Qualified welcome for Budget

Last week, for the first time, university funding featured in the Chancellor’s budget speech, indicating that the government does now recognise that there is a funding crisis facing UK higher education.

The budget settlement provided an extra £100 million for higher education in each of the next two years, which includes an extra £20 million for science equipment. However, universities have given only a qualified welcome to the budget statement which will ease, but not fully reverse, the effects of last year’s cuts.

According to Finance and Business Director, Steve Pavey, analysis of the detailed Budget letter sent to the HEFCE from the DfEE suggests a cautious approach to the news. “It seems likely, for example, that considerably less than £100 million will be available for general additional allocation. The letter also confirms the continuing application of so-called ‘efficiency gains’ – which means, in effect, percentage reductions in funding – to the entire sector, including Sussex. In addition, there are a number of changes in the VAT and tax rules which may adversely affect the position locally.”

As Steve also points out, although any short term increase in funds is to be welcomed, the longer term position for Sussex will be heavily dependent on the results of the Research Assessment Exercise. These will be announced on 19 December and published in Bulletin as soon as possible thereafter.
ANDY GARDNER, an EPSRC postdoctoral research fellow, has left for a post in the University of Witwatersrand in Johannesburg. TORSTEN KÜHN, who recently obtained his DPhil, has been awarded a European Science Foundation (ESF) Fellowship to continue research in Pavia and Udine. GILES RICHARDSON, a research fellow last year, was awarded another ESF Fellowship to work in Bonn and KLAUS DEKELNICK completed his habilitation at Sussex and now has a post in Freiburg. All these departing young mathematicians have on-going collaborative work with CHARLIE ELLIOTT’s Group in the Centre of Mathematical Analysis and its Applications (CMAIA), studying problems arising in fluid mechanics, porous media diffusion, crystal growth and alloy microstructure.

JIM BROWN has completed his part-time DPhil research project on the tracking of moving objects by radar and other sensors. Jim works for British Aerospace and his research, supervised by JOHN BATHER, involved collaboration with the Defence Research Agency, Farnborough. He will continue his links with the Centre for Statistics and Stochastic Modelling (CSSM) as a Visiting Research Fellow.

GARETH AMBLER has accepted a post as medical statistician at the Royal Postgraduate Medical School in Hammersmith Hospital: he has just successfully completed his DPhil, involving work with the Trafford Centre and the Royal Sussex County Hospital.

MARK BROOM joined CSSM this Autumn. He applies game theory to the analysis of stable strategies for evolutionary systems. DEREK ROBINSON is working with engineers from Daimler-Benz on statistical experimental design techniques for testing a new type of diesel engine. This involves being flown out to Stuttgart for lunch to see the engines operating.

JOHN HAIGH and Professor Peter Moore of the London Business School read papers on the UK National Lottery to a meeting of the Royal Statistical Society in November. A week later John bravely tried to explain to the general public, in Meridian TV’s Put it to the Test, how contestants in certain TV Game Shows could double their chance of winning the prize. Carol Vorderman professed to be unconvinced, although many in the studio audience were nodding their heads.

JAMES TAYLOR joins CSSM as a University Visiting Professor; his research interests are sample-path stochastic processes and measures for sets in Euclidean spaces. After a distinguished career as a Professor in London, Liverpool and Virginia he has recently returned to this country and will be based in Kent.

CAROL ALEXANDER has relinquished her half post in Economics and she will divide her time between SMS and her new post as UK Director of Algorithmics Inc., a Canadian Software Company opening up over here.

ROGER FENN was an invited speaker at a conference on Knot Theory in Tokyo.

He is still recovering from the experience of somehow losing his local postgraduate student guide on the train from the airport into the city. Roger does not speak Japanese, but fortunately the train contained an English-speaking academic who came to his rescue. No such problems for CHARLIE ELLIOTT, an invited speaker at a conference in New Orleans, coinciding with Halloween parades down Bourbon Street.

DAVID EDMUNDS has been appointed Research Professor in Mathematics. His book written with Hans Triebel, Function Spaces, Entropy Numbers, Differential Operators appeared in September.

