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Cuts in the University's recurrent grant, announced by the Government shortly before Christmas, are likely to necessitate a minimum reduction of £1.65m in the University's budget for 1981-82.

The Principal, Dr. Burnett, talked to Student concerning the effect of these cuts on life at the University.

The Principal was asked about the possibility of departments closing. "I think that it is improbable will be the first consequence of the problems we are facing...but this £1.65m 'volume cut' is first of three in sources of finance. Without actually closing some departments..."

On the long-term prospects for the University, Dr. Burnett said that the most important thing was "to maintain the range of activities in Universities." But although the range of failures offered collectively by Universities in 10 or 20 years time might well be increased, "the activities in any one University may well be reduced."

Dr. Burnett emphasized the need not to be rushed into decision because, given the time-scale of University life, "you can make a decision now whose consequences may not become apparent for 8, or even 10 or 12 years."

Asked about whether the Committee of Vice-Chancellors and Principals might be able to persuade the Government to allow more time for the implementation of these long-term cuts, the Principal replied: "I would say that the whole pace of the Government's action is such that, having made a dictat, they don't go back on it... The chances of the time-scale being extended on this first volume cut are negligible, but it might help with the second and third..."

If more time was in fact, allowed, it would help by both increasing the number of staff who could be lost through retirement and by increasing the possibility of finding alternative sources of finance.

On the question of capital expenditure, the outlook was not encouraging. "Apart from the possibility of departments which are already underway, there is not much chance, the dental school apart, of anything else very much happening..." The figure of £1.65m (calculated in 1979 values) is based on what are called "conservative assumptions" and may turn out to be considerably worse. Even more worrying are the rumblings from the Government that this 6% reduction in real terms will be the first of three substantial 'volume cuts' in state support to British Universities.

The decentralised system of budget control in Edinburgh University means that the exact implications in particular areas of spending will not become clear for some time, but general scale of cuts can already be seen. Even if all the staff at beyond retirement before the end of the academic year 1981-82 were released without replacement (which is not considered to be feasible) this would not produce the required saving. The number of staff leaving the University to take up other employment is unlikely to be significant, given the national unemployment level.

Cut to student numbers: The latest cuts, the Principal replied: "The activities in any one University may well be reduced."

"The number of students who could be lost through retirement is such that, having made a dictat, they don't go back on it... The chances of the time-scale being extended on this first volume cut are negligible, but it might help with the second and third..."

If more time was in fact, allowed, it would help by both increasing the number of staff who could be lost through retirement and by increasing the possibility of finding alternative sources of finance.

There are a number of factors which are likely to make the effect of the cut in state support to British Universities on the University's budget more severe. Government provision is based on the assumption that the wage and salary increases will be no more than the rate of inflation, and any additional 1% increase will cause a further £200,000 cut. The rising costs of study, however, will mean that overseas students are likely to cause a further fall in their numbers, although the University plans to make every effort to attract them. It is thought likely that the link between student numbers and the UGC grant will be introduced, with a penalty for shortfall, but no compensation for overspill. Whether the University would be able to find another source of resources would be considered, the University was under legal and moral obligation to retain its property and artistic treasures.

Sandy Murray

The Flaming End

Two University departments may be at risk as Government cut-backs tighten the University budget.

In the University's annual report the Department of Fire Safety Engineering and the specialist courses in Tropical Veterinary Medicine were named as potential victims of the future cuts.

The Department of Fire Safety Engineering, was set up in 1973 on an experimental basis to examine the processes of fire and safety methods. It was originally thought such a course would attract sufficient interest from industry and commerce to cover running costs. However, the money provided by contracts and other funds has not proved sufficient to maintain the Department and unless money is forthcoming the future of the Fire Safety Engineering Department will be in jeopardy.

The unique courses in tropical veterinary medicine at Edinburgh have worldwide standing and attract postgraduates from many Third World countries. Besides being a teaching unit this specialist department of the Veterinary Medicine School carries out research. This field of study will not be affected by the cuts. It is a different matter, however, for the teaching unit following the ODA's (Overseas Development Agency) decision to withdraw its contribution to the teaching fund — approximately £100,000. The University then decided to take emergency action to keep the course going for this academic year and made available a sum of money for this purpose. The fees for the course were raised to between £5,000-£6,000 and the department hopes will still be able to attract students even with those fee increases.

Vicky Taylor

KING'S BUILDING UNION ANNUAL BALI AT THE UNION FRIDAY, 6th FEBRUARY 1981 7.30 p.m. for 8.00 p.m. 0.00 a.m.

One to lack of support the Kings Buildings Union Annual Ball has been called off. Out of the two hundred tickets sold, only 25 have been sold so far. One week before the event last year over one hundred had been sold, so this year's sale shows a considerable decline in support. Committee Houseman said "Alternatives such as cutting prices were considered or alterations in the nature of the ball, but these were rejected as unsuitable."
The Scottish Convention for Peace and Disarmament, held in the Usher Hall last Saturday, proved to be a tremendous success. A large audience of two and a half thousand packed into the Leith Walk venue to hear the views of some of the most prominent figures in the peace movement in this country, peace campaigners who span three of four decades.

During the course of the convention, which lasted nearly four hours, the platform was occupied by a variety of speakers, including academics, trade unionists, militarists, MPs, and journalists. Student leader Jeff Freeman was among those who spoke, and did so with such passion and conviction as campaign veteran Lord Fenner Brockway and Lord Philip Noel-Baker with whom she share the platform.

A normally quiet, almost lifeless chamber on many occasions, the Usher Hall became a lively platform for debate in the presence of Saturday’s enthusiastic and concerned audience. As the platform went on, the air started to buzz with a feeling of hope and it was clear to most of the audience that this time the campaigners for peace would overcome the seemingly insuperable odds posed by the folly of men and their governments.

