indicate whether it's a weekly event or a one-off.

Jazz & Rock Jam Jam session in DBs from 7pm - all are

welcome to join in.

Bedrock Birthday

Party @ Heaven; £5

Diaweed, Sasha and

Danny Howells - this

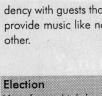
is a line up to dream

The General's

Music

Film

THIS @ Bar Rhumba; £4 Gilles Peterson residency with guests that provide music like no



Very funny high-brow high-school comedy. Virgin Trocodero 3.50, 6.20, 8.50 **UCI Whiteleys** 4.20, 7.15, 9.40

Walking The Long Dinosaurs Goodnight BBC1, 8,30pm C5, 9pm A reminder of why Samuel L Jackson and Geena Davis kick your parents pay the some serious ass. licence fee. Amazing.

The best movie out at the moment. Period. Catch it while it's still showing. Odeon Mezzanine 4.15, 6.15, 8.35

> Tomorrow Never Dies ITV, 8pm Latest Bond outing mixes great gadgets

American Pie Low-brow (and then some) teen comedy. Odeon Kensington 4.05, 6.25, 8.45 Virgin Fulham Road 4.30, 7.00, 9.30

with crappy bad guy.

Swerve @ The Vel-

Liquid funk and not

too harsh drum and

vet Rooms: £4

hass n

Daughter Southern potboiler warmed over by an inform John Travolta. Virgin Fulham Road 3.45, 6.15, 9.15

> Clive Anderson All Talk BBC1, 10.30pm The balding barrister embarrasess more A list quests.

Kooky comedy with Bobby de Niro. Virgin Haymarket 2.30, 6.30, 8.50 UCI Whiteleys 6.00, 8.40

Escape from Sam-

sara@The Fridge; £8

Absolute madness in

Brixton, and more

fun than should be

allowed. Wicked!

Analyze This

Never Mind the Buzzcocks BBC2, 9.30pm Mark Lamarr and co take the piss out of all and sundry.

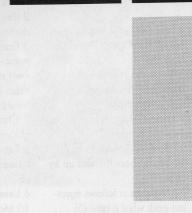


Saturday

1 October 1999 • Felix



**Next Week** 



Renaissance @ The Cross: £15 Dave Seaman, Parks & Wilson and more at Renaissance's weekly

London residency.

Big Daddy Shamelessly sentimental Adam Sandler vehicle. Odeon Kensington 4.10, 6.25, 8.50 Virgin Chelsea 4.15, 7.00, 9.10

Runaway Bride

Julia Roberts, Richard

Gere and lots of tissues.

Virgin Fulham Road

3.45, 6.15, 9.00

3.35, 6.05, 8.45

Odeon Kenisington

World Cup Rugby ITV, 2pm With the silly teams out of the way it's time to get serious.

Deep Blue Sea Shameless Jaws clone starrina ever-cool Samuel Ljackson, ever photogenic Charlize Theron and lots and lots of CGI.

The Rugby World Cup continues to blitz ITV's coverage. Have England got a fighting chance? Yeah, right..

# Tasting Notes

Week Two: The Frying Pan

The Basic Skill

Last week, we looked at boiling, the simplest skill of all. This week, things get a little more complex, as we switch to the frying pan. Frying is a cornerstone of British cuisine. Traditionally huge amounts of oil were used. Frying in a pan was just a less fat-intensive version of deep frying. As we became more health conscious, there has been a tendency to reduce the amount of fat used in cooking. This doesn't mean that the frying pan has had its day. Frying is convenient, and because you can see the food it's hard to go wrong.

To fry, you always need some kind of fat. Aside from flavour, the most important characteristic of a cooking fat is smoking point. This is the temperature at which the fat starts to burn, producing smoke. In general, if you reach smoking point the temperature is too high. When frying, all the same heat

control rules apply as for boiling. You need to heat more vigorously when the pan and its contents are being raised in temperature, and less when you only need to maintain temperature. The pan and fat should be raised in temperature, before the food is added. When frying, you should normally maintain a brisk sizzle. If juice is leaking out of the food, the temperature may be too low. Splattering probably means you need to reduce temperature.