In the summer the revised edition of Group Theory by WALTER LEDERMANN and Alan Weir was published; then in the Autumn, Dynamical Systems and Numerical Analysis by DIMITRI VASSILIEV and Yu Safarov. The latter text is an advanced monograph with exhaustive coverage of the major discoveries and advanced techniques employed in a field of great contemporary interest and importance, the outcome of seven years’ hard work by the authors.

The School welcomes back MARGARET MARCH who took a year out as a Research Assistant in the Biological Records Centre in the Institute of Terrestrial Ecology, Monks Wood, Huntingdon. She is back in her third year studying Mathematics and Statistics with Environmental Sciences. Her first paper has already appeared in the Journal of the Botanical Society of the British Isles.

Law Society Dinner

Last Friday the student law body hosted their first annual law dinner which was sponsored by local solicitors, Donne Mileham & Haddock. Guest speaker the Rt Hon Sir Richard Scott (author of the Scott Report) gave a talk on The Problems of Government. The evening was attended by the Vice-Chancellor, Professor Gordon Conway, law faculty and students. Members of the Law Society are pictured with Sir Richard, from left to right: Sara Jacobson (Treasurer), Elizabeth Bradley (Vice-President), Kirstin Haslop (President), Sir Richard Scott, Rachel Shepher (Secretary) and Irena Stirzaker (Vice-President of the Inner Temple).
**PEOPLE**

**Fleming Award**
Congratulations to Tony Carr, Cell Mutation Unit, who has received the 1996 Fleming Award of the Society for General Microbiology for his research into cell division and mitosis in fission yeast. The Fleming Award is given annually by the Society in recognition of “outstanding research in any branch of Microbiology by a microbiologist under 36 years of age”. Sussex has an enviable record with this award. This is the fifth time the award has gone to a microbiologist working here.

**Cunliffe Scholar**
The second Marcus Cunliffe Bursary has been awarded to Susan Currell, a doctoral student in American Studies. Sue Currell’s research topic is on “Women, Leisure and Consumption during the 1930s Depression.” She will be using collections of the soundtracks of radio programmes, films, popular magazines, trade catalogues and other material in the Library of Congress and the National Archives. The Bursary, funded by donations from Sussex alumni in memory of Marcus Cunliffe, Professor of American Studies at Sussex from 1965-1980, is offered annually to enable a postgraduate student to undertake primary research in Washington, DC. The Cunliffe Scholar will also benefit from an association with George Washington University, where Marcus was University professor from 1980 until his death in 1990. GWU will provide the Sussex visitor with an academic advisor, opportunities to participate in research seminars and other events, and connections with graduate students and faculty with similar interests.

**A Wedding**
Deli Barnard (EAM) and Bruce Davidson (AFRAS) are getting married in the Meeting House at 3.30 pm tomorrow, 7 December. There will be an evening party from 7–midnight in the Playing Fields Pavilion. All friends are welcome to join in the celebration.

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**A room with a view**

*Silvio del Ninno and Polyxeni Emmanouilidou pictured in Silvio’s room overlooking the Palace Pier. Left: the new seafront residences.*

SPRU student Polyxeni Emmanouilidou considers herself lucky to be living at the University’s new seafront residences. “Because I can see the sea I don’t feel homesick,” says Polyxeni, who comes from Greece, “and my flatmates and I have a Sunday morning ritual of breakfast across the road on the seafront. It’s so handy living here: shops are only two minutes walk away and we never have to worry about getting home late at night because it’s so central.”

Described as the most desirable student accommodation in Britain by the *Evening Argus*, the residences are splendidly located overlooking the sea between the two piers. They were opened this October and are currently available to postgraduate students.

A great deal of care went into the design of the building. Each of the 124 bedrooms has a telephone point and is equipped with facilities for computers, ready for future links to the University network. There are also facilities for people with special needs, including vibrating pillows and flashing lights to alert deaf people in the event of fires, and one of the flats is equipped especially for wheelchair users.

Security is another important feature of the building. “It’s incredibly secure here,” said Lisa Fanjeaux, an International Criminal Law student from Paris, “I always feel safe.” Indeed the building is equipped with closed-circuit TV, monitoring all the entrances and the underground car park. There is also night time security and day time porterage.

