

NOTICE

The College of Engineering will initiate an Enrollment Management Program effective fall semester 1985. Each currently enrolled eligible freshman student must apply to be considered for admission to the major degree sequence in the engineering major of his/her choice. Applications are available in the Engineering Program Office, room 141, Engineering Research Center, or in the Engineering Departments.

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trades, business, forestry, and other specialties throughout the developing world.

Being a volunteer isn't for everyone, and it isn't easy, but to the people of the developing nations who have never before had basic health care or enough to eat, the Peace Corps brings a message of hope and change.

We invite you to look into the volunteer opportunities beginning in the next 3-12 months in Africa, Asia, Latin America, and the Pacific. Our representatives will be pleased to provide you with details.

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SENIOR BASH

Friday, April 26, 8 PM
Hall of Fame \$5/couple
Featuring "The Debonaires"
Open Bar until 11 PM

SENIOR BANQUET

Saturday, April 27, 7 PM
Aggieland Inn \$25/couple
Cocktail Hour 5:30 PM
Guest Speaker "Joe Fenton"

RING DANCE

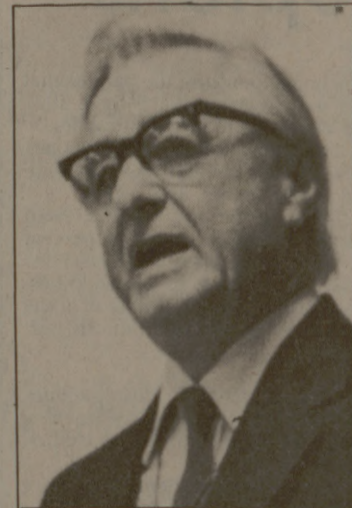
Saturday, April 27, 9 PM
MSC & Rudder \$35/couple
Featuring "The Drifters"
"Ed Gerlach Orchestra"

Orders being taken now in the MSC for Party Pic coupon books. (50¢ savings per pic.)
Ring Dance pictures will be taken starting at 3 p.m. Saturday in Rudder.

The Weekend package, at \$60/couple, includes all three events.
Tickets are on sale in the MSC Box Office.
All tickets are presale.

British chemist explains hydrogen fuel research

By JOE PARSONS
Reporter



Sir George Porter

A Nobel Prize-winning chemist discussed his research concerning the future use of hydrogen as a primary fuel here Monday.

Sir George Porter, director of the Royal Institution of Technology in England, detailed his research of photolysis. In photolysis, radiant energy from light is used to cause chemical reactions by splitting hydrogen and oxygen molecules and capturing the energy to produce an economical fuel.

Porter said the oil supply will begin diminishing after the year 2000 and the world must find an economical fuel.

"We are very near the peak of this oil bonanza," Porter said. "If we burn all of the coal (after oil supplies are depleted), the pollution consequences will be bad."

He discussed the need for the hydrogen fuel since it would be a cleaner substance.

Chlorophyll absorbs light and molecules are separated.

"The basic reaction splits water into hydrogen and oxygen," Porter said. "It is the primary reaction for making fuel from water."

Porter said there must be a method to produce the same type of energy, as in photosynthesis. Porter's research involves a crystallized bacterium, not a leaf.

In this process, light is absorbed, electrons are passed through the bacterium and go to reduce the hydrogen. Porter stated two reasons for using this method.

"It helps us to understand one of the greatest scientific processes," he said. "The other is its efficiency."

Porter then stressed the need for an economical means for producing such a hydrogen fuel which does not emit pollution. He said the cost of hydrogen fuel should be comparable to current fuels.

"The cost of your watt would be similar to nuclear power or coal," Porter said.

Porter diagramed the photosynthetic process in plants to demonstrate the method in which hydrogen is separated from oxygen.

Issues and Grievances

Role of SG discussed

By SHERRY TOFTE
Reporter

Student Government's role of representation was the main topic of discussion at the last Student Government Issues and Grievances meeting in the Commons Lounge Monday night.

"I think Student Government has a real image problem," Mike Wells, an Aston resident said. "They spend all their time voting on intangible things like the GSSO and women in the band. Student Government really has no control over the outcome of those issues."

James Cleary, vice president of academic affairs, said "Except for

those two issues, I would say that Student Government represents what the students think."

Cleary and Carol Ellison, vice president of student services, said that there is a debate going on in Student Government about the schools of thought on representation. They explained that one school views representation as voting the will of the constituents and the other sees it as representation in the constituents' best interests.

Next year Ellison said she would try to get a space in The Battalion for Student Government.

