

# DEVELOPMENTS



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## Cougars clash with hoopsters



CINDY LOW PHOTO

BCIT was in the thick of basketball action last week during the annual Cougar Classic. The tournament, featuring round-robin play by 16 men's and women's teams, over three days, is the largest annual sports event in the B.C. college system. BCIT's women defeated NAIT (above) on Thursday, but went down in defeat the next two games. The Cougars placed third in the standings.

BCIT's Cougars placed third in the fourth annual Cougar Classic basketball tournament, held here last Thursday through Saturday.

The tournament featured 16 men's and women's teams from B.C. and Alberta colleges — the University of B.C., University of Victoria, Vancouver Community College, Cariboo College, Capilano College, College of New Caledonia, BCIT and the Northern Alberta Institute of Technology in Edmonton.

VCC won the men's championship by defeating UVic 79-68.

Rick Inrig, coach of BCIT's men's squad, was pleased with his team's showing.

"They did very well," said Inrig.

On Thursday, BCIT defeated NAIT 68-63. In Friday's action, UVic beat BCIT by a score of 80-56. BCIT bounced back on Saturday and defeated CNC 63-56, earning the right to play for third place. In the consolation final played later that day, BCIT defeated UBC 70-58, for third-place honors.

BCIT centre Tom Raine was named to the all-star team.

In women's play, CNC defeated UVic 57-32 for the championship title; VCC finished third and Capilano placed fourth.

BCIT's women's team did not fare as well as the Cougars. The team won its first game 45-30 against NAIT, but was knocked out of contention when it lost the next two games.

On Friday, BCIT lost to UVic 58-37, and on Saturday, VCC defeated BCIT 51-46.

Despite the team's win-loss record during the tournament, coach Tyrone Walls said, "I thought we played fairly well in two games."

"It was a matter, not just for us, but for everyone, of being off for a long month," said Walls, "but I think they're (the BCIT team) coming along slowly, but surely."

Athletic Co-ordinator Derek Swain said that from an organizational perspective, the tournament went "very well."

"We had lots of participation

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## BCGEU membership ratifies contract

The BCGEU membership, Local 59, has ratified by 83.6 per cent the collective agreement negotiated between the union and the BCIT administration, said Tom Mackay, BCGEU staff representative and member of its negotiating committee.

Mackay said that the ballots cast by the membership were counted on Dec. 23. The contract, covering 241 regular employees in clerical, dietary and some technical positions, had expired on Sept. 30, 1980.

"We are presently voting from the management point of view on the ratification," said Lois Spindler, director of Personnel/

Labor Relations and chief negotiator for the administration.

"It's at the Board of Governors right now," she said on Friday. She added that she expected to hear from the board within days, and did not anticipate that the board would have any difficulty accepting the two-year agreement.

Highlights of the contract include: a \$130-per-month across-the-board wage increase in the first year (retroactive to Oct. 1, 1980), and a 10-per-cent increase in the second year; a 100-per-cent employer-paid benefits plan; a

25-per-cent increase in the educational leave fund; vacations improved in second year for employees with service between four years and 13 years; job postings for all positions longer than four month's duration; and days off on Christmas Eve and New Year's Eve.

Spindler added: "A special adjustment has been made for some anomalies in the food centre. Also, the complicated jobs have had the probation period extended. It used to be three months for everyone; any job that's over a grade 6 (in the BCGEU salary schedule) will

have a longer one of six months. That gives everybody a better chance."

Spindler said that negotiations were completed in three months. "It was a real joint effort and both sides won from it," she said.

"It was a relatively quick settlement, compared to past negotiations with BCIT," said Mackay. "Obviously, the membership was satisfied, or it wouldn't have been ratified."

The new contract expires on Sept. 30, 1982.



# Campus Recreation offers new activities

The Campus Recreation department continues to offer its wide variety of activities and courses ranging from kung fu to broomball.