Perhaps best of all is the building’s spectacular position. “It’s lovely seeing the Palace Pier lit up at night” said Silvio del Ninno, an MSc student from SPRU who comes from Italy, and whose room is pictured above. “The rest of the flat hated me at first, because I got the room with the best view.”
Quality of NVQs in doubt

Nearly 40 per cent of NVQ assessors feel that many candidates are passing NVQs who shouldn't. This figure rises to 48 per cent for those who were external verifiers, i.e. those with greatest responsibility for standards.

These findings come from an independent review of the implementation of the assessment regime within the NVQ system undertaken by Professor Michael Eraut of USIE. His research, which is funded by the Economic and Social Research Council, focused on three occupations which make considerable use of NVQs: construction, engineering and business administration. Assessment was observed in action at 17 assessment centres and followed up by a questionnaire to NVQ assessors which received over 1,200 responses. Michael Eraut commented on his findings, "Not only have we found worrying levels of disagreement about the competence of NVQ candidates amongst assessors, but it has also become clear that there is a fundamental mismatch between the NVQ system and the national training policy."

Firstly NVQs are designed for training and assessment in the workplace, but in practice the majority of the assessment is carried out in a college or agency because there are not enough appropriate places available on employers' premises. This can lead to problems in the validity of the assessments. And secondly, the funding framework does not allow for the greater training time required to achieve some NVQ Level 2s and to train less well-prepared entrants. Training times and funding for course materials are set nationally at the same rate for all NVQs regardless of the content and nature of the training. For example, carpentry and joinery is much more demanding than painting and decorating, engineering than business administration, and yet training time on Youth Training and Training for Work is the same for each one.

Promoting Sussex links with East Asia

On a recent trip to East Asia, Dr Barbara Einhorn, Convenor of Women's Studies at Sussex, gave lectures on the impact of transition from centrally planned to market economies on women's employment opportunities in Eastern Europe. Chinese scholars vouched for the similarities in China's 'opening' to the market. In Tianjin, China's third largest city, Barbara visited TEDA, the Economic Development Area, where short-term contracts are common practice. Disregarding the benefits of an experienced workforce, multinational firms often prefer a constantly new, young female workforce, in order to avoid having to pay maternity benefits. It was particularly interesting to observe the co-existence of Communist unions within capitalist multinational firms such as Motorola. In a fascinating form of cooperation between the two opposing economic systems, Motorola makes use of the 'work team' structures and bonus system of Communist practice in order to stimulate an ethos of dedication to the firm, and to elicit worker-led initiatives for product innovation.

Sponsored by the British Council, Barbara Einhorn also attended the Second Asian Women's Studies Conference in Seoul, Korea. Women's Studies at Sussex has a British Council-sponsored link with three Chinese universities. This enables two Chinese scholars per year to come to Sussex for a period of six months to conduct independent research. Currently, Mia Ye from Beijing Foreign Studies University is at Sussex, investigating UK social work practice on one-parent families. Two members of Sussex faculty travel to China each year within the three year scheme. Following Barbara Einhorn's visit, Dr Gerry Holloway, who convenes the Women's Studies Certificate and Diploma in CCE, has just returned from China. Gerry gave lectures on the role of Women's Studies in Continuing and Adult Education in Britain. She discovered that in China, although much formal adult education takes the form of part-time degrees, there are other forms of adult education akin to those in CCE. Chinese faculty at the Adult Education College of Beijing Foreign Studies University expressed great interest in ongoing links with Sussex in this field.

The research found that paperwork is also a problem: a single NVQ typically involves over a thousand separate assessment decisions. Furthermore despite a tight specification of standards, 35 per cent of assessors prefer to use current industrial standards, their own craft/job standards or their organisation standards. A significant minority of assessors also experience conflicts of interest between employer and occupational standards. Michael Eraut believes that a key factor in such conflicts is the financial interest of the employer in obtaining a high pass rate. For colleges and agencies acting as assessment centres this is an increasingly serious problem when training times are being cut and output related funding increased.

