An occasion for celebration

The installation of a new Chancellor is an occasion for celebration by the University community, and students and staff are most welcome to attend the ceremony at the Gardner Centre next Thursday (28 January). The ceremony begins at 11.15 and following an address by the Vice-Chancellor and the President of the Students' Union, the Vice-Chancellor will install Lord Attenborough as Chancellor. Lord Attenborough will then confer honorary degrees on the three distinguished honorary graduands he has nominated for recognition, Bryan Forbes, Michael Stern and Sir Ian Holm.

The forthcoming Installation is not only a milestone in the University’s history, but a family occasion. Lord Attenborough is to be joined at the ceremony by his wife, Sheila, and their three children, Michael, Charlotte and Jane. For Michael and Jane the ceremony marks a return to Sussex - they were both students here back in the seventies. Michael, an English major was here between 1969 and 1972. Jane, who majored in Sociology, arrived two years later and graduated in 1977.

The music at the ceremony will be provided by The University of Sussex Chamber Orchestra and the Trinity College of Music Brass Ensemble. Sir Ian Holm will read an extract from Act III, scene iii of Troilus and Cressida and both Michael Stern and the new Chancellor will address the Congregation.

Tickets are available from Margaret Fenner on ext 3636 or email M.A.Fenner@sussex.ac.uk

Making the Link Between Arts and Minds

A breakthrough study in the treatment of Alzheimer's disease has pinpointed art therapy as a crucial resource for alleviating the symptoms of people with dementia. In particular, the study has shown that art therapy can combat the depression often felt by Alzheimer's sufferers, with 50% of those taking part showing a significant improvement in mood levels at the end of the 10-week art therapy course.

According to Dr Jennifer Rusted (BIOLS) - who has conducted the study with Linda Sheppard, in conjunction with the local Alzheimer's Disease Society and art therapy specialists - depression is a critical factor in the deteriorating condition of Alzheimer's sufferers: "It is now being recognised as a primary problem." She says, "Performance is definitely affected by the fact that these people are thoroughly depressed by the problems they've got. If you can lift the depression, then impairments are at least limited to those caused by physical changes in the brain."

Art therapy is already used to treat people with dementia, but until now it has not been clear whether it was the therapy itself which was of benefit, or just the opportunity for sufferers to express themselves within a small group. As Jennifer points out, one of the most frustrating aspects of living with Alzheimer's is "not being taken seriously as a human being anymore," so any work which attempts to encourage self-expression could be seen as beneficial. However, in this study it was shown quite clearly that small groups focusing on verbal self expression are actually ineffective, and they appeared especially so when compared to the breakthroughs made with art therapy treatment. Continued on page 2.

Sir Ian Holm will read an extract from Act III, scene iii of Troilus and Cressida

A word of warning for drivers. On Thursday 28 and Friday 29 January, the Sportcentre car park and the visitors' car park opposite Sussex House have been reserved for guests at the installation ceremony and at the winter graduation ceremonies. To avoid problems with parking, you are strongly advised to leave your cars at home on both these days.

"depression is a critical factor in the deteriorating condition of Alzheimer's sufferers"
SEI Launches New Postgraduate Diploma

This month saw the launch of a new, ground-breaking Diploma in Contemporary European Studies (DICES). The twelve week programme, due to run over three years, will focus on recruiting people with a practical and professional involvement in the process of EU enlargement into Eastern and Central Europe.

The Foreign-Office funded Diploma, based on the MA modules in European political and economic integration, is designed to offer intensive training in the theoretical and practical problems associated with contemporary European governance. The Diploma will also include a specially designed course in inter-cultural negotiating techniques and tailored English language tuition. Students enrolled on the inaugural course, a group of whom are pictured right, are all from former Eastern Bloc countries, with half of the 21-strong group from Poland. Many of the students have never been to the UK before, and the course will also aim to acquaint them with the UK’s European policy. To achieve this aim, programme convenor Aleks Szczepaniak has organised study trips to Brussels and to the Houses of Parliament for the students to gather data, conduct interviews and make professional contacts.