“Will we not be the collateral damage in their nuclear war.”

“...What kind of language is it that can even contemplate using nuclear weapons progress....One way we are going to survive nuclear war is by preventing nuclear war. And the only way of preventing nuclear war is by disarming...Let's hope that the root of this convention will be the start of a mass campaign which will sweep Scotland and in which the many who want progress through the few who want war...we will not be the collateral damage in some limited nuclear war.”

The speakers from right to left: Duncan Campbell, Jeanette Lindsay, Lord Brockway, Jeanne Freeman, Malcolm Mc Donald, Robin Cook (standing), Lord Noel-Baker, Father Ross.
Hail To Thee Bittersweet Charity

Dundon Campbell, arguably Britain's best investigative journalist at the moment, is known for his role in the New Statesman and Time Out against the Government's current defence policy. He recently started a new campaign called "The Defence Force at War" in which they revealed that last year only £2.70 in each £5.00 went on cutting expenses and admitted that the matter. Dundee University's SRC has rejected the question which Lord Baker's proposal posed, who should take the lead in demilitarisation, and on the issue of demilitarisation that the programme will involve a grand rundown of military power over a number of years. Lord Philip Noel-Baker said that the British Conservatives are not interested in promoting disarmament efforts, but we have seen an increase in the House of Commons, and passed immediately into the committee stages. Support for the Bill comes from donors who believe that this country has no obligation to constitute our Empire, who may have fought for Britain during the last 200,000 people might need in10 years. The party in a variety of ways. Suggestions include a lottery with a range of prizes (up to a star prize) a raffle, a tennis auction, possibly a game carnival, a "beatnic" tennis auction, probably around, and a "beef" tennis auction. However, to realistically achieve these targets, the organizers of the FUSCA have urged people to buy lottery tickets, and the Directors of the organisation have confidence that they could put a substantial amount of money into the project. Simultaneously, there is likely to be a commercial sponsorship which would be required, letters are being sent nationally to inquire as to whether there are any available or interested sponsors, despite the obviously difficult economic circumstances. If so, you or your associates or even your contacts in the world of high finance would be contacted in helping to fund the trip, the benefits may be quite tempting. A trade magazine will be published advertising our sponsors and giving details of the tour. Provisionally 3,000 copies will be produced ensuring a wide circulation. The number to ring for further information concerning the trip of April 23 to 342. The club was unable to give a specific time to when the tour will take place due to a lack of enthusiasm and organisation. Hopefully with a little more organisation and work by confirmation can be sent.

News in Brief

Springsteen Sell Out

Tickets for the Bruce Springsteen concert at the Palace on March 5th were on sale. The tickets were to be on sale at 9a.m. but by 10.30 the box office was closed and sold out. The club office, located at the University of Dublin, was closed and out of business. A number of people expressed interest in attending the concert, but ultimately were unable to do so due to the high demand and limited availability of tickets. Some alternatives were also suggested, such as attending other concerts by similar artists, but many were disappointed and vowed to try again in the future.
When the time comes for the students at this University now to look back upon their days here, it ought to be to look back upon a life over ever increasing financial restraint.

I doubt very much whether it will. The personal wealth of most students seems to show very little sign of decreasing. More and more, like the rest of the country, they are able to afford more and more. Their personal standard of living continues to rise. The University does not to the casual observer seem to be suffering. All around us we see visible signs of its expansion. The new medical buildings, the new Dentists' block and the refurbished Societies Centre at the Pleasance are all examples of yesterday’s confident expansion which have filtered through to the eighties. And yet these appearances can be deceptive.

We all know that unemployment is worse now than at any other period since the war. We also know that Universities around the country are facing a serious financial crisis. However, neither fact seems to have made the sort of impression on our every day lives it might have been expected to. When we read that the Fire Safety Engineering Department faces the threat of closure, the first reaction is to wonder that we ever had such an exotic department.

Compared with the total number of departments and faculties that make up the University, the loss of one department, even if it should come to that, may not sound all that alarming. But, it is precisely the seemingly little elements of the University which will matter most to us, when we look to institute together. The fine work done by the Fire Safety Engineering Department, said to be unique in Europe, is of immense importance both in the work it does and in its contribution to the University.

Individual jobs and positions are also at stake and are just as important to the fabric of the University. Every redundancy point and every effect the viability and the future of the University. Slowly the University will change, and it would be a brave man who would say it will be for the better, as it suffers the constant running down of its resources.

It is too easy, wrapped up in the daily happenings of the University, to let the 'cuts' pass unnoticed. There may be nothing we can do but be a witness to, and them, and changes, and to fight against, if we can, the ongoing process of ongoing reduction of the University.

Some interesting events have been taking place recently at this University. At senior level, Heriot-Watt students upheld a decision of a General meeting agreed to disaffiliate from the National Union of Students. This means that only Strathclyde, Stirling and Aberdeen remain in NUS in Scotland. There are also rumblings from some English Universities that they may also follow suit. Edinburgh University students voted in three successive referenda, the last in 1979, to withdraw from, and remain out of, NUS. The reasons given were the same as those which lead to dissatisfaction amongst affiliated Unions at present. The cost of affiliation to NUS is enormous (it would cost Edinburgh University some £35,000 this year), and the political complexion of the NUS is often felt to be unrepresentative of students generally — of the 18 members of the National Executive, 13 are Trotskyans or members of the Left Alliance.

At the same time many of us believe that NUS have handled the important issues affecting students in recent years very badly. Their acquiescence in the proposed changes in the funding of Student Unions, which have now been given effect to, and which will lead to the loss of much financial autonomy for student unions, was nothing short of appalling. It is a great sadness that the National Union should be seen in such a poor light by so many, but there is little that we can do about it. It is far better served by having a national body representing them property in issues affecting them, and supporting their aims.