Despite these problems, Michael concludes that there are many positive aspects of NVQs, especially their emphasis on competence at work. "But specifying competence too tightly prevents it from matching practice across a diverse range of employment. A flexible system of work-based and workshop-based units might help resolve this problem. Moreover, realistic training times should be built into schemes for youth and adult training, if standards are not to be further eroded. Training targets are no substitute for good training."
Visitors to campus have been known to find the fact that Falmer House is a listed building faintly risible. This is partly because the expectation of a listed pile is that it will be well, venerable in some way, or at least old. Falmer House, while qualifying on neither count is, however, at least distinctive and if the moats in the quadrangle are ever filled it would regain a lost dignity. Sadly the northern moat, which used to extend from the back of the debating chamber towards the library, and was beloved of newly graduated scientists who would fling one another in the water with abandon, will have to remain a latent treat for future archaeologists. But what will they make of the refashioned Refectory? It just isn’t the 1960s: it’s like moving into a time warp. There one is, happily contemplating a delicious plate of soup No. 3 with croutons like soggy boulders and gently humming an air from The Electric Light Orchestra’s near hits, when one is transported into 90s brutality. There is a redeeming feature for those of squirrel height in that the arrangement of the glass windows in the supermarket give the impression of a lot of bobbing disembodied heads. If you are suffering withdrawals from the architectural riches of motorway service stations then this is the place for you.

Our far-sighted University is looking ahead. Not like me to a new year full of interest and challenge, but through the dynamically termed 21st Century Task Force, to the next millennium. And while one may be forgiven for picturing wooden marionettes with their wires showing and answering to names like ‘Brains’ their task would seem to be altogether more radical than merely saving the world. The very structures of the University are up for grabs. Our traditional hallmark of interdisciplinarity (so artfully reflected on campus by having science all on one side ranged against arts all on the other), is under threat. It may well be that the ex-Education area has been through more restructurings than an Avatar of Krishna but that is not the experience of most of the University. Still if the rather brashly modern idea of Schools is replaced by some thrusting new mediaeval-type colleges then perhaps we could all wear gowns, rename the coffee shop the buttery and have a high table up the babies’ end of the Refectory.

I’m sorry to have missed the strike the other week - I had meant to hop onto the picket line but, well you know... the weather. I would ‘self-declare’ myself to have been on strike, but being unwaged, there’s not a lot of point. Though I’d be interested to know where I’d figure in the differential deductions of a day’s pay. 1/366 of a year or 3/65 of a month? I must confess these arcane, but apparently time-honoured calculations (which I am told relate to additions as well as to deductions of salaries) are entirely beyond me. However, the elder squirelette got out her calculator and reckoned that it means that a porter would lose about 40 per cent more of his salary for a day’s strike action than a professor. But she must have got that wrong - surely?

The Library now has so many books that they’ve started a second collection, housed off campus, but readily recalled. Part of the reason for this may be the rumoured existence of a book mountain along the lines of the butter mountain and the wine lake. While I feel sure that it is not the intention of the HEFCE to re-enact the Common Agricultural Policy within the universities, nevertheless the effect is much the same. Books and articles are produced and published regardless of whether anyone wishes to read them, that is to say that production bears no discernible relation to demand. It struck me as odd that in such market-sensitive institutions as universities this bizarre practice should flourish unchecked. But then I realised that, whilst it would be nice if people actually read the books that academics write in such profusion, it really isn’t necessary. After all the publishers make money by under-paying authors but charging high prices, the universities have fun competing in the research selectivity exercise and academics gain a ‘reputation’ and, if their list is long enough, even preferment. So everybody wins. In time, academic books may share the same fate as bound editions of Punch which, my bookseller tells me, he flogs by the yard to people who want to fill up their bookcases. On which cheery note may I wish my readers a Merry Christmas and a Happy New Millenium.

Cyril Squierel

New face
Mark Clark
Mark Clark is the new Research Grants and Contracts Officer at Sussex. He joins us from Warwick University, where he was the Industrial Development Officer. At Sussex he will be responsible for a service “from cradle to grave” in support of research projects from supporting research grant applications to the issuing of budget statements so that the expenditure of research grants is properly managed. His new department sits within the finance office, but as he points out his brief is far wider than a financial one: “We will find out who, outside the University, has the money, and then we will target the academics who have the research interest and expertise to match.

