CLIMATIC CHANGE — WHO IS TO BLAME?

In a public lecture this week Professor Peter Swart addressed the controversy surrounding the earth's climatic change. Professor Swart, who holds Sussex's first chair in Environmental Science, examined the facts surrounding the much-publicised issue of global warming. There has, he says, been an undisputable rise in the earth's temperature of approximately 0.5 degrees celsius since 1850, but whether this can be attributed to the increase in 'greenhouse' gases in the atmosphere is open to debate.

The temperature rise, according to Professor Swart, may simply be a part of the mysterious cycles that occur in the earth's climate. "There are 5, 11, 20, 80 and 200-year cycles in climate, but you can't positively identify these types of cycles unless you have very long climatic records," he says. "How do we tell whether these things are real or not? In the mid-17th century, and the 18th and 19th centuries there was a pronounced cooling period in Northern Europe, known as the Little Ice Age - we may only just be coming out of that now."

Accurate climatic records have not been kept for long enough to verify long-term trends in the earth's climate, but examining what is known as 'proxy data' can give indications of past climatic conditions. Proxy data is based upon things which respond to the climate, such as tree rings, glaciers and coral skeletons. Even records of past harvests and fishing yields can shed light on temperatures and rainfall measurements.

However, none of these methods can give statistically accurate explanations of global warming patterns. There has been an increase in temperature, and there are now increased levels of 'greenhouse' gases in the upper atmosphere, but without further research no-one can offer proof that the two are linked.

TRIBUTE TO THE NEW SOUTH AFRICA

Celebrating the first multiracial elections in South Africa, members of the Sussex African Students' Association planted a tree in front of the Meeting House. During a moving ceremony several South African students spoke about the past and the future of their country, welcoming a new era of freedom and equality. The students invited everyone at the ceremony to scatter earth into the hole around the tree, symbolising the burial of apartheid, while they sang the African National Anthem 'Nkosi Sikelel' i Africa' (God Bless Africa). A plaque was set in the ground next to the tree in memory of the elections, and of those who sacrificed so much in the struggle for justice.

Thabo Matthews, President of SASA, putting the first handful of earth around the memorial tree. In the background Juma Mhlanga, who gave the main speech, salutes the advent of freedom in South Africa.

SUSSEX CHAMPIONS

Sporting success at Sussex continued recently when the men's boardsailing team travelled to Christchurch in Dorset for the British Universities Championships. Although the weather was less than encouraging, the Sussex contestants left Dorset as the proud holders of the Gold Medal in the team event. Sussex also flourished in the individual competition, with Mike Hurt winning the Gold Medal, and John Claise taking the Silver.

The men's soccer team are also among the growing number of University champion teams. They won the Brighton, Hove and District Premier Division this year, having led the league for a large part of the season. Their next challenge comes on Wednesday 11 May, when they face a Brighton and Hove Albion eleven. It is hoped that this exhibition match will feature a performance from the Brighton and Hove manager (and ex-international) Liam Brady, but Bulletin has heard reports of a pulled calf muscle which may keep him out of the fixture. Or is he afraid of the Sussex strikeforce?
**NOTICES**

**DEVELOPMENT OPPORTUNITIES**

Funding may be available from Staff Development or EHE funds for faculty to attend the following events. Please contact the Staff Development Officer, ext 3849 for details of these and other events.

- **NCVQ Developments in Higher Education SEEC**, London 10 May 1994
- **Small Group Teaching CHES**, London 11-13 May 1994
- **Using Computers for Teaching Translation** University of Hull 14 May 1994
- **Assessment for Learning in Higher Education: responding to and initiating change SEDA**, Telford 16-18 May 1994
- **Learning from Audit and Assessment HEQC University of Northumbria, Newcastle Upon Tyne** 17-18 May 1994
- **Course Design for Resource Based Learning in Social Science** The Oxford Centre for Staff Development, Coventry 24 May 1994
- **Profiling** Oxford Centre for Staff Development, Coventry 26-27 May 1994

**LANGUAGE CENTRE**

In order to make space available for up-to-date materials, the Language Centre is reviewing all its cassettes and video stock, as well as book materials. Native speakers of the following languages are wanted to volunteer as materials assessors:

- Arabic, Basque, Bengali, Bulgarian, Cambodian, Catalan, Chinese, Danish, Dutch, Finnish, Gaelic (Scottish), Greek, Gujarati, Hausa, Hebrew, Hindi, Hungarian, Indonesian, Irish, Italian, Kikuyu, Korean, Malay, New Guinea Pidgin, Nigerian, Norwegian, Person, Polish, Portuguese, Quechua, Romanian, Serbo-Croat, Sinhalese, Swahili, Swedish, Thai, Turkish, Twi, Urdu, Vietnamese, Welsh, Zulu.