It is very likely that we will soon see the first practicing students being elected to the University, and this is inevitable amongst the best off in the future. Students must be elected to the National Council for the University, and national representation (although informal contacts are strong) has been impossible for some years.

Unfortunately, as many Unions have already discovered, this dimension is not found in the National Union of Students.

John Sturrock
**Sports Shorts**

Congratulations to Alan Sumner of Scottish Volleyball for his efforts in bringing the sport to the public. The match between Edinburgh University and Taynuilt was a great spectacle, with the former winning 3-0. Congratulations to the University team who have continued their winning streak, and to the referees who ensured the match was played fairly.

**Volleyball fun and dirty puns**

**Smegma come to the fore**

**Phil Allen**

Last Sunday, at Dunfermline College, the Scots Lions team got to grips with each other in an Inter-Mural Tournament. A few of the players took the opportunity to socialize in the hotel bar following the game.
Freedom of Information—"The Right to Know" by Duncan MacLean

There is a movement in the Western democracies today which, in the eyes of many, is as great an importance as the advent of the printing press. The wide availability of books that the printers of the middle ages helped to create, brought knowledge of the population. Today there is demand for knowledge not just of the past, but of the present. The death of a political leader, the trial of a public man, the sale of a national asset, the fate of the country, all these decisions that so affect all our lives. This demand for the right of the individual citizen to have access to information once considered the "property" of Government was answered in the United States in 1966 when a Freedom of Information Act was introduced.

Now there is a FOI bill under discussion in Australia and the Canadian Liberal Government introduced a FOI and Privacy Bill in July 1979. In Britain, "Freedom of Information" almost became law in April 1979 a bill drafted by the Outer Circle Policy Unit was presented by Clement Freud as a Private Member's Bill. But the winter of discontent which brought down the Callaghan Government also brought disappointment to FOI supporters with the fall of the Labour Government the bill lapsed as it was poised for its third reading.

Truth—a life saver

Despite this setback, there is a feeling that FOI advocates in Britain that Freedom of Information knowledge will be used to the benefit of the citizen. "Right to Know" must become the means to that end.

How would an FOI Act affect the public? Freedom of Information will not expose the citi en to personal risk. In industrial areas, for example, Government reports on the side effects of materials used in manufacturing processes should be available and would probably be in widespread. Had the Factory Inspector's report on a certain asbestos factory been available, dangerous factors would have been known about and could have been isolated, and arsensicals which caused the death of several workers could have been prevented. In areas nuclear power station there would be considerable interest no doubt in reports of inspections and certainly of accidents, which through FOI should be available to the public. There would be a universal demand for Government reports on the safety of cars available on the British market. Strangely enough, all reports on asbestos are not available in Britain at the present time the United States citizen under US FOI law can obtain them. FOI legislation might have been instrumental in saving a woman who suffered permanent paralysis when the rear wheel flew off her newly purchased car at high speed. The Department of Transport and the manufacturer had known that there had been a series of similar accidents but withheld the information. Under "FOI", which "car reports which can be obtained in most British libraries, could include details of Government safety tests.

Watergate teaches West

What would be the benefits of FOI viewed more broadly? It is doubtful, had there been FOI whether even a small part of the £200 million squandered in the Crown Agents affair would have been lost, and certainly the expenditure of "Concorde", would have been far more closely monitored.

Probably the most notorious example of FOI gone wrong is the Watergate affair which demonstrates why Government must be kept open to Watergate. The disclosures that shocked the people of the "United Kingdom" was another powerful lesson to other Western democracies. Certainly the lesson was not lost in Britain. In 1975 an All Party Committee for Freedom of Information was formed by Arthur Lewis, MP for Newham North West. At an early stage of the FOI information kept on file is often unnecessary. The debate on the American and proposed Canadian laws in full along with the full text of the Freud Bill. I believe I have spoken to feel that Freedom of Information legislation will be used to the benefit of the public to participate more and take a more active part in their lives. Our librarian quoted Abraham Lincoln who said, "The people, if given the truth, can be depended upon to meet any national crisis. The great point is to bring them the real facts." With Freedom of Information legislation we will be able to bring to the public a greater depth of "real facts".

Hand to Student Offices, 1 Buccleuch Place, not later than Monday, 9th February.

Valentine Message

Next week's Student coincides with St Valentine's Day. We should like to publish a personal column of messages to your loved ones.

For this we ask that you pay two pence for each word. Your money will go to the Year of the Disabled charity. Keep your messages, touching, outrageous or whatever, to EUSPB, 1 Buccleuch Place, together with your money.

Valentine Message

Send your entries to us by the 13th of February.

Competitions

Make February 14th a special night. Send us your prose, poetry, algebraic notation etc. on the subject of love by Monday, 9th February and you could win a night out at Buster Brown's.
This week we look at the variety of fashion and youth culture that exists in Edinburgh which enlivens a city that is not known for youthful exuberance and the bright colour that goes with it.

Edinburgh has become both a musical centre and a social centre for various groups that now belong to one of the more stimulating British cities.

In an article in *The Sunday Times* we were told that we take no notice of Paris fashion, and it proceeded to tell us we're coming in a big way; bowler hats, velvet Europe. The proof—photo—the worst casually dressed race in extravagant youth culture in the world.

The '50s were spent buying mostly of them, the strange, strange Robin Bikers (part 2) and yes the latest of all Dylans), Punks, Post Modernists. Rockers, Mods. Hells Angels, the Damned infestedrixicans but1, Damned infestedrixicans but also the celebrated Edinburgh Wine with various groups and their knowledge of any local progression; the Dead Kennedys, Radiation and Shag Cats have a better following here. 