Gabor Nagy, a student on the fledgling course, works as an advisor to the Hungarian Prime Minister, "helping him to make better decisions!" After a law degree and a degree in political science, he became attached to the pioneering young government, whose Prime Minister is himself only 35. According to Gabor, "there is not enough expertise on European integration in Hungary - the minister must have a well prepared and well educated advisory team, and that is why I'm here." Joining Gabor on the Diploma is Magda Burnat, who also works for the Prime Minister's office, but in Warsaw. A member of the team responsible for negotiating Poland's EU application, Magda's enthusiasm for integration is catching, and she says it is "exciting to be with a group of people who are also enthusiastic about the EU." The Diploma will ensure that Sussex plays a part in influencing the EU's movers and shakers of the new millennium.

Further information about DICES can be obtained from Aleks Szczepaniak on 01225 828800.

New Faces

Claire Langhamer
Lecturer in History

Leeds United supporter Claire Langhamer, has come to Sussex from Liverpool where she taught History. Although at first a bit reluctant to leave the North where she had lived all her life, it was the attraction of the post at Sussex that convinced her to move. Initially Claire found it a bit of a struggle to find somewhere to live, but has now settled in well and is pleased to be by living the sea.

Lecturing in 20th Century British History and 19th and 20th Century Women's British History and teaching on a school course in Feminism, Claire finds it challenging and interesting working in this inter-disciplinary environment, in particular teaching the school course.

Claire has just received a contract for a book based on her PhD on Women's Leisure in Manchester 1920 – 1960. She found one of the most interesting aspects of her research was carrying out the interviews with the older women – it has made her a very self-conscious interviewee! Although she finds the birds a bit scary, Claire thinks campus is beautiful and everyone is friendly – with an attitude like that, she should go far!

Overseas Research Students Awards Scheme 1999/2000

The application forms and further details on the ORS scheme are now available from the Postgraduate Office, Sussex House.

Any non-EU research student currently holding an offer of a place at Sussex, or any research student currently registered at Sussex, is eligible to apply for a nomination for this award. Please note that the award only covers the difference between the 'overseas' and home fees and does not include a maintenance element. The deadline for completed application forms to be returned to the Postgraduate Office is 16 April 1999.
The Sussex Innovation Centre

The Sussex Innovation Centre was established to encourage and support the creation and growth of high-tech and knowledge based companies, to develop their commercial ideas and grow them into mature businesses. After two very successful years, the Centre is now full and provides a stable base for 25 new businesses. Two of these companies are run by professors of the University, one company is run by two graduates from 1997 and many of the people working in the Centre are ex-students of Sussex.

The main aim of the Centre is to assist in the creation and growth of these new enterprises, by offering them well-equipped buildings and support from a highly skilled team of commercial experts able to advise on virtually all aspects of business administration. Another aspect is Technology Brokering. Technology Brokering is all about identifying the skills and resources needed to solve a particular problem and putting the component parts together to create a solution. The Innovation Centre team is in a unique position to achieve this and has already begun by setting up a Sussex Skills Directory that identifies specialist technology service providers. The need for this type of service is increasing steadily as businesses realise that they need expert input to enable them to undertake larger or more ambitious projects.

Anyone interested in finding out more about the Centre, is welcome to attend an ‘open forum’ meeting, at the Centre, at 3.30 p.m. on the last Wednesday of each month. Next two dates:- Wed 27 Jan and Wed 24 Feb. Or contact Chris Hudson, Facilities Manager on chris@sussex.innovation.co.uk.

Research Funding Opportunities

This is a selection of Research Opportunities. More details of these and other opportunities are available from the Research Grants and Contracts Office, contact Debbie, ext 3812 or email: D.Fay-Evetett@sussex.ac.uk. For an extensive listing of funding opportunities see REFUND on the Research Web site: http://www.sussex.ac.uk/Units/research or USIS Home Page, under Research.

ESRC, BBSRC, MAFF and DOH have launched a collaborative research programme in Eating, Food & Health with available funds totalling £2 million. The programme aims to provide the basis for a better understanding of factors leading to a healthier UK diet. See RGCO for research areas. No Deadline

The British Ecological Society invites applications for early career project grants (ECPG) and small ecological project grants (SEPG). Grants are given to promote all aspects of ecological research. Deadline ECPG: 31 January; deadline SEPG: 1 April. Applications are invited for the 1999-2000 Ransom Humanities Research Centre fellowships for scholars who wish to do post-doctoral research using the Centre at the University of Texas. The one month fellowships are available between June 1999 and August 2000. Deadline 1 February.