A one-day session in weight training for women is scheduled for Jan. 17 beginning at 9:30 a.m., with a program for men set for the same time on Jan. 18. Both sessions will take place in the SAC activity room. The fee for each three-hour session is \$3. Registration will take place in the Campus Life trailer.

The popular fitness classes have started again, with morning and afternoon times. Early risers meet on Mondays, Wednesdays and Fridays at 7:15 a.m. to 8 a.m. in the gym.



The afternoon classes start at 4:40 p.m. and run until 5:25 p.m. on Mondays, Wednesdays and Thursdays. The fee is \$25.

Jazz dance classes are being

offered on Mondays and Wednesdays from 7 p.m. to 8:15 p.m. in the SAC activity room. The fee is \$15.

Square dancing is being offered on Saturday afternoons from 2 p.m. to 4:30 p.m. in the SAC cafeteria. The six-week course, open to staff, costs \$15. Jive and rock and roll dancing is also being offered, on Saturday evenings from 7 p.m. to 9:30 p.m. For those who are interested in taking both these dance courses, there is a special rate of \$25 for registration in both. Register in the Campus Life trailer.

A mini-course in french braiding is scheduled for Jan. 17 and 18 from 1 p.m. to 3 p.m. in the

SAC. The fee is \$5.

Other activities include: indoor soccer on Tuesdays from 7:40 p.m. to 10 p.m. in the gym; kung fu on Thursdays from 6:30 p.m. to 8 p.m. in the activity room; and karate on Thursdays from 8 p.m. to 9:30 p.m. in the activity room. On Wednesday afternoons, there's volleyball in the gym from 11:30 a.m. to 2:30 p.m., co-ed hockey from noon to 2 p.m. at the 4 Rinks, free skating and casual hockey from noon to 1:30 p.m. at the 4 Rinks, and broomball from 12:30 p.m. to 2 p.m. at the 4 Rinks.

For further details, drop by the Campus Life trailer or call local 782.

## CAMPUS BRIEFS

The next Board of Governors meeting will be held on Jan. 22, at 2:30 p.m. in the Downtown Education Centre at 549 Howe.

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The staff-student curling bonspiel and social is set for Jan. 24 at the Burnaby Winter Club. The entry fee is \$6 for students and \$9 for staff. Tickets are available from **Ken Budd** at local 832, or from **Noreen Gudbranson** at 298-1040 and will be on sale Jan. 21 in the SAC from noon to 2:30 p.m. The entry fee includes curling, music and dancing, and a late night snack. Social tickets are available for \$4 for non-curlers.

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The deadline for applications for educational/professional experience leaves beginning July, 1981 is Feb. 1, 1981. Applicants should state whether they are applying for a study leave, a professional experience leave, or a short-term educational leave. Applications may be submitted to **Lorette Carriere** in the Provincial Consultant's office.

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Coombe Lodge, Further Education Staff College in Blagdon, near Bristol, is inviting BCIT staff to the lodge during the 1981-82 academic year. Coombe Lodge provides seminars on topics of educational interest. The lodge

was established to provide in-service training facilities for senior staff in tertiary education. For more information contact **Dave Hume**, provincial consultant, at local 735.

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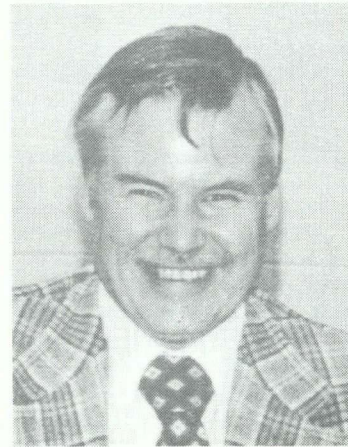
The BCIT Pub has reopened with new hours: 4:30 p.m. to 9 p.m. on Mondays through Thursdays, and 3:30 p.m. to 9 p.m. on Fridays, with the bar closing at 8:30 p.m., reports **Ross Duncan**, manager of the Pub. Duncan also said that patrons will be asked for I.D. at the archway.