Most meat can be fried in its own fat, or maybe with a little butter or olive oil. It is obvious with a quick fork prod whether it is cooked through. Experimentation is the best way to learn, but be aware that thicker bits of meat are more tricky.

### Meal Suggestion Saute Potatoes

This is easy, but not quick. It makes a really tasty lunch, or light meal. You really need to use waxy potatoes, as opposed to the usual floury types. Sometimes called salad potatoes, waxy potatoes have a creamy texture. Common varieties include

Charlotte and Ratte. Most new potato varieties also seem to be alright here, including the really cheep ones, of unspecified variety, which most supermarkets sell loose.

Prepare a medium onion by chopping into fairly small bits. Heat a splash of olive oil and a knob o butter gently in a frying pan, and add the onion. Fry slowly for a few minutes, until the onion is soft, but not brown. Chop about 150g of potato per person into slices of about half a centimetre thick, then turn the heat up slightly and add to the pan. Sprinkle a teaspoon of a robust herb (such as Rosemary or Thyme) over the mixture, then stir.

Turn the heat down so that you can hear only the tiniest sound of fry ing, then leave for the best part of an hour. If possible, try to cover the pan. When you return, add some chopped cheese, ideally something more adventurous than just cheddar. Wait for a couple of minutes while the cheese melts, then serve

### Advanced Tip Glazed Vegetable Chips

Fried vegetable chips are very interesting visually. I use a combination of carrot with about half the quantity of parsnip. Chop the vegetables into really thin strips, perhaps only a few millimetres thick. Heat a pan of water, and blanch the vegetables for a few minutes. You may need to do this in small batches, to ensure that the temperature of the water doesn't drop too low. Fish the vegetables out with a slotted spoon, and dry them off by heating briefly on their own in a frying pan. This ensures that they fry easily.

Turn the vegetables out of the pan, and heat enough nut oil to coat them. Add the vegetables back in, with about half a tablespoon per person of demerara sugar. Fry moderately hard for about 10 minutes. By the end of this time, the parsnips should be fairly brown, and the carrot just slightly black.

Take the pan off the heat, add a lump of butter, then serve beside a main dish



### **32**

### The Felix Crossword, by Is Jam Well

1	2	3		4	5	6
			7			
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-Vil. 10		20			70 101	
21		AZOS I SCION	22		al tal pnalog	

### Across

- 1 Hesitating after sail support? That'd be my teacher. (6)
- 4 Sounds like he teases...perhaps the author of Darling Buds (5)
- 7 Thank the reserves (2) 8 In drab altitudes an Indian dish is found (5)
- 9 Hear of Hong Kong Govenor's motif (7)
- 11 Reverse 7 to be there (2) 12 North room messed up by
- imbecile (5) 13 Mafia boss follows egyptian god: what a gas! (5)
- ian god: what a gas! (5)
  15 No way: it hurts in there
- 17 Sitar player mistakes oil for pasta (7)
- 19 The colour of peace (5) 20 Emerald city on the other side of the world (2)
- 21 Blokes from Kent come (5) 22 Blemishes caused by Asti spill on Nova Scotia (6)

### Down

- 1 Sombre saint turns to the Mafia (8)
- 2 Ills? Yes! Confused, dummy? (5)
- 3 Ecstasy! First an irrational number, then the acidity, then any mixed up coin provides a symbol of Christ's
- revelation to the Magi (8, 4) 4 Class of fighting for heavy chickens (12)
- 5 Retro 18th character is distressed. Extremely distressed! (6)
- 6 Listen: observe the Med (3) 10 Moments contained by sanctified workers (8)
- 14 Mad! The Germans confused the crown (6)
- 16 Heavy snow above Northern Ireland gave Agricola something to write about (5)
- 18 Big ugly sister starts up transportation (3)

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But you won't be held back by bureaucratic structures.

If you think you can make an immediate contribution in a

highly demanding environment, then take this opportunity to speak with us.