13-year-old skankers

This brings us to Edinburgh where music forms an essential part of many young people's lives. Next to the Phoenix record shop in a space the fifties and the sixties were chasing the lonely Mod an old lady confided with me that they must be coldly friendly. The other Skins tried to calm down their friend and plead his case which led to an arrest. The efficient control of the Nite Club, however, contrasts with the other facilities of businesses working at the Odens in Edinburgh and the Capetown Glasgow, which can only incite and give a bad name to Punks and Skins. The Biker or Hell's Angel is an institution all over Britain and one I approached was both recantent and aggressive but like everyone else became friendly when I talked about things he liked. He essentially liked the rock on two wheels and the hard drinking with friends that goes with it. He and his friends were thirty, and forty, showing that youth culture is not lost in later life. While with the only CAFE's heavy budgets he just replied that "It's part of the thing."

In contrast with the Bikers are what are known as the Tillywall crowd-thick bright trousers, jock jackets and hair that is always cut above the ears the man I interviewed did not really identify himself with any sort of group but he admitted he did what was fashionable. His rock new recorded Claude's, Charlie Parker's and Buster Brown's. One of the funniest interviews I made was with a John Cooper Clark look-a-like accompanied by a female Bowie. Heavy make-up, expensive clothes and slate coloured glasses were the order of the day. But the贝 tried to carry off this ubiquitous thing they were chased normally by the children for fashion reasons. But I am having trouble getting his name. The Germans now for the first time are a fashionable race, but more way of life and I can't find a job. Being a punk for him was "a way out" and the only interest was from ignorance, a couple of punkettes took off. tee-shirts were taken off if they are continuously moved on the machines to gabble about the merits of ska, the M ohicans, a rather violent and aggressive lot. did not have jobs and the Mohicans, a previous 73-year-old, he just replied, "It's part of the thing." One was a motor mechanic and the other was a civil servant!

The Hun is a punk

Dressing in order to be different is a major preoccupation of many of them. The Hun is a punk, an American American and records and enunciating American fashion, then suddenly it began. British youth culture was born. During the late sixties, the golden age of rock 'n' roll, and the early sixties, the Edinburgh Union came in by a big way; bowler hat, velvet collars on overcoats, the quintessential city look. The working class replied with a hybrid of the Edwardian and American rock and roll: the Teddy boy, "Teddy" meaning of course Edward.

The British youth cultures are cultures rather than groups or gangs because they are more a way of life and nidly always linked with one sort of music. It is this interest in music that is incredible and probably explains why Britain has been the centre of rock and roll music since the mid-sixties. After the '60s on rolled the Rockers, Mods, Hells Angels, the Skins (part 1), the H puddles, Bowie Franks, the Bay City Nurses, the mid-sixties BBBS (Boring Bob Dylan), Psykes, Post Modernists, Mohicans, Heavy Metal, Mod, Skins, Bikers (part 2) and yes the latest of all of them, the strange, strange Robin hoods. The New Romantics.
The new faces of Edinburgh: from James Fenimore Cooper (bottom left) to David Bowie (top right).
SOCIABLE CREATURES

aren't they?

A revealing look at animal sociality, by Calum Henderson

Next time you are bemoaning the continental rifts between social classes, spare a thought for the termite. The termite termite seems to inhabit a different species.

Division of labour has led to the soldiers being completely dependent on the workers for food. When a soldier is cut in half, it will crawl out of the abdomen or head of a worker with its antennae. How is this possible? It appears that the soldier does not see, even though surrounded with food, will kill every ant who tries to feed it.

An extreme interesting phenomena associated with the termite termite, known as the termite, is the ability of the termites to kill their own kind at more or less constant proportions. If, for example, a large number of soldiers are killed in a fight, it seems about to become workers will change their character.

Jungle and termite things

It is not just insect workers and soldiers who are divided into "classes". At first sight, the similarity between them and humans would seem pretty remote. But the likeness might be complete with a termite worker, for it finds and catches food. The males, on the other hand, are responsible for the defence of the territory, rarely doing any hunting.

In the same way that a termite colony would soon be overcome if there were not some degree of organisation in its caste system, human organisations are shaped by the need for control and for cooperation. The termite, like the human, is a social animal.

Up to 90 per cent of the lion cubs may die of starvation during the dry season, while the adults are almost fed to death. For the good of the pride, the adults must be well fed to protect the territory and hunt, whereas the cubs are expendable.

A dog's world?

A completely different method of social organisation is exemplified by the African hunting dogs. Both species hunt together, leaving one or two females, and sometimes one or two males, to guard the pups. When the pack returns, the pups make their way into those of the adults, who respond by grabbing the pups by a half-chewed meat, which the pups immediately gobble down. This ritual, which seems to be part of a predatory instinct, is seen in many social insects.

The Science Studies unit provides insight into scientific society and the activity of scientists, by Michael Pakulak.

Contemporary, technological society suffers from fragmentation. Things fall apart. The centre cannot hold. Specialisation threatens to make everyone irrelevant. And the enduring, true clique that scientists belong to, the scientific community, is becoming fragmented via the computer. It is too apathetic to feed itself.

An extreme interesting phenomena associated with the termite termite, known as the termite, is the ability of the termites to kill their own kind at more or less constant proportions. If, for example, a large number of soldiers are killed in a fight, it seems about to become workers will change their character.

The typical University's departmentalisation mirrors this fragmentation at-large, and Edinburgh's more than most. King's Buildings are a good hike from George Square, and the average arts student is as likely to wander there as to Braid Hills. This bifurcation of arts and sciences is more than physical, perhaps perpetuating such myths as the distinction between fact and value, analysis and art, profundity and technical competence.

Formidable problems loom beyond the horizon of graduation, which this fragmentation will surely exacerbate. What do you know about recombinant DNA! Should "destined"? Pure research into gene-splicing will be pursued, just as Ouspenskios revolutionised discovered "truth", no matter what the cost? What facts underpin the psychological of the nuclear physics controversy? Is a citizen in a democracy even qualified to voice his opinion to a government which is so immersed in complex, technical problems, the precise nature of which are hidden from the layman? And how should scientific programmes be managed when one considers that a "career" pursued by one billion of our brothers and sisters is marginal starvation? Fractured man in fractured society, when he manages to grope past his own personal problems and dreams, cannot answer such questions.