“I want to offer a research support service which actually does the job by helping academics,” he said. With his experience in both the private sector, where he was a Project Manager for an engineering company, and in universities he believes that he is capable of doing this by bridging the gap between Sussex and potential outside research funders. “I want to develop contacts with members of faculty and to forge links with the administrations within the schools to make sure that they have the necessary information and skills to support the academics.”

Mark believes that there is room within the existing system for radical improvement: "For example at the moment there is something of a protracted procedure that each member of faculty has to go through when they make an application. I want to streamline this and offer support, rather than obstacles, for research.”

Response to Dearing
The University has submitted its response to the National Committee of Enquiry into Higher Education chaired by Sir Ron Dearing. The full text of the response will be available from 10 December on the University of Sussex Information Service (USIS) http://www.sussex.ac.uk/ Units/planning/response.html
ALL IN A DAY’S WORK

For graduates faced with a frighteningly competitive job market, and hindered in their job search by a threadbare curriculum vitae, an internship is an ideal opportunity to gain the experience and skills so often called for by employers in all fields. Recent graduate, Scott Garden, talks about his work as an intern in the Career Development Unit.

As the graduate intern working in the CDU, my role is to receive, record and disseminate all information pertinent to the possible career paths of Sussex students both during and after university. Under the sound guidance of the Information Officer, I have acquired a good working knowledge of the contents of the CDU in order to assist, and occasionally enlighten, students bewildered by the sheer mass of careers information.

Not only have I become familiar with the multifarious career options and qualifications, but in communicating this knowledge to users of the CDU I have developed my ability to communicate and to listen. This is more important than perhaps it sounds, as the need for clarity on the part of the provider of information is paramount. I encounter the entire spectrum of job-seekers, from those who hope for divine inspiration to suggest a suitable career, to those who are terrifyingly certain of where they wish to go but simply need more information on how to get there. Dealing with these different types requires a different approach, and only through asking the right questions can I hope to be useful to them.

I have also improved my computer literacy. Employer information, as well as being stored in reference files for use by students, is also recorded on a database. This provides the source information from which I and my mentor, Genevieve Fox, produce the extremely useful Jobs for Finalists. It also allows both uniform and targeted letters to be produced and sent to employers in order that the CDU can receive the most up-to-date information on opportunities for graduates. I have also been writing short articles for Badger designed to raise the profile of the CDU and its services. This is particularly enjoyable, not least because it allows me to make regular use of the latest word-processing packages. Other duties include: dealing with telephone enquiries; searching newspapers and publications for vacancies, promoting talks and workshops with strategically placed and idiosyncratically designed notice boards. This variety of tasks is very appealing, and tests my ability to remain focussed amidst many possible distractions. I have been trusted to act in a representative capacity at recruitment fairs and visit firms recruiting graduates. This gives me the opportunity to question employers free from the pressures to perform usually encountered by job-hungry graduates meeting prospective employers. In order to make these visits useful for students, I ask questions which only someone not desperate for the job would dare ask.

As a recent graduate I feel I can contribute to a greater understanding of the needs and concerns of students. At the same time, I have personally benefitted from the need to quickly become familiar with the resources of the CDU. It requires a style of learning, and the ability to apply that learning on a daily basis, which will prove invaluable in my future working career. Importantly, unlike a degree where my efforts and performance were largely a private matter having little or no effect on others, the tasks I now perform are a component part of a much larger whole. The mutual responsibility for either successes or failures, has been an important lesson of my internship.

Graduate internships are a fortuitous coincidence of needs: that of the recent graduate hungry for invaluable work experience, with that of the unit or department looking for enthusiastic, intelligent and inexpensive employees. The variety of tasks I am called upon to perform as an Information Assistant make the internship a stimulating and challenging one. It also means that my ‘threadbare’ CV has been transformed into something of which I am no longer ashamed. In return for these very real benefits, I hope I have performed my internship with industriousness and brought to the work an energy and enthusiasm to match that of my colleagues.

Changing Face of Campus

The following work is being undertaken by the Estates Division. You are asked to take care in the vicinity of the work, and to stay outside any safety barriers.