If you would like to attend our company presentation, please come along and see us:

Tuesday 19 October Conference Centre Warburg Dillon Read 1 Finsbury Avenue London EC2 – 6.00pm

Operations/IT Presentation Monday 15 November 7th Floor Seminar Room Warburg Dillon Read 1 Finsbury Avenue London EC2 – 6.30pm

For registration details, please phone our hotline on 020-7568 0706 or visit our website.

www.wdr.com

# Unilever orands touch the lives of over half the families on the planet.



**Unilever Companies Management Development Scheme is widely regarded** as one of the best routes into management in the world.

To maintain our global success we need to attract graduates of the highest calibre.

**Find out more** at our presentation. Read Lecture Theatre, Sherfield Building, Monday 18th October at 6.45 pm

www.ucmds.com



Unilever Companies Management Development Scheme

Be part of it.

### IC Radio

### ic radio - 999AM The home of FREE BEER!

C Radio is one of the oldest and most well respected student radio stations in the country, and broadcasts 24 hours a day to IC. What does this mean to you? Well, if you are fortunate enough to live in Prince's Gardens, you can pick us up on 999AM. However in the past few days we have launched our new web-site which is truly exceptional. Check us out at http://icradio.com and you will find the current chart, playlist, and schedule all on-line, plus you can listen to us over the Internet at any time of the day or night anywhere in the world via our Internet Broadcasting and send us your requests from our web-site. Those Freshers who have been sent a survey under their door in halls - PLEASE fill it out as we can then play the music YOU want to hear.

If you are interested in any of

the following:

- · Presenting your own radio show in any style you want
- · Interviewing famous and up-andcomina bands
- · Going to FREE gigs and concerts
- · Reviewing music and receiving FREE CDs
- Reviewing nightclubs
- DJing in our own venue in Southside Bar

then please join us. We are one of the union's cheapest clubs (£2 last year), and are having our legendary Beer and Biscuits Freshers Event this Tuesday (12<sup>th</sup> Oct.) at 7pm in the Southside Studios next to Southside Shop. Come along and enjoy the delights of 180 pints of FREE beer and as many biscuits as you can eat whilst meeting our DJs and people from the Music Industry.

Check out posters around college or our web-site for more

### Pimlico Connection

he Pimlico Connection student tutoring scheme has been placing students as volunteer tutors in local primary and secondary schools for the past 25 years.

For a couple of hours every Wednesday, tutors assist with science, maths, and technology classes. We also send several students to local after-school homework clubs.

Throughout the year, the student committee organises a host of imaginative social events for its tutors, so if you're looking for a challenge that is both rewarding and fun, come to one of our non-committal briefing sessions:

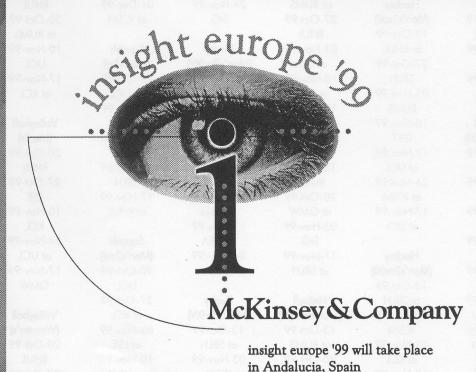
- · Monday 11th October 5.30pm
- Room 536, Blackett Lab (Physics)

- · Tuesday 12th October 6pm -Room 536, Blackett Lab (Physics)
- · Wednesday 13th October 2.30pm - Room GO2, RSM Build-
- Thursday 14th October 5.30pm - Room 536, Blackett Lab (Physics)

If there are any problems, you can contact me on: 0171 792 4236 or on my mobile: 0403 819 512

Geoff Hewick

To place an article about your society contact David Roberts at felix@ic.ac.uk.



18-21 November

### Do you thrive on leading, achieving or excelling at academic pursuits?

McKinsey & Company, an international management consulting firm, is sponsoring Insight Europe '99 - a program for European post-graduate students with limited business experience who seek to be outstanding leaders: people who strive to make a difference to the world around them and motivate others to do the same.

If you are interested in learning how your talents can be leveraged in the wider world - then Insight Europe is designed for you.