"We want to get a column in The Battalion so we can 'toot our horn' and show people what we're doing in

Student Government," Ellison said.

In other discussion, Wells complained about the monopoly that McCaw Cablevision has on the campus.

"It's a rip-off, I wish they'd do something about it," Wells said. "It costs more money for less service."

Ellison said that Student Government will look into the problem and check to see if other cable companies are available in this area.

Other issues that will be discussed for next year are the problem of access to some handicapped ramps, Cleary said. Although discussion of housing is often discussed, Ellison said Student Government really cannot change those policies.

In Advance

South African specialist to discuss politics

Cornel Van Rooyen, vice consul of information for the Houston South African consulate, will discuss the importance of South Africa and its political situation tonight in 301 Rudder.

Van Rooyen, a specialist in South African politics and international terrorism, will speak about "South Africa: Liberty or Injustice." The program, at 8:30

p.m., is sponsored by Political Forum.

Van Rooyen graduated from the University of Stellenbosch in South Africa in 1978 with degrees in political science, sociology and international politics. Before attending college, Van Rooyen was a lieutenant in the South African commandos.

He began working for the information services in South Africa in late 1978. Before being assigned to Houston, he worked for the European and the British desks of the interior division of the government.

Van Rooyen was appointed to his current position in December 1980.

Students to display projects on water

By ROBIN ROBERTSON
Reporter

A group of senior architect students will display projects pertaining to the International Conference on Food and Water Wednesday from 11 a.m. to 2 p.m. in Langford Architecture Center.

Professor George Mann's Environmental Design class, Architect Design V, was asked to design an architectural solution to a specific water resource issue in a specific geographic location.

Kathleen Kurth, a senior from Conroe, said the project was similar to a geography lesson.

"We had to come up with specific materials to use for that particular region because most regions have a limited supply of materials available and many places have unskilled labor," Kurth said.

The students created projects pertaining to irrigation, food production, health and transportation and drinking water.

Project titles include: A Health Awareness Facility for Burkino Faso, Africa; an Oasis Education and Information Center for Algeria, Africa; a Water Distribution Center for The Yucatan, Mexico; and an Iceberg Location and Retrieval Center for Ivigtut, Greenland.

Mann said he came up with the idea for the class project after reading about the International Conference on Food and Water scheduled for May 26-30 here.

Mann said he wanted the students to use their imaginations and get them thinking about world-wide problems.

In addition to displaying the projects Wednesday, they also will be displayed at the conference.

Dr. Jack Cross, conference coordinator at Texas A&M, said the projects are creative and that an interesting effort was made by the architect students.

The projects tie in with the topics of the conference which include: water as a constraint on world food supplies; irrigation and drainage in the world; institutions working in water management, policy development and food production.

For example, David Hensley, a senior from Plano, developed an oasis education and information center for the Sahara Desert. Water is available in the region, but the main problem is how to irrigate and maintain the water supply.

Controversial abortion bill stirs up pro-choice groups

Associated Press

AUSTIN — Last-minute changes in a bill to regulate abortions were a "subversion of the democratic process" and would impose unconstitutional restrictions on women's rights, members of a pro-choice group charged Monday.

Anti-abortion forces said the complaints were "much ado about nothing," saying most of the changes will be dropped anyway.

Pam Fridrich, of the Texas Abortion Rights Action League, said the abortion regulation bill was amended before a seven-hour hearing last week, but the new version wasn't given to pro-abortion witnesses until the next day. The 33-page amended bill replaced an 18-page original, she said.

The committee members, the witnesses, the observers and the

press were denied the facts about this bill; and to date, the supporters of the bill are still attempting to conceal the truth about this legislation," she said.

"The hearing and seven hours of testimony was a subversion of the democratic process," Fridrich said. "By not allowing us access to the committee substitute, the authors denied us the opportunity to be heard and speak to specific provisions of this bill."

The original bill would outlaw abortions in the final three months of pregnancy, forbid the use of public money for abortions and require parental consent in the case of a pregnant minor.

Fridrich said the amended version would impose additional limits on a woman's ability to get an abortion, restrictions pro-choice forces said

likely are unconstitutional.

One provision would allow an "aggrieved person" to get a court injunction to block an abortion. An aggrieved person could be a parent, brother, sister, uncle, aunt or grandparent of an unborn child, or a group that is organized to protect unborn children.

The second provision would require a doctor to certify abortions are "necessary," even those in the final three months of pregnancy.

But Bill Price, director of the Texas Coalition for Life that authored the abortion regulation bill, said most of the amended bill would make it to the full Legislature.

He said anti-abortion groups are looking for a plan that would block abortions in the final three months of pregnancy.