Interdisciplinary man

In the early 1960s, the biologist C. H. Waddington and Michael Swann, Dean of Sciences at Edinburgh, seeing the growing number of scientists relating science and society, concluded that the traditional university science education could do with some adjustment. The young scientist, thoroughly trained in his specialty, was simply unprepared to deal creatively with such problems. Although Waddington founded a compulsory first-year course for science students, which would cover all important issues in world affairs, it was decided to create an interdisciplinary department, called the Science Studies Unit, Dr David Edge, a radio astronomer then working with the BBC, was asked to be its Director. He was commissioned to choose a team of three: a philosopher, an historian, and a sociologist. The goal of the newly created Unit, which began operation on 1 March 1966, was "to focus attention, by teaching and research, on those areas where scientific activities overlap with more general concerns of human society".

Where abstract meets particular

Fifteen years later, located at 3 Buccleuch Place, behind a dingy doorway opening on a grey-stone street runs like one hundred others in the George Square area, the Science Studies Unit is thriving and thriving. Currently there are doctoral students collaborate with the interdisciplinary team. The activity of the Unit remains twofold: research and teaching. Indeed, these complement each other, for the innovative research of the Unit is its unique track reaching approach.

The research goal of the Unit is to explain scientifically the beliefs (that is, theories) to which scientists hold, by showing how scientific beliefs have both cultural and scientific functions.

To do this, they employ the careful, painstaking methods of the historian, as well as the methodological approach of the sociologist and philosopher.

The conclusions reached by the Unit are that the study of science profounder by philosophers and defined by learners.

The doctoral dissertations that have been submitted to the Unit exemplify theory in which the Unit intervenes theory with practicality. Graduates admitted to the Unit, as a rule, have studied a natural science at university. They are thus acquainted with scientific language, and perhaps still hold an idealised or naive conception of Scientific Truth. Through discussions and seminars with the faculty, the student will work out various philosophical, sociological and historical theories in the context of his scientific discipline.

"All our teaching," remarks Director Edge, "evolves on the genuine, that is, our debates about sciences have a theoretical core. In this way theoretical analysis is used to make sense of contemporary issues."

Worldly success

The Unit has pioneered a distinctive approach to the study of science, raising it an international reputation. Dr David Edge, the Unit's philosopher, Mr Barry Barnes, the sociologist, and Dr Steve Shapiro, the historian, are known among scholars worldwide as the "Edinburgh School". Working together, this trio has forged a new theoretical approach to science studies, drawing heavily on the sociologist Marx. Traditionall, sociologists have distinguished between "hard science", like physics, and "soft science", such as economics, arguing that social factors and interests shape the theories of soft but not hard science. However, the Edinburgh School puts forward convincing arguments to support their claim that even the hard sciences have a social function, and that they are shaped and maintained by social interests. The viewpoint is presented in provocative publications of the Unit such as Science and Society (1967), The Social Theory of Science (1970), and Science, Knowledge and Social Imagery (1970).

What's in it for me?

Four hall-courses for undergraduates at the Science Studies Unit, each covering a wide variety of topics. The courses open to both arts and science students. The following ing list of topics is called from the Unit's descriptions of the four courses: "the role of dogs and assumption in science", "the rationality and objectivity of science", "science as a social phenomenon", and "the Military-Industrial Complex". Both of these courses are known among students as "hands-on", "detergent", "Social Newtonianism".

"We are something of a leader in teaching science and society to the undergraduates, a lot of people who come into us, in terms of content, aim, and selection of materials. A course like ours which is so inventive, so often there are no textbooks, and the bibliographies have been published internationally."

What can the undergraduate who takes one of these courses expect? The Unit avers that, in many cases, one can come away from the course with a dramatically changed notion of science and its social function. It promises that many recipients of the course are challenged, or at least enriched. In any case, the student can count on his or her expertise being subject to a critical examination, which is, in a way, an upheaval to prepare him for the real world.

Guide to the perplexed

The Faculty is truly exciting company, the offerings of the Unit, and in a somewhat controversial way. The science studies Unit remains little known upon campus, and is often considered a "hobbyhorse" by this. Here is a group of people who are interested in the most interesting material about the relationship between science and society, and who are working on contemporary problems and debates, and who are working towards a better understanding of science and society. They are often not seen as being under a critical examination, which is, in a way, an upheaval to prepare him for the real world.

Any contributions for this page should be placed in the "Student" tray at 3 Buccleuch Place.
Have YOU got the Blood and Guts to say this?
(The reward will be worth the struggles)

I WILL!

...AND PERHAPS EACH OF THEM CATCHES A GLIMPSE OF WHAT THEY MIGHT BE, WERE THEY EVER THEMSELVES FULLY UNBOUND...

WANTED

1 Editor for Student
(Last issue this term plus 5 issues next.
Closing date: Feb. 17th.)

1 Editor for Festival Times
(Closing date: Midday, Feb. 20th)

1 Photographic Editor for EUSPB

IF YOU THINK YOU FIT THE BILL
Apply to: EUSPB, 1 Buccleuch Place
Mankind
Bedlam
Jamie Donald

Not being well versed in morality plays, I wouldn't like to recommend one to those who are. But for those who know no more about them than that they are older than Shakespeare, then I can say that Jon Pope's mankind is truly special. Special because this type of play has rarely been performed in the lifetime of EUTIC, special because it is handled in a way you are unlikely to forget, and special because you could never leave the Bedlam thinking "how nice, so that was theatre of the 15th century.'