WORK IN PROGRESS

• Library: Stage IV Extension: completion due summer 1997.
• East of Science Car Park: upgrade of electricity substation to serve the Sussex Innovation Centre.
• Falmer House: roofing and partial concrete repairs to the south-east corner. Completion early December.
• Speech paging system: installation of cables and aerials. Completion mid-November.
• Bicycle racks: upgrade of existing and new racks continues.

PLANNED FUTURE WORKS IN 1996 /1997

• Falmer House: works to improve safety of courtyard moat. Refilled with water, but shallower than original. Work to be programmed dependent on listed building consent.
• AFRC: major repair and refurbishment. Level 1 completed. Levels 2, 3 and 4, start on site delayed, followed by MOLS I: major repair and refurbishment. Programme dependent on AFRC completion.
• Campus Signposting: delayed pending possible renaming of buildings.
• Student Community Building (east of the Refectory): currently on hold.
• Children’s Facilitives Building (north of Lancaster House): currently on hold.
• Refectory (south end passenger lift) and IDS: complete lift refurbishment and modernisation. November and December.
• MOLS II: Level 2: upgrade of new CPES administration area. Start on site delayed.
• BIOLS: EP Wing: upgrade of heating. Easter '97
• Library: Stages I to III: major repairs and alterations. Due to start summer on site '97.
• Arts A: replacement sub-station, to be built to the west of Library Road.
RESEARCH OPPORTUNITIES

This is a selection of Research Opportunities. More details of these and other opportunities are available from Mylène Powell in the Research Office; ext 3812 (mornings only); email: M.Powell@sussex.ac.uk; http://sussex.ac.uk (For staff, Research Funding).

WORLD CANCER RESEARCH FUND DIET AND CANCER AWARDS: applications invited, 3 years grants of up to £33,000 per year to fund epidemiological and experimental research in the effects of food and nutrition on the origins, causes and prevention of cancers. Closing date: 6 December 1996.

WELLCOME TRUST RESEARCH FELLOWSHIPS IN MEDICAL MICROBIOLOGY: applications invited from scientists. To provide support early in your clinical career to enable you to spend a significant period of time in fundamental research and to allow you to gain practical expertise in modern research techniques.

THE LAW SOCIETY: Invitation to tender. To commission research on continuing professional development and the solicitors’ profession. Closing date: 13 December 1996.

NHS R&D PROGRAMME - CLINICAL TRIALS ADVISOR SUPPORT FACILITY: To tender for a contract to provide technical support for the NHS Clinical Trials advisor. Closing date: 20 December 1996.

EU ENVIRONMENT & CLIMATE: Transnational EU research projects are invited which fit the following areas of the work programme: research into the natural environment, environmental quality, global change, environmental technologies, space techniques applied to environmental monitoring, human dimensions of environmental change. Closing date: 15 January 1997.

NHS DEVELOPING OCCUPATIONAL STANDARDS FOR SONOGRAPHY: to promote developments and improvements in healthcare delivery. To develop occupational standards across the range of diagnostic medical ultrasound practice. Closing date: 24 January 1997.

science and technology
media fellowships 97

Opportunities for scientists and engineers to work in the media for up to two months.

Applicants should be professional scientists and engineers - in any discipline. Scheme administered by the British Association for the Advancement of Science.

Application forms are available from the Information Office, 230 Sussex House. Closing date 31 March 1997.

Bookshop Quiz

We are pleased to announce the winners of the Christmas Literary Quiz. They are each invited to choose goods to the value of £25 from the University Bookshop.

Jane ’Espinasse – EAM
Sara Hinchcliffe – CCE
Adam Knightly – Computing Service

The answers to the quiz:
1. The Outsider (Albert Camus)
2. A Room with a View
3. Moby Dick
4. The Odyssey
5. Brighton Rock
6. Edwina Currie
7. Jeffrey Archer
8. Roy Hattersley
9. Benjamin Disraeli
10. Nigel Lawson
11. Robert Musil
12. Doris Lessing
14. Jean Paul Sartre
15. Kurt Vonnegut
16. Frankenstein
17. Monsieur Mersault
18. The Whale
19. Bladerunner
20. Jerome David

Tree stump grinding

A programme of tree stump grinding will start during the week beginning Monday 16 December. This operation is carried out not only to improve the appearance of the campus landscape, but also to stop the spread of root fungi infection to neighbouring trees. The date coincides with the vacation so that machinery noise does not cause too much disturbance. The area from Arts Road bridge to the North end of the Refectory will be affected, also the grass areas in front of the MRC building and at the North end of ENGG III.