Applications must be received by 20 October, 1999. Finalists will be notified by 3 November, 1999. Applicants should be expecting to finish their degree before 2001; no business experience is required. All expenses will be paid. For more information and an application, visit our web site at http://www.mckinsey.com/insight or pick up a brochure from your

# **Autumn Term BUSA Fixtures**

Matches don't start properly until Wednesday, so to keep you occupied here are this terms BUSA fixtures for all the major teams [ICSM fixtures were unavailable as we went to press]. Scores will be updated at www.su.ic.ac.uk/clubsocs/fixtures/ Reports to the office by 8pm on Wednesday please....

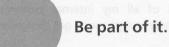
Badminton	RUMS	03-Nov-99	at QMW	20-Oct-99 at GKT	Rugby	Rugby	Tennis (Men's)
(Men's1st)	27-Oct-99 GKT	GOLD 10-Nov-99	17-Nov-99 UCL	27-Oct-99	(Men's1stXV) 13-Oct-99	(Women'sXV) 20-Oct-99	13-Oct-99
13-Oct-99		RHUL	UCL	UCL	Brunel	at GKT	at RHUL
KCL	03-Nov-99 at RHUL	17-Nov-99	Golf (Men's)	03-Nov-99	20-Oct-99	27-Oct-99	20-Oct-99
20-Oct-99			13-Oct-99	RUMS	RUMS	KCL	RUMS
GKT	10-Nov-99 at LSE	at QMW	LSE	10-Nov-99	27-Oct-99	03-Nov-99	10-Nov-99
27-Oct-99 at QMW	24-Nov-99	Football	20-Oct-99	at SBLH	SBLH	at UCL	at UCL
	UCL	(Men's3rdXI)	RUMS	17-Nov-99	03-Nov-99	10-Nov-99	17-Nov-99
10-Nov-99 at UCL	UCL	13-Oct-99	10-Nov-99	at ICSM	at Bucks	SBLH	KCL
ai oct	Basketball	GKT	RHUL	ai icsivi	10-Nov-99	17-Nov-99	NCL
Badminton	(Women's)	20-Oct-99	17-Nov-99	Hockey	at Essex	RHUL	Tennis
(Men's2nd)	13-Oct-99	at GOLD	at KCL	(Women's 1 stXI)	17-Nov-99	24-Nov-99	(Women's)
13-Oct-99	KCL	27-Oct-99	ui KCL	20-Oct-99	at UEA	at RVets	13-Oct-99
at UCL	20-Oct-99	RUMS	Hockey	at RUMS	24-Nov-99	01-Dec-99	RHUL
20-Oct-99	at GOLD	10-Nov-99	(Men's 1 stXI)	27-Oct-99	StG	at ICSM	20-Oct-99
StG	27-Oct-99	at SBLH	13-Oct-99	RHUL	010	ar rearri	at RUMS
27-Oct-99	at GKT	17-Nov-99	at RHUL	03-Nov-99	Rugby	Squash	10-Nov-99
KCL	03-Nov-99	StG	27-Oct-99	at UCL	(Men's2ndXV)	(Men's 1st)	UCL
03-Nov-99	RHUL	08-Dec-99	SBLH	10-Nov-99	13-Oct-99	20-Oct-99	17-Nov-99
at RHUL	10-Nov-99	RHUL	03-Nov-99	at SBLH	Brunel	at UCL	at KCL
17-Nov-99	LSE	KITOL	RUMS	17-Nov-99	20-Oct-99	27-Oct-99	
LSE	24-Nov-99	Football	10-Nov-99	KCL	RUMS	KCL	Volleyball
24-Nov-99	at UCL	(Men's4thXI)	GKT	24-Nov-99	27-Oct-99	03-Nov-99	(Men's)
QMW	ar occ	13-Oct-99	17-Nov-99	ICSM	SBLH	LSE	20-Oct-99
amm	Football	LSE	at UCL	13-Oct-99	03-Nov-99	10-Nov-99	RHUL
Badminton	(Men's1stXI)	20-Oct-99	24-Nov-99	RUMS	at Bucks	SBLH	27-Oct-99
(Women's)	13-Oct-99	ICSM	at ICSM	20-Oct-99	10-Nov-99	17-Nov-99	LSE
13-Oct-99	at KCL	27-Oct-99	17-Nov-99	at QMW	at Essex	at RHUL	10-Nov-99
UCL	20-Oct-99	at GKT	at UCL	03-Nov-99	17-Nov-99		KCL
20-Oct-99	at UCL	10-Nov-99		StG	at UEA	Squash	24-Nov-99
at ICSM	27-Oct-99	RUMS	Hockey	17-Nov-99	24-Nov-99	(Men's2nd)	at UCL
27-Oct-99	at QMW	17-Nov-99	(Men's2ndXI)	at SBLH	StG	20-Oct-99	17-Nov-99
at KCL	03-Nov-99	at UCL	13-Oct-99			UCL	QMW
03-Nov-99	ICSM	24-Nov-99	at SBLH	Netball	Rugby	27-Oct-99	
RHUL	10-Nov-99	at QMW	20-Oct-99	(Women's 1st)	(Men's3rdXV)	at KCL	Volleyball
17-Nov-99	RHUL	01-Dec-99	ICSM	13-Oct-99	13-Oct-99	03-Nov-99	(Women's)
at LSE	24-Nov-99	at GOLD	03-Nov-99	at RUMS	at SBLH	at LSE	20-Oct-99
24-Nov-99	LSE		at KCL	20-Oct-99	03-Nov-99	10-Nov-99	RHUL
at QMW		Football	10-Nov-99	LSE	ICSM	at SBLH	. 27-Oct-99
	Football	(Women'sXI)	RHUL	27-Oct-99	10-Nov-99	17-Nov-99	at LSE
Basketball	(Men's2ndXI)	13-Oct-99		StG	RUMS	RHUL	10-Nov-99
(Men's)	13-Oct-99	RUMS	Hockey	10-Nov-99	17-Nov-99		at KCL
13-Oct-99	KCL	20-Oct-99	(Men's3rdXI)	at GKT	at UCL		24-Nov-99
at KCL	20-Oct-99	at RHUL	13-Oct-99	17-Nov-99			UCL
20-Oct-99	at UCL	10-Nov-99	RHUL	at Wye			