MRC and DOH have called for proposals under the title of Joint Initiative in Primary Health Care Research. £12 million is available for proposals that address any areas of research of direct relevance to primary health care. Deadline 15 February.

Proposals are sought for the European research conference scheme of the European Science Foundation. Proposals matching priorities of Framework 5 will be submitted to the EC for a grant. EC supported grants will receive 10,000 euros from the ESF, and up to 25,000 euros for those that do not get EC support. Deadline 15 February.

The EPSRC has launched a programme on electricity supply research. Research proposals covering the following themes welcomed: combustion technology; generation and energy technologies; information control; transmission and distribution; power systems; materials; and strategic issues for the sector. Deadline 1 March.

The Welcome Trust is inviting applications from biomedical and veterinary science departments for undergraduates to work on summer vacation research projects. Deadline 9 March.

Foresight Link programme has announced funds of up to £10 million for research projects encompassing elements of technology transfer. Three main themes: a cleaner world; social shaping; and precision and control in management. To be eligible a collaborative partnership must have at least one member from a research base and one private sector business. Deadline 7 April.

Keeping proteins in shape

Shape matters, particularly at the molecular level, say Michael Firucane and Dek Woolfson of the Centre for Biomolecular Design and Drug Development in BIOLS. Michael and Dek are designing proteins, the large molecules which do all the interesting stuff that makes life work. Proteins are involved in reading and copying DNA, recognising and breaking down some kinds of food while ignoring others, and switching processes on when they are needed, off when they are not.

The function of each protein molecule depends on its unique shape, composed of a variety of coils, turns and sheets. Yet, despite the bewildering variety of proteins, all are essentially simple chains, made up of only twenty different types of building block, the amino acids. The complex structure is determined by the way in which these chains fold, which in turn is determined by the sequence of amino acids. Like molecular lego, the possibilities for different construction are endless. It is not surprising that proteins have important medical and industrial applications but instability is a big problem. Most proteins are only just stable at body temperature and, over time, or if they are heated beyond this temperature, tend to uncoil and lose their particular shape; this happens when you cook egg white. Instability reduces the shelf-life of proteins in medical and pharmacological applications and severely affects the usefulness of enzymes in industry and for domestic purposes. More stable proteins do exist, for example in bacteria which live in hot springs, but we do not yet know the rules for producing them.

The BIOLS researchers are using an ‘evolutionary’ mechanism to tackle the problem, replacing each of the ‘lego’ blocks in the core of the molecule by a variety of alternatives. Most combinations fall apart, but a few pack together to make solid cores. The researchers were able to select core structures which stabilised their protein up to 90%, showing that their method is on the right lines, but they found that, in this case, nature had got there first; their heat-stable protein exists already with the same building blocks they had selected. They now hope to do the same thing with other proteins which do not have natural heat-stable variants.
**Noticeboard**

**Lectures, Seminar, Colloquia**

**Monday 25 January**

1.00pm Experimental Psychology Seminar: Andrew Mead, Conditioning factors in drug abuse: how to progress from simple ideas to complete confusion in one easy step. BLR (EP 3.9).

2.00pm Optical and Atomic Physics Seminar: Misha Koslove, High accuracy calculations for heavy atoms. PEVI 1A3.

2.00pm International Relations and Politics Research in Progress Seminar: Julie Reeves, (Southampton), Unspoken assumptions - problems with culture in IR? A 71.


4.30pm Neuroscience Seminar: Kevin Thompson (Knoll Pharmaceuticals), Early birds and night owls: from behaviour to Molecular Biology of Circadian Rhythms. BLR.


**Tuesday 26 January**

12.30pm Sussex Life History Research Network Seminar: Michael Erben (Southampton), Parameters of biographical research method. Mass Observation Archive.


4.00pm COGS Seminar: Tim Valentine (UCL), On the relationship between reading, listening, and speaking: it's different for people's names. COGS SC11.

