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news

Open house a success

By TIMOTHY LETHBRIDGE
Brunswickan Staff

The UNB physics and chemistry open house held last Friday and Saturday was a phenomenal success. Numerous on-going research experiments and undergraduate lab demonstrations were shown throughout the physics building and Toole Hall.

Perhaps the biggest attraction was "Phenomena Fantastica." Divided into two sections, Acta Physica and Acta Chemica, the hour-and-a-half-long spectacle showed what you can do with liquid nitrogen at -200 degrees C. and molten iron at +3000 degrees C.

'Captain Physics,' Brian Oliver, demonstrated his strength and skill by hammering a nail into a board with a bottle of hard liquor (without the bottle breaking), and drinking liquid nitrogen. Upon seeing this last act, one of the many children in the audience shouted "he's crazy!" The most literally hair-raising part of the whole show was when Captain Physics filled himself with 3000 volts of electric charge from a Van der Graaf generator. Among the many other acts in the first part was the snapping of a beam by lifting tons of air 'too fast', and blowing bubbles of glass.

Dr. Ron Lees, chairman of the physics department, sang a humorous story of how he progressed from student to professor at UNB; and also "The Ballad of Albert Einstein", who succumbed to the electronic calculator.

In Acta Chemica, the audience was shown a somewhat inaccurate chemical clock produced by "expensive experts from Switzerland." "To save on air fare," the same assistants were used to demonstrate a polymerization reaction, chemiluminescence reactions, a chemical fountain (which unfortunately failed in the last show), and the thermite reaction originally used to melt iron to mend rails. Also shown was the reduction of sugar to carbon and how iodine turns a potato black.

The whole show, repeated four times, was accompanied by witty explanations and drew such large crowds that many people had to stand.

Lectures given by Dr. Merrill Edwards on the Voyager missions entitled "You Can Get There From Here", and Dr. Zdenek Valenta about chemical communication, were very informative and attracted well over a hundred people each. Dr. Edwards gave an impressive slide and film show, with pictures sent back by Voyagers 1 and 2 as they passed Saturn and Jupiter. He

showed such phenomena as the 'spoke effect', and live volcanoes in outer space, all in superb close-up color.

Dr. Valenta showed how sex feromones work with the spruce budworm; he explained the complex subject in such a way that even those in the audience who knew nothing previously about the subject gained an understanding. Both lectures will be aired at some future date on CHSR's Seminar Program, Thursdays at 7 p.m.

During the guided tours, the public viewed lasers, holograms, gas chromatography, fractionating columns and many other things. Full explanations were given by students. In the science library lobby, there was a display of oscilloscopes, an electrostatic generator, and a display of light spectra, among other things.

Many visitors also had fun playing computer games, and watching video-tapes on various scientific subjects.

Friday was intended mainly for high school students who came from many regional schools, while Saturday saw the general public, many of whom had heard about it from



their children. As Dr. Lees success... we are very pleased commented, "It was a great with the attendance."

Business society hosting conference

The UNB Business Society is hosting the first Canadian National Business Schools Conference for students, until Saturday. The Conference topic is "Foreign Ownership in Canada," and it is being staged mainly in the ballroom of the SUB.

Close to 175 delegates from business and commerce schools in every province are attending the conference, which features addresses by members of government and business leaders.

Guest speakers on Thursday included Ron Mercer, the president of Xerox Canada; Gerald Merrithew, N.B. minister of commerce and development; MP Fred McCain; and Gerald Cluney, regional manager of the Canadian Manufacturing Association.

The conference goes on the road today, with an all-day tour of Point Lepreau.

Saturday speakers include MP Herb Breau, a member of the Task Force on North/South

Dialogue; Kerry Rowe, manager and senior dealer for the treasury department at the Bank of Montreal; and Ian Deans, a spokesman for the NDP national organization.

Mr. Breau will speak at 11:25 a.m.; Mr. Rowe at 2:00 p.m.; and Mr. Deans at 3:15 p.m.

The conference is supported by a \$2,000 grant from the N.B. department of commerce and development, and by grants from the provincial Cabinet Secretariat and the G.M. Black Foundation.

This session builds on experience gained when the UNB Business Society hosted a successful conference for Atlantic area business students in January of this year. Executive chairman for this event is Heather Cochran, a fourth-year student from Riverview, and general chairman is Mary Gange, a third-year student from Fredericton, who can be reached at 453-4869, ext. 10.

The public is welcome to attend any or all of the sessions.

United Way dance-a-thon set

By SUZANNE BARRY

The SRC is hosting a Dance-A-THON to raise money for the United Way. It will commence at 9 p.m. Saturday, Nov. 21 and end at 12 p.m. Sun., Nov. 22 in the Sub Ballroom. The couple who raises the most money through sponsors will win an escape weekend for two to an out-of-town hotel as well as a \$200 cash prize.

Food and refreshments will be served through the night. To make the Dance-A-thon more fun and interesting, there will be a dance theme each hour. The couples will have the hour to practice the certain type of dance and at the end of the hour a dance contest will be held. The couples will be judged and the one who best presented that type of dance will win a prize donated by a Fredericton firm as well as trophies. Prizes consist of albums, dinner, clothing gift certificates and many more.

To enter the Dance-A-thon all you must do is pick-up a sponsor sheet at any one of

various locations on campus including the SRC office and the Sub Info Booth. They must then be completed and returned to one of these two locations on or before Wed. Nov. 18.

To the residence who enters the most couples goes a 'generous' gift from Moosehead Breweries.

So get on your dancing shoes and come dance the night away for a worthwhile cause.

Houses demolished

By CAROLE VASIL
Brunswickan Staff

The land along the east side of Windsor Street is being prepared to serve as additional parking facilities for UNB. The property was obtained as part of a land exchange with Regent Mall several years ago. It contained, at that time, five wooden duplexes, one of them empty.

While these structures are of relatively little use to the university, the land preserves the western border of the campus.

Four of the buildings are to be demolished by Saturday, the fifth remaining occupied until Spring. After the buildings are down, the land will be cleared and rough-graded by the demolition com-

pany, John Mitchell Company.

Demolition costs are in the area of \$12,000, but the UNB physical plant will do the levelling, landscaping, gravelling and other preparations necessary for the lots to become usable parking spaces. With effort, said Don Barrett, physical plant maintenance manager, the lots could be finished by winter. In light of Wednesday's snowfall, however, this doesn't seem very likely, he said.

For now, the lots will only be gravelled. If the lots work out as parking facilities and the capital becomes available, the lots will be paved. If not used for parking, the land will be utilized as growing room for the campus.