

Science Week opens York doors

By Evan Adelman and Karen Sharpe

York's science enthusiasts were treated to a program of talks and tours from October 25-28th throughout the Farquharson, Petrie and Steacie science complexes. It was an event designed to

enable students to gain a broader insight into the research activities presently being conducted at York.

The four-day program entitled "Science Week," was sponsored by York's Faculty of Science, the Science Students Association and co-ordinated by Dr. Keith Aldridge.

Science Week was arranged in order to coincide with the professional development days scheduled for Metro teachers. There was a significant number of educators who availed themselves of this unique opportunity and it was their interest which led to its success.

Many of York's science faculty opened their doors to discuss their work via small gatherings and informal groups. These "mini-lectures" were conducted in every field of the scientific discipline and ranged from micro-computer demonstrations to B.G. Houghton's session on "what makes locusts grow?", Laser photochemistry, D.N.A. repair in yeast, and radio astronomy were also notable topics of investigation. The Observatory tour was referred to as the highlight of the week's festivities.

Science Week also attracted numerous participants from the Toronto high school community. This was accomplished particularly due to the establishment of the "Science Olympics." One hundred and fifty students from twenty-five secondary schools competed diligently in what was a day-long bout of wits.

Incorporated into this track-meet style competition were such original concepts as tea making by mechanical means only, catapulting, musical instrument design, chemical equation scramble. However, it was the rat race maze which seemed to be the



Gary Hershorn

Student participants at science fair poised on verge of water balloon launch

Science Olympics most popular attraction. The first place trophy for outstanding contribution was awarded to Northview Heights Secondary School with North Toronto following closely behind.

It has been said that universities must reach out into the community and act as a resource centre for people in their surrounding areas.

With problems such as cutbacks facing our academic institutions, it is necessary for them to demonstrate how stimulating and vital they can be for society as a whole. York's science faculty made a positive step in this direction with Science Week and because of its success, the "Olympics" will be an annual event.

Final Year Students

Today, the chartered accountant is not only an auditor but a valued business adviser. Challenge, opportunity and responsibility are all part of the career path of those who choose to enter this demanding and exciting profession. Discuss career opportunities with Clarkson, Gordon representatives, on campus

Nov. 15

Clarkson, Gordon & Co.
Chartered Accountants

St. John's • Halifax • Saint John • Quebec • Montreal
Ottawa • Scarborough • Toronto • Mississauga
Hamilton • Kitchener • London • Windsor
Thunder Bay • Winnipeg • Regina • Calgary
Edmonton • Vancouver • Victoria

APPLICATION FORMS FOR TEACHER EDUCATION

A common application form allowing three choices of universities offering consecutive programs in elementary and secondary teacher education programs is now available at:

YORK ENQUIRY SERVICE
104A STEACIE

or

TEAS
Ontario Universities' Application Centre
P.O. Box 1328
Guelph, Ontario N1H 6N8



Gary Hershorn

Linda Broadfield and Susan Brunt Georgetown High School students working with copper on tea making project

Taking the plunge:

By Laura Brown

If you're looking for a water sport which is both challenging and adventurous, but does not require the skills and stamina of a marathon swimmer or a super jock, consider scuba diving.

Scuba diving is mushrooming in popularity across Canada, as the 14 students of the York scuba diving club will readily attest.

The club meets for two hour sessions every week at the Tait McKenzie swimming pool, with York scuba instructor Jack Leitch. Leitch, a diver with 20 years experience, has run the course from early September to late April every year for the past ten years at York and the past two years at Glendon.

Certified as an instructor by the National Association of Underwater Instructors (NAUI), Leitch teaches the sport and carefully watches over the practices. At the end of the course he will judge who is qualified to be

a diver.

NAUI, the watchdog of scuba diving schools, certifies instructors recognized throughout the world. This organization also sets a standardized training program which guarantees that all scuba participants throughout the world will fully understand the sport.

Although NAUI requires only 26 hours of lessons, Leitch has extended the course to a minimum of 40 hours. His decision to increase the course time takes into account that club members are university students who have school work to deal with.

"My main concern is that the 40 hour course will give them a chance to learn the sport, become certified divers and enjoy a sport which they can do after graduation... but that it not be something that is an extra pressure when they're going to school," Leitch explained.

The course is divided into four sections, beginning with a basic

swimming course. The main function of this section is mastering lengths of the pool, and, "you have to be a fair swimmer," Leitch said.

Lessons on skin diving (shallow underwater diving with the use of fins, mask and snorkel) are next, along with lectures on the equipment, medical aspects of diving, the physiology of diving, the environment and marine life.

After this, a written exam (requiring a minimum score of 80 per cent) leads into the final phase of the course — scuba diving.

The section in scuba (self-contained underwater breathing apparatus) diving, is the easiest, most relaxed and most enjoyable part of the course, Leitch said.

The wrap-up for the year long course is the certification test, which requires three open water dives, not exceeding 40-45 feet in depth. Open water is explained as a river, quarry, lake, a bay or an ocean.

Two years ago, Leitch planned a

DON'T MISS THE BARGAINS

AT THE BOOKSTORE'S ANNUAL USED BOOK SALE!

WE WELCOME BROWSERS.

NOVEMBER 6th-NOVEMBER 10th