# Recruitment at Unilever

into the year 2000

Unilever



Do you want to work for a truly global company? A company that gives you a real job - making decisions, solving problems, playing an active role? Then read on.

Unilever employs a wide range of graduates onto the Unilever Companies Management Development Scheme - UCMDS. To join Unilever this way there are a number of processes that you need to go through - they are carefully designed to assess your abilities and potential and to ensure that Unilever can fulfil your needs and ambitions. The first is the application form, then a first interview, and a Selection Board.

To find out everything you need to know about recruitment, come to the presentation on 18th October, or visit our website, or read a copy of our recruitment brochure.

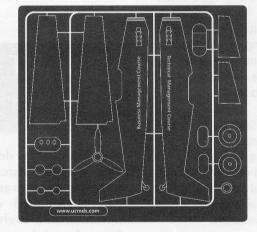
The Closing Date for UCMDS Applications is Friday 14th January 2000.

Check out our
Recruitment Website:
www.ucmds.com

### **UNILEVERMANAGEMENT**COURSES

# Career Starter Kit for highfliers

We have designed two courses to give you a brief but realistic view of the functions of management. Using a series of case studies and business simulations, we hope to give you an insight into what it feels like to work as a manger within Unilever.



We recognise that choosing a career, let alone a company, can be difficult. We hope that by attending one of our management courses in your final year, this decision will be made a little easier for you.

### **Technical Management Course**

Aimed at finalists and postgraduates from engineering and science degrees interested in a career in Manufacturing and Supply Chain, or Product Development.

**Date:** Saturday 4th - Tuesday 7th December 1999

December 1999

Venue: Chester Grosvenor Hotel,

Chester

### **Business Management Course**

Aimed at finalists and postgraduates from all degree disciplines who are interested in a career within Brand Management, Customer Management, Finance, Human Resources, or Information Management.

