

Women encouraged to study engineering

(UNB PRI) - Monique Frize knows first hand the obstacles many women face as they pursue careers in engineering. Holder of the Northern Telecom-NSERC Women in Engineering Chair at the University of New Brunswick in Fredericton, Dr. Frize will draw on her experience as she encourages women to study engineering.

Unique in Canada and perhaps the world, UNB's Women in Engineering Chair is funded jointly by Northern Telecom and the Natural Sciences and Engineering Research Council (NSERC). The first holder of the chair, Dr. Frize will act as a role model for women engineers. She will teach and do research in the faculty of engineering, and lead a campaign to promote engineering as a career for women.

Ironically, Dr. Frize's first day on the job was Dec. 11, 1989. Her first two official duties were to attend the funeral of nine young female engineering students who were victims of a shooting spree at Ecole Polytechnique in Montreal, and to speak at a vigil for the victims held at UNB Fredericton.

"Traditionally, engineering has been a male-dominated profession and engineering faculties have had little participation by women," Dr. Frize said. She plans to reverse that trend and, in fact, has already begun to process in her own career. In the early 1960s, Dr. Frize was the first woman to study engineering at a University in Ottawa. Always interested in science, she was introduced to electrical engineering by her boyfriend whom she later married. After three years of studying chemistry, she switched to electrical engineering. Acceptance by fellow students, faculty and university administrators did not come easily.

The most difficult time was when her husband was killed in a car accident 51 days after their wedding. A young widow and the only female engineering student at the University of Ottawa, Dr. Frize became even more determined to become an engineer. Engineering was all I had in life." Where she graduated two years later, she was one of the first women ever to receive an Athlone Fellowship which she used to study for a master's in electrical engineering at Imperial College in England. That two-year

period was the happiest time of her life, she recalls, adding that she met and married her second husband in England.

After her return to Montreal, Dr. Frize had a son, and taught biology for one year at the University of Quebec. She then joined the Hospital Notre-Dame as a clinical engineer, a consultant who works with physicians and hospital administrators to acquire technology for therapeutic and diagnostic applications.

After eight years there, Dr. Frize became director of regional clinical engineering service based at Dr. George L. Dumont Hospital in Moncton. In 1979, she had responsibility for a staff of four and \$3 million in equipment; in December 1989 that had grown to a staff of 20 and \$40 million in equipment. "I am a builder and, now that it is built, I needed new challenges."

Since 1979, Dr. Frize has also been a research associate in the faculty of science and engineering at l'Universite de Moncton, and lectured to medical and nursing staff at hospitals in south-eastern New Brunswick. In 1986, Dr. Frize earned a master's in business

administration from l'Universite de Moncton, and last year received a doctorate from Erasmus Universiteit in Rotterdam, Holland.

Dr. Frize plans to find out why so few women enrol in engineering and to devise strategies to reverse the trend. To help reduce attrition, she will examine the environment of engineering education. Other goals include encouraging women to participate in professional activities as part of their career advancement, and to enter graduate school so that the numbers of female engineering professors will increase. Dr. Frize will encourage young women in junior high school to choose math and science, and will promote careers in engineering to young women

who are studying science and math in high school.

Working on a national scale, Dr. Frize will be surveying women engineers and creating a database on the profile of Canadian women engineers. She will be arranging workshops for science teachers, guidance counsellors and parent organizations; take part in career days in schools; develop brochures and other materials for schools; and give talks and conferences in Canada and abroad.

Already, Dr. Frize has begun to build a national network of women engineers who are willing to go into the schools, to act as role models for young women, and to distribute information on engineering.

STU Student Union to hold open house

An open house will be held in the Student Union Building on January 23 from 12:00 p.m. - 4:30 p.m.

All offices of St. Thomas Student Union will be open for students who are interested in becoming familiar with what each organization does and where it happens to be located.

The Student Union offices will be opened along with *The Aquinian* and the Yearbook offices.

According to Kelly Lamrock VP General, sign up sheets

will be available for various activities that go on during the year at St. Thomas; and students will have the chance to make contact with the many councillors on the STU Student Union.