Please contact Alex van Westen, ext 8006.

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**NEWS AND VIEWS**

**WANT TO AVOID QUEUING ON GRADUATION DAY?**

In addition to our normal photographic service offered to graduates and their families at the Summer Graduation Ceremony, the University Photographic Unit is offering a high-quality graduation portrait service in its studio in Arts C109. This service, available during the summer (but not in Graduation week itself) will offer packages of colour prints taken with appropriate background, gown, etc. Please contact either Keith Wilson (ext. 2233) or Keith Hunt (ext. 2232) who will be pleased to discuss your requirements, show you examples of their work, and fix a time for your portrait session.

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**LETTERS**

Dear Editor,

Could I second Gavin Wraith’s sentiments regarding science students (Soapbox, Bulletin 22 April 1994)? I taught a course in COGS this year, and in setting the assignments I wanted to give those students who are not exclusively programmers an equal chance to do well.

The students were given a “design decisions” assignment, where they had to propose the broad directions which a product design would take, and justify these decisions. This task was based on similar assignments which I had done (and enjoyed) as a science undergraduate myself.

The students’ reaction to this task was mixed. While some of them did exceptionally well, others treated the prospect with horror. A telling comment turned up on a student feedback form at the end of the term (I have no idea who wrote this, by the way): The student complained that “students were required to do their own research for assignments”, I don’t think anything more need be added to that.

Andy Holley, COGS

**A student writes about her year abroad.**

**GRENOBLE: At the corner of every street a mountain – or so Stendal said. He was definitely right. Surrounded by the Vercors, the Chartreuse and the Belledonne, the mountains dominate life here.**

The atmosphere on the campus is rather dreary compared to swinging Sussex: the University is a far less sociable place. No lunchtime pints in Falmer bar, no Sunday lunch in the Grapevine, though we make it to the piscine for the occasional half. However, Grenoble is great. Bars and cafés abound and on hot sunny days the pavements are cluttered with chairs and tables belonging to whoever gets there first.

Skiing and climbing – the local pastimes – are cheap and easy. Wherever there is snow, skiers appear, and no rock is safe from the marauding ‘grimpeurs’. It is perfectly normal for people to be seen at 5.30 am ready for a day on the slopes. ‘Normal’ may be the wrong word to use here: ‘altitude sickness’ could possibly sum it up better, but it affects us all in the end.

I am very pleased to have had the opportunity to live here in France. I think that next year, my final one at Sussex, will be all the better for it.

Josephine Laine

(Biology with European Studies)
PEOPLE

WORLD CUP CAPTAIN

David Talalla, a finalist in the Centre for Legal Studies, recently returned to his studies after taking time out to captain the Malaysian cricket team. After a couple of warm-up games in South Africa, Malaysia competed in the mini-World Cup in Nairobi, but they were unable to win either the Cup or the Plate. David did, however, achieve a string of respectable scores, including 112 not out against Gibraltar.

While in Sussex David plays cricket for Lewes Priory, but after graduation he will return to Malaysia, where his cricketing services are being sought by more than one state side. However, he does hope to return to England to qualify as a barrister.

BOSTON RUN

Dan Rathbone, a postgraduate student in MAPS, has also recently returned from foreign sporting fixtures. Thanks to the Brighton and Hove team’s success in last year’s London Marathon (where Dan finished 26th), Dan and his team-mates were flown out to compete in this year’s Boston marathon. He achieved maximum TV coverage during the event by finishing just two seconds ahead of the first woman runner, in 51st place among the men.

LEARNED EDITORS

Dr Peter Bushell and Dr Roger Fenn took up joint Editorship of the Journal of the London Mathematical Society in February. The Society, founded in 1865, is the major British learned society for mathematics. The journal is highly regarded within the international mathematical community, publishing top quality mathematics from around the world. The placing of the editorial office within the School brings an LMS funded secretary, Stephanie Devine, to help with the flow of over 300 manuscripts sent by hopeful authors in an average year. The first issue under the banner of the Mathematics and Statistics Subject Group of Sussex appears this month.

CHAIR AT CHICAGO

Homi Bhabha (Reader in English, AFRAS) has been appointed to a Chair in Literary Theory and Contemporary Literature in the Division of the Humanities, University of Chicago. He will take up the appointment from 1 September 1994.

FINALISTS

Interested in a career in journalism?

An opportunity exists for a one-year placement in the University Information Office starting in September. Salary £11,500.

We are looking for someone who:

☐ can communicate effectively
☐ can write clearly and succinctly
☐ has some keyboard skills
☐ really wants to be a journalist

The duties of the post will include:

☐ finding and developing stories about University activities for internal and external publication
☐ handling enquiries from press and public
☐ setting up interviews and writing press releases.