**Date:** Sunday 12th - Thursday 16th December 1999

December 1999

**Venue:** Gorse Hill Executive Training Centre, Woking, Surrey

Closing Date for Applications - Friday 5th November 1999

# What do I.C. Grads do

# when they leave college?

### **CLAIRE ROBINS**

Mechanical Engineering 1991 - 1995

I studied the Mechanical engineering four year course at Imperial College, graduating in 1995. Unilever sponsored me during this time and I gained 20 months industrial experience, mostly in Unilever's margarine factories in both the UK and Europe. On graduation, I was invited to join their Unilever Companies Management Development Scheme. I joined Unipath in Bedford as a Technical Trainee and for two years I gained experience in engineering, production management and marketing. In 1997 I became a Project Manager, in the engineering department, buying, installing and commissioning production lines for the 'Persona' contraceptive.

I then moved on to become a Production Manager, leading my own team of operators, machines and engineers. There was a sudden downturn in demand for our product. Managing a large group of people whom have nothing to do all day has been one of the most challenging experiences thus far. From here, we went through a job reduction exercise. My department lost one third of its workforce. I was part of the small management team that orchestrated this.

From Unipath, I joined Lever in October 1998 as a European Packaging Development Manager. My responsibility now is for all the packaging for Fabrics tablets (e.g. Persil and Surf in the UK) for the whole of Europe. I travel regularly to work with our European factories, suppliers and marketing teams to ensure our packaging runs well in the factories, is cost effective and yet meets marketing's requirements.

Unilever takes very good care of its graduates. It challenges them and develops their knowledge in order to apply it in a business environment. The mentoring system means you get advice from an unbiased source on how to take your career in the direction that you want it to go. You will work hard but in return, you get to work for one of the world's most exciting fast moving consumer goods conglomerates.

Unilever is a very interesting company to work for. It is involved in some very competitive markets and there is a real

buzz developing strategies to outwit your competition. You have the opportunity to communicate with every level throughout the company. I really enjoy trying to balance up the needs of all my internal customers. It challenges your creativity and you soon get recognised as an 'expert' in your field.

I think Unilever in the next five years will continue to grow in developing countries whilst maintaining a dominant force in its 'home' of Europe. The huge success of Persil tablets demonstrates that innovation can still take the market place by storm - even in areas where the market is assumed to be mature and perhaps, unexciting.

If I had to give any words of advice, it would be that your future is in your hands. You have to push for everything you want. Just because you are wined and dined by companies in the final years of university, doesn't mean you have a right to the best jobs. In some ways, that competition starts on your first day...

### STUART CLARKE

Chemical Engineering 1993 -1997

After finishing my degree in Chem. Eng. at Imperial, I took a rather extended six month holiday to go travelling in Africa and South America. I climbed a few mountains, lazed on beaches and learned how uncomfortable twelve hour bus journeys could be. Since then I have started out on the first year of Unilever's graduate training programme, as an engineer.

So far this has involved project engineering at a margarine factory, where the biggest challenges were most definitely man management and influencing others. Since then I have been marketing Chicken Tonight. Now the products are far from glamorous but the working culture is great. Aside from the day to day work, there is a host of training courses to choose from,

some have a particular engineering focus and others are much more general business topics. As an engineer Unilever ensures that your training encompasses all the necessary areas to become chartered.

What won me over to working for Unilever is the number of different areas of the business I would have an opportunity of working in. After this experience I will be in a much better position to know what part of the business suits me best. The best advice I can give for those unsure of which company to join, is to meet as many people from a company as possible and ask yourself; would I want to work with them?

### **AARON RAJAN**

Biology with Management 1995 - 1998

I graduated from IC in 1998 when a rumble of construction accompanied my Biology with Management finals as the Medical School was finally completed. My Unilever journey began with a 3-month summer placement working as an Information Management trainee at Lever Brothers in Liverpool. It was the experience of meeting such an extraordinary calibre of people that led me to apply for the Unilever Company Management Development Scheme (UCMDS) in my penultimate year at IC.

Several rounds of gruelling interviews and a fantastic summer holiday later I arrived at Van den Bergh Foods ready to face the surreal world of Flora Marathons, Mr Pepperami and PG Chimps. From day one I was given instant responsibility, projects which were clearly valued by the business. Like any challenging job the learning curve is steep, but you're given every aspect of the training that you require, from project management, through to negotiation, mediation and even creativity training!