Displays will be shown on what each position does and a table will be set up on information about the Canadian Federation of Students which Lamrock says is a "big priority" at the open house.

Refreshments will be served and everyone is welcomed to attend.

Charity Ball on Feb. 2

Press Release

The UNB Board of Proctors is preparing for the second annual Charity Ball, which is to be held on Friday, February 2, in the Student Union Building Cafeteria from 9:00 pm - 1:00 am. Planning began back in November and now the final details are being put together.

The Charity Ball, which was first held last year, is an event which takes place to raise money for a worthy group in the area. This year the proceeds are going towards Special Olympics.

Organizers are pleased with the progress being made with plans so far. A big highlight of this year's event will be the music being provided by The Thomists, a very well known band in the Fredericton area. Their big band music is sure to provide some great entertainment and an opportunity to do a lot of dancing.

Another event which is

being held to promote awareness of Special Olympics is a floor hockey match which sees the Board of Proctors taking on the more experienced Special Olympics floor hockey team. This event is being held as part of the UNB Winter Carnival on January 28 at 12:30 pm in the South Gym. Students are asked to come out and cheer your proctors on to victory.

Tickets for the Charity Ball can be purchased at Mazucca's Variety Store, Headmasters in the Regent Mall, and the Special Olympics Office at 117 York St. On campus, tickets are available in the Alumni Memorial Building, the Help Centre in Room 118 of the SUB, or from the Board of Proctors. Tickets are priced at \$12.00/single or \$20.00/couple for Students, and \$25.00/single and \$40.00/couple for non-students.

Lecture on cults held

By Pierre St. Amand

On January 17 in Tilley 102, Dr. Colin Clay, author and lecturer, gave a speech on Cults: New Religion or New Ways to Manipulate our Minds.

There was first an introduction from Reverend Neville Cheeseman who gave the audience a brief report on Clay's background. Then the group of 100 people were introduced to Clay himself.

The lecturer began by saying saying that the world really got exposed to cults during the Jonestown tragedy in 1978.

Cults are nevertheless "still very active". There are now, Clay

estimates, 3000 active cults worldwide. According to Clay, Cults are destructive in three areas: rational thinking, relations with family and friends, society as a whole.

He also states that cults use deception and in Canada where there is a high tolerance towards beliefs we have to be extra careful. Cults are manipulative, they take away freedom once they have them in their power.

These groups also have an influential leader who has complete authority. He described to the audience 4 kinds of cult activity, youth groups, extreme Christian fundamentalists, newage satanism. Youth cults are

involved with recruiting young people to serve and raise the wealth of those in power. In this section he also noted such cults as the Moonies, the Hare Krishna.

He also stated that weekend packages are another form of cults followed by New Age which seems to be very popular these days.

Clay said that members of cults are often very highly placed and influential in society. Curious teenagers, lonely people and early conditioning seem to be the most likely to be recruited by cults. When asked how can society help these people he spoke of using kindness and understanding.

Malaysian Student Society holds first Badminton Open

by Fazilah Mohamed Ismail

Last weekend, on January 13 and 14, the Malaysian Students Society at UNB organized their first Malaysian Badminton Open, which drew 35 participants of which 22 were MSS members and 13 were non-members.

There were three sections: men's singles, men's doubles and mixed doubles. The following were the winners and runners-up:

Men's Singles: Md. Sabri Md. Shariff

defeated

Eddy Lee

Men's Doubles: Md. Sabri Md.

Shariff and

Abd. Rauf Mat

Shaari

defeated

Johan Md.

Radin and

Abdul Halim

Abdullah

Mixed Doubles: Ong Peng

Siah and

Norani Abu

Bakar

defeated

Pany Hian

Tea and

Julynn Lim

The prizes awarded were trophies for first placings and runners-up received 2 tickets each to the Malaysian Cultural Night to be held at the SUB Ballroom on February 3 at 6:00 pm.

The response to the Malaysian Badminton Open was very encouraging, considering that there was not much publicity about the Open, but the MSS hopes that there would be a greater response for the 2nd Malaysian Badminton Open in 1991.