Further information can be obtained from the Information Office in Sussex House, or you can discuss the job with Sue Yates, Information Officer, tel: (67)8384.

AFRICAN FELLOWSHIP

Laura Chrisman of AFRAS has recently been awarded a one-year research fellowship by the Nuffield Foundation to go to South Africa, where she will continue her research in early 20th-century black nationalist culture and writing. The new emergence of black literature in South Africa since the beginning of this decade is something Laura is particularly hoping to explore. "It is now very much transformed from its early liberal westernised modes," says Laura. "Since 1990 black literature has been undergoing a kind of identity crisis - they don't seem to know what kinds of social and political values they are meant to be emphasising. It's really to do with the fact that there is no longer a recognisable oppressor, and yet very little has materially changed."

In some ways black (and white) African literature is becoming noticeably more experimental, according to Laura. Writers are not only looking at the current apartheid situation, but are also analysing the past and future. Travelling to South Africa, and having direct access to more African literature, will allow Laura to add in more material to the three AFRAS courses on black, third world and post-colonial literature that she has introduced this year.

NOTICES

RESEARCH OPPORTUNITIES

For more information on any of these sources of research funding, call the Research Office on ext 3761 (Louise Vincent) or email louisev@admin.

EC FRAMEWORK PROGRAMME IV: the specific programmes being submitted for approval have now been published in COM (94)68 which - all 612 pages - is available in the Library's Documents Section. Research Office has key extracts for consultation.

ACE - Action for Cooperation in the Field of Economics - between EU countries and Eastern and Central Europe: call for scholarships closes in May and for research grants, fellowships, scholarships and centres of excellence in August.

EUROPE AGAINST AIDS: call for proposals relating to prevention, social consequences, etc. Closing dates not known, but probably from June onwards.

HUMAN FRONTIERS SCIENCE PROGRAM: research grants, fellowships and workshops in brain functions and in biological functions through molecular level approaches. Open call for fellowships to 3 months and for workshops. Otherwise closing date: 1 Sept. 94.

BEST - BRITISH EXPERTISE IN SCIENCE & TECHNOLOGY. Requests to update existing records, complete partial records and establish new records issued last month. Please do keep an up-to-record of your research on BEST - which the Research Councils use for identifying referees, industry to identify consultants, etc. Blank forms available from Mylene Powell (8238).

BBSCR BUSINESS is the first of the new Research Councils' glossy quarterlys to appear. MRC NEWS was relaunched last year. We have the addresses if you want to get on the mailing list. And we have the valedictory edition of SERC Bulletin.
What's on...

Lectures, Seminars, Colloquia

- **Monday 9 May**
  1pm Experimental Psychology Seminar: Focusing on Something New. G. Altmann, Biology Lecture Room.
  2pm Open Lecture: Women, Poverty and Citizenship. Prof. R. Lister (Loughborough), Arts A5 Lecture Theatre.
  2pm Particle Physics Seminar: Some Aspects of Supersymmetry Breaking in Superstring Theories. B. de Carlos (Oxford), PB2A1, MAPS I.
  3pm Analysis Seminar: Stability of Second Order Elliptic Operators. G. Babrius (Kings), PB2A2, MAPS I.
  4.30pm Neuroscience Seminar Series: Making Sense of Sound II. Prof. C. Darwin, Biology Lecture Room.

- **Tuesday 10 May**
  12.30pm Development in Practice Sessions: Gender and Technology. H. Appleton (Intermediate Technology Development Group), Arts C133. Open to all students, staff and faculty.
  4pm Algebra Seminar: Laces. T. Jin, PB2C1, MAPS I.
  4pm COGS Seminar: Correlated Activity in Cortical Development. G. Goodhill (Edinburgh), PBSC11, MAPS III.
  4.15pm Biochemistry and Genetics & Development Seminar: The Role of Cell Interactions in Generating Spatial Pattern During Development of the Wings and Legs of Drosophila. S. Cohen (EMBL, Germany), Biology Lecture Room.
  5pm Media and Cultural Studies Graduate Seminar: Father Can't You See I'm Filming? P. Adams (Brunel) Arts D520. N.B. There will be a screening of Michael Powell's Peeping Tom at 2.30pm in EDB 100.

- **Wednesday 11 May**
  2pm ENGG Lecture/Demonstration: The Quad Electrostatic Loudspeaker — the technology of this remarkable loudspeaker, followed by an audio demonstration using classical music. J. Edwards, AS3, ENGG.
  2pm: Queery Seminar: "Freud's Baby, Fleiss' Maybe Male Hysteria, Homophobia and the Invention of the Jewish Male". D. Boyarin, Arts D722.
  3pm Analysis Seminar: Singular Numbers of a Certain Class of Integral Operators. V. D. Stepanov (Kharabovsk, Russia), PB2A2, MAPS I.
  4pm Applied Maths and Numerical Analysis Seminar: Applied Mathematics and Optimisation. J. Dewynne (Southampton), PB1A1, MAPS I.