What really attracted me to the Unilever graduate scheme was the philosophy, that to be a successful senior manager you are required to have a comprehensive cross-functional business understanding. So, the training scheme reflects this, in the form of secondments providing variety coupled with cutting edge business strategy - which is why the scheme is undisputedly one of the best global graduate training opportunities.

My first project at Van den Bergh Foods was as leader of a European Extended Supply Chain Harmonisation Initiative or EESCHI for short!! I can still remember arriving on my first day to be presented with return tickets to Amsterdam. One year on and I've just finished a six-month placement working in Marketing, as Assistant Brand Manager on my much loved 7-day a week Pasta accompaniment as a student -RAGÚ. It's great, 6 months in and I was deciding how to spend the brands' million pound promotional budget - it's surprisingly easy once you know how! My current position is as Project leader for an interactive media initiative, which will have implications for Unilever globally.

For me what sets Unilever apart from its rivals is that it's a real people Multinational, with high profile global opportunities.

### AMANDA KALOGROULIS

Mechanical Engineering 1987 - 1991

I joined Unilever in 1986 as a sponsored student with Lever Brothers, after going through a one day Selection Board similar to that used to recruit graduates. In the year preceding university and during the summer holidays, I worked on a number of different, very interesting projects both in the UK and in Germany. Although most of my time was spent on manufacturing and engineering projects, I also spent time in the Personnel and Marketing functions. One of the aspects of the Unilever management training that I appreciated was the opportunity to learn about the business as a whole, through practical experience in a number of functions.

When I graduated from Imperial College with an MEng in Mechanical Engineering in 1991, I transferred to the Foods Division as a hybrid technical / commercial trainee. During that time I had a number of roles: Cost Accountant for our meat pie factory, Project Manager for the relocation of some process equipment due to site closure, Materials Planner for Batchelors, Shift Controller for our Tea Factory to name but a few. After eighteen months I was given my first management position as a Production Planner. After a further eighteen months, I was appointed as the Project Manager implementing new supply chain processes and systems. I then left to have my first child after which I returned to work full time as the Supply Chain Manager for the Batchelors Business Group. After having my second child I returned to work four days a week in my current capacity as a Supply Chain Project Manager. This involves designing and implementing a new organisation that is more focused on delivering supply chain excellence for our UK and European customers.

I have never regretted my decision to join Unilever. On several occasions I have considered moving on to broaden my experience but despite other job offers, I have always chosen to stay. The package they offer is very competitive, especially the extras such as maternity benefit, pension, sharesave and health care. The Unilever culture suits me and I like the people that I work with. I have always had very stretching and varied roles with Unilever. They have also been very good at accommodating my personal wishes.

I believe that Unilever will continue to offer challenging, rewarding careers in an ever-changing organisation.

Good luck with your degrees and with the decisions you make regarding your careers.

Be part of it.

# Pen-ultimate year? Planning ahead? The Unilever Challenge



If you are a penultimate year student studying for a science or engineering degree and are considering a career in technical management, Unilever is offering a limited number of places on a four day UNILEVER CHALLENGE from MONDAY 10TH - 13TH APRIL 2000 in Eskdale, Cumbria.

Our aim is to give you the chance to assess your management potential in a challenging environment, and to explore with a variety of Unilever managers the qualities industry is seeking in technical graduates.

Application forms are available from helen.hutchinson@Unilever.com

# PhD Scientists

# -we have opportunities in Unilever Research

Unilever spends approximately £550 million per year on research and development. Unilever Research employs world class scientists and engineers in a broad range of disciplines from across the globe and is currently recruiting approximately 100 PhDs each year. All research whether product-oriented or exploratory, is carried out in multi-disciplinary teams, in a well-defined and proven project management framework. The six laboratories of Unilever Research world-wide are in the UK (Port Sunlight and Colworth), The Netherlands, the USA, India, and China.

For further information visit our website www.research.unilever.com, or email -research@unilever.com

### Unilever at a glance

Worldwide sales in 1998 of over £27 billion

Spends some £3.5 million a year on brand marketing

300 local operating units in 88 countries with sales in over 60 more

Employs nearly 265,000 people, with 90% of managers locally recruited and trained

Invests some£550 million in Research and Development