5.00pm Social Anthropology Seminar: Filippo Osella, The return of the King, Matatuli: the politics of morality in Kerala, South India. C219.

**Wednesday 27 January**

1.00pm IDS Seminar: Marzia Fontana, Women at Work and at Home: modelling the interactions. Room 221.

4.00pm Music Research Seminar: Caroline Potter (Roehampton Institute), The Music of Henri Dutilleaux. Recital Room 120, Falmer House.

5.00pm Physics and Astronomy Colloquium: Robert Brown (IOP), Photonics in recording and displays. PEV 1A7. Pre-colloquium tea from 4.30pm on the Bridge.

5.00pm English Graduate Colloquium: Jonathan Sawdow (Southampton), Milton and science. D640.

**Thursday 28 January**

11.30 am Economics Faculty/Graduate Seminar: Samer Al-Samarrai, Household schooling decisions in Tanzania. D310.

1.45 pm CLS Seminar: Tony Ward (De Montfort), Psychiatric evidence and judicial fact-finding. D310.

4.00pm Experimental Psychology Colloquium: Catalina Perez (MRY, Unilever), Nutrient based conditioned flavour preferences in rats and humans. BLR (EP 3.9).

4.00pm CPES Colloquium: Julian Perry-Robinson, Chemical warfare. Chichester Lecture Theatre.

4.00pm Geography Research Seminar: Paul Clarke (Bristol), Rural homelessness: out-of-place in purified space? D340.

5.00pm History Work-in-Progress Seminar: Norman Vance, From Jubilee to Revolution: political thought in late eighteenth century Ireland. A155.


5.00pm French Seminar: Marian Hobson (Queen Mary and Westfield), Philosophical relativities. A71.

5.00pm Media Studies Graduate Research Seminar: Stephi Donald (Murdoch, Australia), Seeing white in British and Chinese film. D440.

**Friday 29 January**

2.00pm SPRU Seminar: Bruce Doern (Exeter), Risky Business: The changing science-based regulatory regime. EDB Lecture Theatre (Room 121).

4.30pm Philosophy Society: Keith Hossack (King’s College London), "Lichtenberg and the self". A155.

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**Computer Training for beginners**

**Word Processing** - A Step Further on Thursday 9 February 6.00 - 9.00pm. This course trains participants to use Word 6 to an intermediate level. It covers formatting text, use of tabs, tables and margins. It also looks at commands such as Cut and Paste, Borders, Bullets, Numbering and Headers/Footers.

**Accessing the Internet** on Thursday 11 February 6.00 - 8.30pm. This course trains beginners to use some of the tools which are available to access information on the World Wide Web. In particular it investigates methods for developing a good search strategy.

All courses can be booked in person at Computer Service reception between 9.00am - 5.00pm. Each course costs £3.00 for members of the University and £20.00 for Non-members.

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**Small Ads**

**FOR SALE**


**FOR SALE**

House, large 3 bedroom semi, 10 mins walk from campus, £64,950. Also available for short-term rental from 1 March. Please ring 389663 (evs.) or email mafa50@central.sussex.ac.uk for details.

**FOR SALE**

I am selling "different class" by Pulp for £8 or £10 on CD, but it is missing the liner notes - call ext. 6288 or email ecus96@central.sussex.ac.uk.

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**CDU Info**

Remember to book in advance at CDU.

**Amplicon Liveline, Engineering** - 27 January 6.30pm. Open evening at the company. Call into CDU for more information.

**Right Hand Trust** - 27 January 5.30pm, CDU. Offers graduates the chance to live and work as guests of churches in rural communities in Africa.

**CHOICE** - 28 January 5.30pm, CDU. CHOICE organises work abroad for students, subsidising travel, accommodation and food.

**CHERISH** - 1 Feb, 5.30pm, CDU. Opportunities for students and graduates to work as volunteers on youth club play schemes for people with learning and physical difficulties.

**Exportise** - 2 Feb 5.30pm, CDU. Looking for qualified sports coaches to work on summer camps.

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**Bulletin**

The Bulletin appears every Friday during term time with copy deadlines the preceding Friday lunchtime.

Please contact the Information Office in Sussex House on Ext. 8209 or Email: Bulletin@sussex.ac.uk.