- **Thursday 12 May**
  2pm Sussex European Institute: European Union's Policy Towards Eastern and Central Europe. G. Burghardt (Director General, DGIA, External Political Relations, EC), Arts A70.
  5pm Geography Research Seminar: The City Imagined in Cinema. J. Donald, Arts D610.
  5pm History Work-in-Progress Seminar: How To Get The Best Out Of British Archives. C. Whitlock (East Sussex Record Office), Arts A155.

- **Friday 13 May**

**Sport Service — Action Jog**

A new class for anyone wishing to take up jogging or for lone joggers wanting some company. An instructor will provide encouragement along the way. Thursdays 1.10-1.50pm. Meet at the Sport Centre. £0.60 per session. All welcome.

**Lunchtime Recitals**

Tues 10 May, 1.15pm: John Birch (Organ), Chapel.
Thurs 12 May, 1.15pm: Marion Maidment-Evans (Piano), Recital Room 120, Falmer House.

**Endsleigh Insurance**

- **Temporary Closure**

Endsleigh Insurance will be closed 9-12 May due to circumstances beyond their control. The Churchill Square Branch will be open as normal. Tel: 220028. Endsleigh apologises for the inconvenience.

**Campus Ecology**

- **Monthly Newsletter**

Campus Ecology, a monthly newsletter for students and staff covering environmental issues is now out. Copies can be obtained from the Meeting House.

**Unisex Party — Wed 11 May**

**Escape Club**

The Escape Club is the venue for a new event this week. On Wed 11 May, Unisex, the joint Brighton/Sussex group promoting Safer Sex, are having their launch party. Becks and Tequila are £1.40. Admission £1 before 11pm, £2 after.

**CCE Saturday Schools — 21 May**

**Images of the Sea:** WALT WHITMAN AND ENGLISH MUSIC: An examination of the ways in which composers have interpreted Whitman's imagery of the sea. (Venue: University.)

**Death in Prehistoric Sussex:** Discussion of monuments to the dead and a visit to major burial monuments north of Chichester. (Venue: Fishbourne Roman Palace.)

**Goa:** An opportunity to consider this fascinating Spanish artist. (Venue: University.)

**An Introduction to the History of the Sussex Shepherds:** A look at the traditional craft of Sussex shepherding. (Venue: University.)

**Exploring Historic Lewes on Foot:** A look at the history and architecture of Lewes from the Saxons to the present. (Venue: Lewes.)

**Small Ads**

**Home Exchange:** Cottage sleeps 3 in Dordogne, France. Offered for similar in Brighton area during July/August. Contact Miss Doreen Chappell on (France) 53801175 or Margaret Khidhairy on ext. 2003.

**To Let:** Family house near London Rd BR, between July and September. Suit visiting academic. Rent in the region of £450 per month. Contact Alan Howkins or Linda Merrieks on 507229 or ext. 2185/2565.

**Lift Required:** Is anyone able to give a lift to a member of staff in the Creche coming from Woodingdean. Prepared to share petrol. Contact Gavin on ext. 8356.

**For Sale:** Fiat Tipo (blue) 1.4 K reg (Dec '92) with 2 yrs manufacturers warranty. 11,000 on clock. 40mpg. Factory sunroof rof, £5,200. Contact Carolyn Morris on ext. 3376 or 480479 (home).

**For Sale:** Automatic Peugeot 309 XL (1.6L). Immaculate, white, 1992, one lady owner. Sunroof and Blaupunkt stereo, £5,250 onto. Finance available. Contact Jennie on ext. 2911 or 0797 226938 (home).

**For Sale:** Rover 213S, B-reg, metallic silver. Taxed 6 mts. Needs some work. OIRO £550. Contact Tony Finchman on 678743 or 820817 (evenings).

**For Sale:** Raleigh Scorpion racer. Shimano 12 speed index gears. QR front wheel, cycle computer. Near new condition. £115. Contact Dr Mike English on ext. 8049 or email: mj.english@sussex

**Research Assistants Wanted:** 2/3 F/T In-House Research Assistants (one an economist) one-year from October or possibly earlier. Contact Rosalind Woodhouse, Admin Office Room 203, ext. 8266, IDS. Closing date: 27 May 1994.

**Bulletin**

The Bulletin appears on Fridays with copy deadline the preceding Friday. We welcome your suggestions for news, details of events, letters and small ads. Please send contributions to Pauline O'Reilly (editor), Mike Brooks (features) or Terry O'Donnell (What's On) at the Information Office, Sussex House, ext. 8209 or Email: Bulletin@sussex.ac.uk.