

Energy dictates lifestyles says York science prof

By CHRISTINA LEGREE

"Energy determines the course humanity will take in the future," said Sam Madras, a York science professor, in his lecture last Wednesday on "Sources of Energy."

"New sources must be found" he said, "because the world has almost exhausted its supply. As late as three years ago governments and oil companies publicized the fact that our supply of fossil fuels was finite and that we have a very limited amount of knowledge about energy."

Madras said energy is the basis of all life, nature and human activity. "The more energy a society has, the more choices of lifestyle that exist. This is especially true of North America, where there's an abundance of land, and there formerly was an abundance of mineral resources. But statistics reveal that the USA must now import forty per cent of its oil to maintain its present standard of living."

According to Madras, "Canadians may have been misled to believe the Mackenzie Delta, the Athabaska Tar Sands, and the Arctic hold enough oil for the future. The most critical problems are not only the amounts of oil available, but also the high costs of the transportation and technology needed to extract it."

He mentioned two popular options for energy supply - nuclear and solar. The main difficulties with nuclear energy are safety, disposal of radioactive wastes, and sabotage. Another problem is the time needed for construction, as it takes an average of twelve years to build a nuclear plant, and growing demand cannot tolerate such a slow process.

Madras seemed enthusiastic about solar energy, calling it non-pollutant and, if mass-produced, a cheap long-term source of energy. But the initial cost of construction is high and only recently have governments experimented with solar possibilities.

Madras predicted it will be cheaper to use solar power than oil for long-term heating of multi-unit buildings. He added the lack of urban land forces people into apartments. The pressure for more housing will mean that solar energy for heating may be utilized within the next ten years.

Essay Banks

TORONTO (CUP) — Even though essay banks - distributors of pirate essays to university students - are not yet illegal, two Ontario universities are making it harder for students who purchase the services.

The governing council at University of Toronto voted last March to take action against the essay companies if their legal firm can find legal grounds to charge them on. The council is also lobbying the Ontario government to prevent the distributors from operating.

The University of Waterloo faculty council was told recently that term paper services "do operate within the law and while legal action should be considered, there are many other ways to discourage students from buying their essays."

Waterloo council voted to declare the instructors the right "to orally question any student on his understanding of the material submitted in any written work before arriving at a final grade".



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selichos

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SEPTEMBER 18th 11 p.m.

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Rosh Hashanah

FRIDAY EVENING SEPTEMBER 24th 7:00 p.m.

SATURDAY MORNING SEPTEMBER 25th 9:30 a.m.

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SUNDAY MORNING SEPTEMBER 26th 9:30 a.m.

Yom Kippur

SUNDAY EVENING OCTOBER 3rd 7:00 p.m.

MONDAY MORNING OCTOBER 4th 9:30 a.m.

AFTERNOON OCTOBER 4th 4:00 p.m.

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Burton Auditorium, 9:00 p.m.

Playwright, critic and translator, Bentley appeared for a "lecture" at York six years ago and wowed the audience when he sat down to play. "...a form of polished, sophisticated parlor entertainment one rarely encounters in a night club." N.Y. Times

SHAKESPEARE'S PEOPLE

Thursday, October 28
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Sir Michael Redgrave, leading English stage star appears with the original London cast in this celebration of Shakespeare in words and music. Exclusive Toronto engagement.

GREAT LADIES OF SHAKESPEARE

Joan Patenaude, soprano with Mikael Eliassen,
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Old Dining Hall

Joan Patenaude is Juliet, Ophelia, Kate, Cleopatra and Desdemona. One of Canada's finest singers, Miss Patenaude blends the music of Schubert, Bellini, Rossini, Barber and Cole Porter with the genius of Shakespeare's text.

THE FIRES OF LONDON

Monday, November 22 Burton Auditorium

Composer Peter Maxwell Davies and his ensemble, The Fires of London, occupy a place in the very front rank of contemporary musicians at work in the world today. "Davies' music is eminently listenable "...a rare sense of predominantly youthful audience manifestly spellbound." — The Observer London.



McCOY TYNER SEXTET

Thursday, January 13
Burton Auditorium

Tyner was John Coltrane's keyboard man for several years prior to Coltrane's death. An incredibly powerful, innovative player, jazz musicians look up to Tyner as one of the all-time greats.

UTAH REPERTORY DANCE THEATRE

Wednesday, January 19
Burton Auditorium

One of the U.S.'s finest modern dance companies is located not in New York City but in Salt Lake City as Artists in Residence at the University of Utah. Formed in 1966, the company is a co-operative with each member having an equal say in artistic direction. "Impressive... one of the best disciplined troupes in the country" — Clive Barnes, N.Y. Times.

An Evening with THE BAROQUE DANCE ENSEMBLE

Monday, February 28 and Tuesday, March 1
McLaughlin College Hall

An exploration of the world of Baroque performance practices and ballets with Shirley Wynne's Baroque Dance Ensemble. Ms. Wynne is a leading expert on 18th century dance and theatre history. The Baroque Dance Ensemble performs extensively in the eastern U.S. For her York performances, Ms. Wynne will be featuring selections from Dryden's Secular Masque of 1700 and Caractères de la danse, a 1715 solo exhibition piece for ballerina.

MULTIGRAVITATIONAL AERODANCE GROUP

Wednesday, March 16
Burton Auditorium

One of the most unusual dance companies in the world performs exclusively in mid-air suspended on an eighteen foot high scaffold. Ropes and rubber "shock cords" provide the sustaining web on which artistic director Stephanie Evanitsky weaves choreography in the air. "Swimming, floating", "a courting between the spirits of the dancers and the spirits of magic" are phrases used by critics in their attempts to capture the essence of Aerodance.

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