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later than noon on the Monday preceding publication. Campus events open to all members of the York community will be run, although some may be edited due to space limitations.

Scholarships for study at Oxford and Cambridge

The Canada-Britain Scholarship Foundation is offering a \$3,500 Postgraduate Scholarship in the Humanities and Social Sciences to students in their final year of a four-year course. Students who already have their degree in the field they propose to continue in Britain are also eligible.

The scholarship is tenable for one year at Oxford, Cambridge, London or other U.K. universities depending on the nature of studies to be followed. Fields open include Classics, Economics, English, Fine Arts, History, Philosophy, Political Science and Theatrical Arts.

Candidates should have at least five years residence in Canada. Application forms are available from the Graduate Studies office or from the Canada-Britain Scholarship Foundation, P. O. Box 122, Toronto Dominion Centre, Toronto.

Applications should be submitted by Feb. 1, 1973.

The Canada Scholarship at Cambridge, valued at 1,350 pounds sterling per year, is offered to single male graduates in the Humanities and Social Sciences who have already obtained a first degree from any institution which is a member of the Association of Universities and Colleges of Canada.

Field of study is the Humanities and Social Sciences including Anthropology, Fine Arts, Classics, Economics, English, Geography, History, Law, Oriental Studies, Philosophy, Social and Political Sciences.

Holder of the two-year scholarship will take a Cambridge B.A. degree as an affiliated student in two years instead of the normal three.

The scholarship, tenable at Peterhouse, Cambridge, England, offers an opportunity to a man of high academic ability to either work in a new field or to specialize in a course of study which he began in Canada.

Application forms may be obtained from: Director of Awards, AUCC, 151 Slater St., Ottawa, Ontario, K1P 5N1.

Closing date for applications is Jan. 30, 1973.

The Canadian Federation of University Women is offering a Professional Fellowship valued at \$2,500 to any woman holding a degree from a Canadian university whose domicile is in Canada. Candidates must wish to spend a year at an accredited Library School, School of Social Work, College of Education, or similar professional school.

For information and application forms write to: Canadian Federation of University Women, Mount Allison University, Box 69, Sackville, New Brunswick.

Completed applications must be received by Feb. 1, 1973.

The Canadian Association of University Teachers announces the J. H. Stewart Reid Memorial Fellowship for 1973-74, established through voluntary contributions to honour the memory of the Association's first Executive Secretary.

The one-year award is tenable in the graduate program at any Canadian university and is valued at \$2,500. Field of study is unrestricted.

Candidates must have Canadian citizenship or residence in Canada with landed immigrant status from Feb. 1, 1972 or earlier. Candidates must have graduate student standing or admission to a Canadian graduate program by time of the award.

For application forms write to: Awards Officer, Canadian Association of University Teachers, 66 Lisgar St., Ottawa, Ontario, K2P 0C1.

Closing date for applications is Feb. 1, 1973.

University



James Cunningham, known for his antic camp humour and elastic virtuoso dancing, comes to York Monday with the Acme Dance Co. The

performance is part of the 1972-73 Performing Arts Series. A few tickets are still on sale at the Burton Box Office.

Geography forecasts York campus weather station

Chances are you'll never be able to phone the geography department and ask the long-range weather forecast for the York campus.

Nevertheless, the university will soon have its own weather station right here on campus.

Construction on the meteorological station will start in about four weeks time. Located directly west of the grad. residences near Black Creek, the station will consist of a 200 sq. ft. fenced area containing a small compound of meteorological instruments.

The proposed weather station is a joint venture between the Atmospheric Environment Service (which forecasts weather for all of Canada) and York's geography department. A.E.S. is donating the instruments; York is donating the space and is covering the installation costs.

"We'll be using the meteorological station primarily as an aid for class instruction," says York climatologist Don MacIver. "It'll be an invaluable aid to undergraduate classes studying climatology and water resources."

Dr. Edward Spence, assistant professor in geography, adds that the York station will be fairly distinct from those on other Canadian campuses in that it will be

a year-round, completely functioning station and a regular part of the A.E.S. weather forecasting network.

For its part, the Atmospheric Environment Service, which has a major base at Malton, was interested in a meteorological observation centre in an urban environment.

With the ultimate aim of aiding forecasting, particularly long-range forecasting and overall weather patterns, it wished to extend its network closer to Toronto. Since city sites were hard to find, A.E.S. is equally pleased with the venture.

Both York and the A.E.S. see the

weather station as a long-term installation. As such, it will most likely form the basis for research not only in geography but in other departments as well.

Located in a rural-urban fringe at the top of the Black Creek basin, the station will most likely reflect these characteristics in the temperature and precipitation data it produces.

Research on the variability of snowfall, changing soil temperatures, the influence of buildings on temperature and the run-off patterns of Black Creek are just a few topics mentioned by Don MacIver which could involve the meteorological station.

Campus Alumni reunion

Not all graduates of York take their degree and head off looking for work in the cruel world out there, according to Alumni Affairs Officer Ross Howard.

"A lot of them find work or continue their studies in the cruel world right here on campus," he says, "and the Alumni Association would like to do a body count."

Mr. Howard, who is a York

graduate himself, is asking all York degree-holders working or studying on campus to phone (3154) or write the Alumni Office giving their whereabouts. An on-campus reunion-celebration will be held as soon as enough names are received.

"Your best friend from undergraduate days could be working in the office next door. Join us, and collect all those outstanding debts," says the Alumni Association.

Guest lecturer on lasers

Actual lasers fall short of mankind's old dream of an all-destroying death ray, but they do have properties and uses which far exceed this dream.

Speaking on these uses and properties at York next week will be Arthur L. Schawlow, Professor of Physics at Stanford University.

The title of Dr. Schawlow's talk is Lasers: Present and Future. He is the second lecturer in the Faculty of Science's "Distinguished Science Speakers Series."

There is now a large family of lasers whose members differ enormously in power output and wave-length. Through slides and demonstrations Dr. Schawlow will illustrate the properties of some of these lasers. He will also discuss some present and possible applications to illustrate the difficulties of matching capabilities to needs in a practical way.

Dr. Schawlow was born in New York, but received his Ph.D. degree

from the University of Toronto in 1949.

His research has been in the fields of optical and microwave spectroscopy, nuclear quadrupole resonance, superconductivity and lasers.

With C.H. Townes, he is co-author of the book, Microwave Spec-

troscopy, and of the first paper describing optical masers, now called lasers.

Dr. Schawlow will give his talk on Tuesday, January 23, at 4:30 p.m. in Curtis Lecture Hall E. He will lead a seminar on "Spectroscopy with Tunable Lasers" in the Physics department the following day.

Business administration in a bicultural society

Business Administration in a Bicultural Society, a conference designed primarily for graduate business students from Quebec and Ontario, will be held on campus, February 16-17.

The conference is sponsored by York's Graduate Business Council and the York Associates Program. Conference sessions include: Opportunities for French and

English Businessmen in the Alternate Linguistic Sector; Cultural Implications of Business Operations in Quebec; and Quebec Economic Growth under the Political Alternatives.

Free admission tickets can be picked up from the Graduate Business Council, Administrative Studies. Interested members of the community are invited to attend.



ZAP! Using a pulsed laser gun, Dr. Arthur Schawlow attempts to burst the blue mouse balloon inside the clear San Francisco balloon.