Once the plaintive siren, pure white with an ontological quality, urges Mankind, described for us in the programme as the apocryphal everybody person. An innocent abdomen, he falls foul of the vices New Guinean, Nowadays and Nought, who pollute, corrupt and generally against him with those depths of depravity we all know and love so well. Architect of this dreadful transformation is Titivillus, who later returns, for reasons which escape me, as mercy, and restores Mankind to a suitably pristine, but winter state.

Don't, however, let this brief description put you off, for the acting and direction of this play is fine enough to dispel any thoughts that we are being preached to. Peter Granger Taylor as Mankind reacts until such well-judged subtleties in his expressions that I for one would be happy to be included among the many by it is intended to represent. Chris Marshall as Mischief self-confidently sinks through a role that is particularly difficult, Ian Blockie masterminds Mankind's downfall and redemption with enviable ease, and while I hadn't realised that size involved so much screwing and deflation, New Guinean, Nowadays, and Nought are excellent.

Jon Pope's direction reveals an understanding of plays and morality so often associated with students, and I hope his reward is not only bums on seats, but heads in turmoil.

Thru'penny Bits
Bedlam
All

If you like good one-liners then go and see Thru'penny Bits; it's full of them. They emerge from between sketches of amazingly ranging quality and mood. Some, for example, the "This is your life!" sketch with a perfect take off of Eamonn Andrews (Frank Drea) are funny and well-acted. The "????" sketch — see it for yourself, I'm developing no more! — is technically perfect and had the audience roaring in the aisles as did the confrontation between Red Riding Hood (Joe Miller) and a "????" These are typical venue sketches, good — but not too clean-fun.

Others in contrast are very different in tone — Black humour, verging on what some might regard as bad taste, make the laughter more uneasy. Yet this is certainly not a bad thing — it adds a bit of bit to a genre in which it is all too easy to pray for complacent giggles.

I could mention more than I enjoyed. There were, however some sketches which were derivative in comprehensible or just not funny. Luckily the fact that most are short, allows them to be more easily forgotten. This venue also suffered from the same problem as previous EUTIC revues — they don't end with a punch, they just tail off, there's a bad black-out and everyone looks at each other and they shuffle off nervously, more confidence and precision would benefit the whole show. Perhaps it is a little unfair to say this, since I said the little unfair to say this, since I the dress rehearsal with an "audience of ten. What all revues need, the trio included, is a large, noisy audience — see you there.

City snaps

Bevan Davies
Stills Gallery
Sophia Hutchings

During February, the Stills Gallery, 5th the High Street is exhibiting the work of a New York photographer, Bevan Davies. Arriving early at the preview had the opportunity to talk to Mr Davies about his photography; he uses a large and old-fashioned type of camera which produces plates of grea1 sharpness and clarity. The only disadvantage of the camera is its bulk, though Bevan Davies is working within the photographic tradition at its most American.

The photographs are solely architectural, moody and crumrine which caught the camera eye. Each one was pleasing to look at, in particular a picture of columns at the State Building in Washington which captured the coolness and texture of the marble. However a series of black and white photographs of public buildings and institutions in Edinburgh, Glasgow, New York and Baltimore deserved all the praise. Movement can be somewhat wearying to the eye. But as one fellow photographic critic, who had managed to extract a year grant from the Scottish Arts Council to take pictures of Edinburgh audiences to set against the composer's score. Disconcerting at first, the present SNO "Bartok Series" is making no attempt to step outside the well-trusted repertoire, but it was still pleasing to see a large audience at the Usher Hall on Friday night to hear the Piano Concerto Nos 2 and 3.

Ashkenazy plays

Vladimir Ashkenazy, pianist in both concerts, obviously accredited for part of that attraction, but I can only assume that performances of this calibre won't fail to persuade am one of those who were more as observers. Ashkenazy's playing was enjoyed by all and one all could expect, but the slow movement of No. 2 was no such illustration of his technique, the reflective first entry was perfectly matched to the orchestral sentence, the second followed by a scherzo which brought a breath of fresh air.

Occasionally, the piano was overpowered by the orchestra, perhaps due to question of acoustics or any of the components involved. Disconcerting at first, the present SNO "Bartok Series" is making no attempt to step outside the well-trusted repertoire, but it was still pleasing to see a large audience at the Usher Hall on Friday night to hear the Piano Concerto Nos 2 and 3.

Poor Arts

SAC tightens up
AliceHopkins

The Scottish Arts Council grant for the following financial year will be over £9.5 million; an increase of 1.9% over last year, but actually a fall in real terms.

The Chairman, Gerald Elliot welcomes the partnership between SAC and local government, but regrets that the value of local authority support for the arts has been rapidly declining. Without an increase in some form its income SAC can no longer adequately support the wide range of arts organisations currently receiving public funds, and will have to be more selective.

Out of all the categories of arts supported, opera and dance receive the highest proportion of both their income and that of the SAC. In 1980/81 opera and dance companies in Scotland received over £20 million; next year they will receive nearly £3 million. The SNO/Barber will receive an above-average increase because they have exhausted their capital reserves, despite careful financial control.

More money has also been recommended for the smaller arts organisations, which have not received the same level of support as the larger arts organisations. One of the most encouraging developments in the arts world is the increasing number of small festivals throughout Scotland, making local and regional art more widely available.

We will shortly be covering some of the most interesting spectacles in the St Andrews Festival, so tune just one of them!
Alexander Korda holds an almost defied place in the hierarchy of these responsible for the greatness of the British film industry. In fact, including Winston Churchill, the Private Life of Henry the Eighth, biography of the Korda clan by his nephew Michael. It is a fascinating insight into the private lives of some very public people and with the Korda production, it has a star line-up including Winston Churchill. Guinness, Charlie, Melvyn, Vivien Leigh and virtually anyone who was someone in the British society that Korda inhabited.