Computer security

The Security Working Group of the Computing Committee have expressed concern at the number of reports that have recently been circulating on the vulnerability to security problems of the LINUX and Microsoft NT operating systems.

It would be helpful if anyone running either of these operating systems could email Computing Service reception (reception@central.sussex.ac.uk) so that their name can be added to the list of known users.

This will allow the faster and more effective notification of problems as information reaches the Working Group.

Bulletin Christmas Challenge

The first correct entry to be drawn will win a bottle of something sparkling. Entries must be received by mid-day, Friday 13 December, at the Information Office, 230 Sussex House. Winner and solutions to be announced in the first Bulletin of next term.

Across
1. Masculine criminal conjoined after truth (10)
6 & 13 Got a bit of a stir on 24 November (9,7)
9. Filthy riches (5)
11. Alter (4)
13. See 6
14. Sounds like la cé (3)
15. See 17
16. Virtuoso (7)
17 & 15 Utterance of Mary’s midwife (3,1,3)
19. Collectable Brazilian city after copper (5)
20. Hazy French digit – stole time (anag.) (9)
22. Co-ordinated grey matter (10)

Down
1. Christmas treats, with no meat (5,4)
2. Doctor (4)
3. Christmas tree (3)
4. Mongoloid people of 13th Century (5)
5. Council or powwow (10)
7. Loch after chemical giant (7)
8. Source of fables – yobo storks (anag.) (10)
10. Charge! (7)
12. Space follows the Spanish stoop (9)
18. Fragrant oil often made from rose petals (5)
19. Battery – basic unit of living matter (4)
21. Quotis target (3)
Monday 9 December - Sunday 13 December

CCE Course

Desk Top Publishing
Tutor: Geoff Hockney. 10 meetings at 6.30pm on Tuesdays starting 14 January at the Computer Lounge, EDB. Apply by 19 December. Tel: (67) 8909 or G.M.Hockney@sussex.ac.uk

RSPCA Collection
There will be a collection of non-perishable pet food to help feed animals over Christmas. A tin or two, or even a packet of of food for the cats and dogs would be most appreciated. All go to the RSPCA. Collection point at the Refectory.

Miscellaneous

Africa Forum
1pm Saturday 7 December: Where is the way to Rwanda?
Guest speaker: H.E. Dr. Z. Nsengga, Ambassador Rep. of Rwanda. Also traditional dancers, poetry, songs and bazaar. Mandela Hall

Poetry Prize Awards
5.30pm Monday 10 December: Chris Johnson Poetry Prize Awards. Tobias Hill will read from his own work and announce the winners. All the winning poems will be read out. The Meeting House, the Quiet Room.

Islamic Society
4.15pm Wednesday 11 December: Jihad in Britain.
Mr F. Karim, EDB 121.

Boots Shopping Evening
6.10pm Wednesday 11 December: Tickets from Staffing Services Office, 227 Sussex House.

Lunchtime Concert
1.15pm Friday 13 December: Svetlana Stojanovic: harpsichord, Faculty of Music in Belgrade. The first and only Professor of the historical harpsichord in Yugoslavia. All welcome. Falmer House Recital Room.

University Christmas Challenge
6-10pm Wednesday 11 December: The Sport Service has organised the second Christmas Challenge in aid of the Sussex Cancer Treatment Fund. Those who participated last year will remember how much fun it was. And this year promises to be even better - more games, more wine and mince pies. Teams of 8 required (16 teams max.), £1.50 per person. Contact Karen Dunster at the Sportcentre, ext. 8228.

Christmas Cards
Individual University of Sussex Christmas cards are on sale from the Bookshop and Student's Union Shop. Orders may also be made through Christine Anthony in the Information Office on ext. 3766 at £3.75 for ten or £4.75 per single card.