Not To Be Knocked
Knocked
George Square
Theatre
David Black

On Friday night the Edinburgh University Christian Union showed that the Gospel message can be spread through keyboard rather than as a solo artist. His style reminded some of Billy Joel who had attempted suicide which the play was based, if anything it swamped the Gospel passages on which the play was based, for anything it was a given platform from which they could be effectively put across. The use of music, especially the classical music of the "circle of life" whilst a solitary spotlight figure told of the facility of "normal" life, was one of the evening's more enjoyable moments. All the cast played their parts very well, putting a great deal of effort into what was only a single night performance which is a pity, because some of the subtle nuances of the performances were missed by the audience and had they been able to see again, as many would like to, then they might have appreciated it more.

Above all else the message of the need for Christ and the change He can work in a life once we have answered his knock came across very powerfully in each scene. The finale with Mary singing her acceptance of Christ into her life with the whole of the cast joining her, contrasted beautifully with her earlier rejected pleading for a reason for life in the opening scene. In this respect, the evening was a charming piece of Americana given of the Harry Callahan films. It was a thoroughly enjoyable evening for both Christian and non-Christian alike and if the almost full house audience was a bit subdued in their applause then perhaps it was more due to the fact that they were being forced to think of what was being said and sung.

Students' Arts Council

This Is War
The Big Red One
Alex Cannet

After an absence of 20 years, cult director Sam Fuller decided that an updated version of his 1970 cult classic was what our screens lacked.

The Big Red One: 'The Big Red One' suggest that this could be the definitive 'Vietnam' war movie. These moments are superbly effective, capturing the relieved embroiling of the Victory French and the first infantry regiment of the United States, the Big Red One of the title. Yet the film ultimately disappoints despite the searching of a shot-in-the-arm, the liberation of a Czech and some powerful, fully shot battle sequences.

The history, the music, the direction which never allows us to get caught up in the details, the Korda touch, which remain just that and never get in the way. Michael Korda saw the screen. The flawless performance of the actors. The screenplay. The non-stop action. The whole thing.

Is the Big Red One a hit or miss affair which is generally inconsequental.

Art or exploitation? Judge for yourself.
Upstairs

Orange Juice and Aztec Camera made the Nite Club the place to be seen on Saturday. Graham Henderson reports:

Another Postcard package, another look at pop according to Alan Horne. The newest signing, Aztec Camera, take their first tentative Edinburgh steps supporting relative veterans Orange Juice. It's a hot night up at the hip Nite Club. Who goes for the music these days? Orange Juice, as Henderson reports:

Who goes for the music these days? Aztec Camera. Three guys with a 'soul' sound with the Sex Pistols, with a touch of the totally unknown quantity "Felicity", their next free cassette track which they have with the Sex Pistols, with a touch of the totally unknown quantity "Felicity", their next free cassette track "Heartbreak Hotel" vocals, and it could be that they should have been much better. Orange Juice are good, but they do need an 'axeman' with UFO don't need Schenker the 'Venker. But, sod it. I can't enjoy this concert can't from .....

Downstairs

UFO packed the Playhouse on Saturday, and Colin Macilwan took his head along for a bang

UFO have retained credibility. They have not been seen to woo America. They have not taken out of their way to produce a hit single. They have not employed idiotic dummies to replace departed members. In the HMV/HMV rack basket, these guys are good eggs.

In this frame of mind I enter the ornate arched doors of the Playhouse, just in time to miss support act Flat, whom I'm told went down like the Dead Kennedys at a Democratic Party convention. I'm not being discerning as it could be, but it still wouldn't tolerate Flat's brand of moronic rock for long.

Twenty minutes standing and foot-stomping precede UFO's entry, as the management gently tease the kids into an appropriate state of excitement. The distant whiff of something illegal rolling along the back, and over that the add the voice that is Aztec Camera. The songs revolve round crooning, soulful vocals, sounding like a jazz singer in released mood. This band have more in common with Love and Tim Buckley than they have with the Sex Pistols, but that doesn't make them sound out of date. Just different.

ACR +

More free tickets for ya!!

Wow!! This Sunday at Valentine's, Josef K and a Certain Ratio co-headline with the added attraction of another legendary Valentine's video show - this time with祐is, Bowler, Bolan and so much more!!

Josef K & A Certain Ratio free!

Josef K and A Certain Ratio are going to record a video show this Friday. Which leading brand of Scotch whisky would you associate with

Josef K? The answer will be revealed at 5pm tonight.

Answer me these questions three:

(1) Who are A Certain Ratio's record label?
(2) Which disco queen have A Certain Ratio just recorded a video show with?
(3) Which leading brand of Scotch whisky would you associate with A Certain Ratio? The answer will be revealed at 5pm tonight.

The Delinquent, with commemorative tickets, are going to be the first to hand out their own video show. If you want to see the band, you'll have to come to the Nite Club. And the only reason to go to the Nite Club is to miss the support act.

One of your eager reporters, arriving too late to be allowed into Orange Juice on Saturday, was not impressed. "No entertainment, courtesy of a fascist 'skithed' whose love for the NC was so great he came in with a tobacco. I can't enjoy this concert can't."

The Delinquent, with commemorative tickets, are going to be the first to hand out their own video show. If you want to see the band, you'll have to come to the Nite Club. And the only reason to go to the Nite Club is to miss the support act. I'm told - I didn't believe it. Whose cares if we spend a night in the cold? The Delinquent, with commemorative tickets, are going to be the first to hand out their own video show. If you want to see the band, you'll have to come to the Nite Club. And the only reason to go to the Nite Club is to miss the support act.

Gigs of 'tweek

We can't single out any one gig this week, what with The Passions and Scotland's top three bands all performing! Try to catch what you can from .

The Freeze at Clouds tonight (Thursday) - they are simply the best live band in the land.