Vacancy

Teabar Assistant
The School of Cognitive and Computing Sciences is looking for a lively assistant to work in the busy teabar from Monday 6 January. Hours are 9am - 2.30pm Monday to Friday, term time only. Duties will include food preparation, serving customers, handling cash, monitoring and maintaining stock levels and clearing up. Hourly rate 35.18 pence. Applicants should be fit, have a cheerful disposition and enjoy meeting people. Contact Sandra Jenks, Staffing Services, ext. 3768 for an application form.

Small Ads

CD OFFER: Student Union grocery shop has large catalogue of CDs at 10% off RRP. Order via the shop to collect in 2 - 3 days.
IRONING BORED? Your ironing taken care of, in your own home, at times to suit, Hove/Brighton area. Reasonable rates. Contact x 8022.
BABYSITTING PROBLEMS? Re-sponsible graduate au-pair available to babysit in Brighton and Hove area, contact x 8022.


CAT NEEDS HOME: My sons and partner all suffer from asthma and we've discovered that the cat aggravates it. Now that it's winter we need someone to give him a comfortable home with lots of attention. If we stroke him or play with him someone ends up sneezing and wheezing. Please can you help? Tel: 553327.

CAR PROBLEMS? Try me. I may be able to help with your car's elect/mech. problems. no charge unless you are satisfied. Reasonable prices. Also modifications carried out, eg: stereo and alarms fitting. email: lutu79@centra-lsussex.ac.uk, or EURO u/g by under "GI" (Mike).

Language Centre

Were you unable to find a course at the beginning of the year? Sign up for weekly classes beginning after Christmas in:
- Latin for special purposes.
- German, Spanish, Italian beginners.
- French elementary for those with a basic knowledge.

Please ask about other languages of interest to you. Contact Catherine x 2016.

Bulletin

The next Bulletin, which will be the last Bulletin of the year, will appear on Friday 20 December. This will include the outcome of the 1996 Research Assessment Exercise. Copy date is Friday 13 December. Bulletin is published by the Information Office, Sussex House on ext. 8209 or email: bulletin@sussex.ac.uk.

What's on...

Lectures, Seminars, Colloquia

- 3pm Analysis Seminar: Singular perturbations, surface energies and fractal asymptotics in homogenization problems. V. Smyshlyaev (Bath), Room PB2A1.
- 4.30pm Neuroscience Seminar: Cortical development and cognitive changes in infants. Mark Johnson (MRC Cognitive Development Unit), Biology Lecture Room.

- Tuesday 10 December 2pm: Solid States and Materials Seminar: Towards quantum-dot lasers in strained layer semiconductors. Dr. R. Murray (Semiconductor Materials Research Centre, Imperial College), Room PB2A2.
- 4pm COGS Seminar: Multimedia medical imaging data: a scenario. Theo Avramidis, Room PB3C11.

- Wednesday 11 December 1pm: IDS Seminar: What does European regionalism mean for developing countries? Chris Stevens, IDS Room 221.
- 1.30pm SCOAP Seminar: Microwave spectroscopy at the dissociation limit. Prof. Alan Carrington (Southampton), Room PB2A2.
- 4pm Music Research Seminar: Robert Saxon (Guildhall) from his own music. Falmer House, Room 120.

- Thursday 12 December 11.30am Economics Research-in-Progress Seminar: The relationships between anti-dumping and competition policy in law and economics. Peter Holmes, Room D234.
- 12.30pm Postgraduate History and Gender Seminar: End of term party, Room D730.
- 3.30pm Gender and Conflict Seminar: Fear of the unspeakable among Guatemalan war widows. Dr Judith Zurr (North-West London Mental Health Trust), IDS 221.
- 4pm Experimental Psychology Seminar: Caffeine: psychostimulant and reinforcing effects. Peter Rogers (BBSRC, Reading), Biology Lecture Room.
- 4pm Research Seminars: North Korea: the impact of flooding on society and the national economy. Geoffrey Dennis (International Director, British Red Cross), Room D610.
- 5pm Social and Political Thought Seminar: Two approaches to the history of ideas. Simon Hopper (SPT, Sussex), Room D630.

The Meeting House

- Christmas Appeal
An Emmanuel Community in Sussex, self-supporting through work for 35 homeless people at the former St. Mar Ye's Convent Portsdown. Please send donations to Barbara Barber, in the Meeting House.