The Passions on the Nite Club on Friday, who are simply the best live band in the land.

The Exploited, at the NC on Saturday, who are simply the best live band in the land.

Reality Asylum asked the bloke at the very front of the Springsteen queue who he was waiting for, "Are you going to see The Exploited or Reality Asylum?" The answer is, "Both!"

Our intrepid hiphoph, who had been sitting on the Playhouse steps for 56 hours (sic), agreed we had a point. "I actually prefer Costello," he confided.

"The View from the Queue"

Seven-thirty a.m. on a cold, bitter morning and I'm sitting on concrete steps by the Playhouse. The doors open at 7.30 p.m., and I'm a fan who's prepared to suffer for my art. In 27 hours I'll gain my passport to visit the new Messiah - the future of rock and roll.

The day drags, punctuated by visits to the warmth and toilets of a local pub. I'm arriving too late to be allowed into Orange Juice on Saturday, was not impressed. "No entertainment, courtesy of a fascist 'skithed' whose love for the NC was so great he came in with a tobacco. I can't enjoy this concert can't."

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### Careers Column

**The Careers Advisory Service looks at the ‘Penultimate Year’**

Alice felt herself growing taller and taller while the room grew smaller and smaller. Noticing a small door in the corner, she managed to squeeze through. Beyond was a small wall where two curtains, looking suspiciously like playing cards, were playing croquet using as mallets upside down Bowls, one called ‘private sector’ the other ‘public sector’.

“I thought Bowls was extirpated,” said Alice. “That is possible,” said the Mad Hatter. “Off with their heads!” she called. Sketched the Queen of Hearts. “Soon there will be no one at all,” murmured Alice. “You imposture gift,” said the Queen, “you are in a privileged position.”

The penultimate year student may be forgiven for currently viewing the career prospect some 20 months ahead as having dream like unreality, an unpleasant dream at that. The graduate, despite continuing in a privileged position in the job market, faces a much tougher time. How should the student respond?

The positive response is to prepare oneself that little bit more thoroughly and to start this preparation a little earlier than might otherwise be necessary. The negative, and potentially disastrous, response is to close one’s eyes and hope that the whole nasty dream will go away.

The Careers Advisory Service is taking particular steps this year to identify and treat the needs of penultimate year students. Those of you who have occasion to visit the Matriculation Office will have received our letter inviting you to make only acquaintance with our facilities. Mention is also made of an introductory pack which is available to all penultimate year students (and second year language students) from our offices at 33 Buccleuch Place or the KB Union (first floor) from Monday 9th February onwards.

This pack will enable you to take a typical calendar of steps in the careers search and to ensure that you do not miss crucial datelines (some of which are very early) with respect to your particular aspirations. The calendar will also demonstrate that by tackling the matter small step by step, starting in good time, you can avoid the risk of a paralyzing crisis in your final autumn and spring terms.

Beyond this, the pack demonstrates our philosophy that students are best helped by being encouraged to help themselves — a standpoint developed from experience. The material in the pack therefore makes it easy for you to decide just what facilities you wish to use and when, and how to go about the many aspects you can progress for yourself. On the other hand, when specific guidance is requested, it will be forthcoming.

**Reminder:**

Bookings are now being taken at the Careers Offices for the limited number of places on the “Insight into Management” course being run in Ediburgh on 2nd-3rd April, particularly for the benefit of penultimate year students. This is a postgraduate year students. This is a repeat of last year’s outstandingly successful course.

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### Lady Glenda Slagg’s Diary

Well, well, well, well. What a week that has been my little acid dockets! No sooner had I repaired to the musicmaster in search of repair (you’ll excuse my being awkward than I was lassoing of untoward “goings on” in a certain drinks party in T... s ... e Street)

the KB Union (first noor) from

Lady Glenda Slagg’s

have never fought shy of bringing partner) into the tractor home. I hope they do it. There is no truth in the looks at the

brawling

yet know what a Criminologist is or

1 per cent inspiration and 99 per cent perspiration.

---

**THE STUDENT CROSSWORD**

"SPORTING CHANCE"

A thematic puzzle with a pot-pourri of mixed clues — some straight and some cryptic.

ACROSS

8 American 11 involving babes without exception. (9)
9 Packah! sort of 11. (6)
10 It’s tied round a bank note. (4)
11 Orient race given a new formal. (5)
12 What a dentist does when stumped off a no-ball. Then

13 Eric and I adapted canon in classical style. (10)
14 What a dentist does when stumped off a no-ball. Then

15 . . . during this 11 found on the hearthrateting? (7)
17 Laugh disrespectfully. (7)
20 Originally a Red Indian 11. (3)
21 It has its ups and downs in 11. (6)
23 Circumspecteory of 11. (3)
24 Best back in 11. (4)
25 Careers destroyed overnight when 15 is played. (6)
26 Pollaring (8)

DOWN

1 Ship’s entrance (4, 4)
2 George, the legendary Irish 12 car (6)
3 More equitable. (6)
4 Presented Lukes partner from getting into bed. (7)
5 Intimate heart-broken little tune. (8)

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For Sale: Two-volume Webster’s Dictionary; cf, reasonable condition. Apply Jim Campbell, 1 Buccleuch Place or 225 1064.

Casio Calculator with built-in digital watch, good as new. £15 Also Trance Swiss watch — good working order £15, phone (William) 608 8221.

Panely kicked the bucket.


EU New Scotland Country Dance Society urgently require a musician (guitar or keyboard) to play for Scottish Country Dance class on Thursday nights during term 7:30-8:30 pm. For further details phone 506 6224.

FINANCIAL ASSISTANCE NEED ED to launch satirical newspaper (Pseudon) next year. Replies through this organ.

I NEVER COULD GET THE HANG OF MATHS — after Fridays & Wednesdays Puttawer.