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Four BCIT students were the recent recipients of awards, reports **Linda Krahn**, acting co-ordinator of Student Financial Services. **Shelby Redekop** has been awarded the Shoppers Drug Mart Prize in Marketing. **Martin Harrischhausen**, second-year Surveying student, and **Madeline Lane**, second-year Building student, were presented with the B.C. Tel Awards. **Gail Way** received a bursary donated by the IODE (International Order of Daughters of the Empire) Provincial Chapter in honor of the Queen Mother's birthday; **Carol Orchard**, department head of General Nursing, presented the award on behalf of the IODE.

## Board undergoes shuffle

Dr. Donald B. Rix, formerly the second vice chairman of BCIT's Board of Governors, now is



Dr. Donald B. Rix

chairman of the board. He was elected to the position at the annual election at the Dec. 10 board meeting.

Dr. Rix, director of laboratories, Metropolitan Clinical Laboratories Ltd., replaces Dennis Barkman. Barkman, president and general manager of Fraser Valley Broadcasters Ltd., will continue to serve as a board member.

Marie Taylor will continue her post as the board's first vice chairman. Taylor is currently chairman of the B.C. Utilities Commission.

Victor Burt, general manager of Hotel Vancouver, now is second vice chairman of the board.

## Cougars

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by the media and fans," he said. "It's (the tournament) getting bigger and better each year. We're getting requests from teams to play in the tournament, so it's gaining prestige. It is the premiere athletic event in B.C.," said Swain.

Swain added that the gate receipts for the tournament amounted to about \$380, which is being donated to the Variety Club of B.C. The event is co-sponsored by Labatt's Breweries.

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Director: D.D. Melville  
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# Career search looks downtown

The Counselling Centre's career search workshops have been so successful that additional workshops now are underway at the Downtown Education Centre, said counsellor Norma Hawkes.

The four-session workshops are designed for adults who have been in the work force for at least two years and who wish to examine their career paths.

"We zero in on testing, discussion of work environments, values, needs, career and labor markets, and training information," said Hawkes.

Start-up dates for the on-campus workshops are: Jan. 22, Feb. 19 and March 19. Hawkes said that if there is a demand, workshops will also be held later in the spring. The workshops are held on four consecutive Thursdays from 6:45 p.m. to 9:45 p.m. in the Counselling Centre under the direction of Hawkes, Heather Hyde, Howard Peto and Laurel Cowie.

At the downtown centre, located at 549 Howe in Vancouver, five workshops have been scheduled between now and April, with various times on various days

of the week.

The concept of the career search workshops has had drawing power since its inception in 1977.

"The whole idea of career search came about and was developed because Continuing Education was getting requests for career direction," said Hawkes.

"People in Continuing Education at that time — this is going back three or four years — were program consultants, not counsellors, and so couldn't help people in terms of career testing and so on," she said.

Those interested in receiving career counselling were referred to the Counselling Centre, she said.

"In-depth counselling can take a lot of hours in terms of one-to-one counselling and we have found that this wasn't the best way to go," Hawkes said. "So we put together a concept of group counselling."

The size of the group was limited to 15 per workshop and that number hasn't changed. What has changed is the increasing number of times the workshops are offered in the year, to accommodate the

increasing number of applicants.

"It's been our experience that every time we ran a group, we had more than 15 (who wanted to register)," Hawkes said.

"We started up with one workshop the first year, and ended up with four," she said.

By the end of the spring, the number of career search workshops offered by the Counselling Centre will have swelled to 13 workshops, and possibly 15, she said.

"So at this time this year, we are running eight on campus, and starting this month, we are moving into the downtown centre and trying different days and times."

The workshops feature standardized testing, exploration of career training opportunities, educational resource materials, discussion and counselling, clarification of interests, values and abilities, specification of goals and development of plan and action. "All workshops are taught by professionally trained counsellors with at least master's degrees," added Hawkes.

"Most groups are men and

women, although we have two women's-only groups," she said.

According to Hyde, who teaches the women's workshops, those too fill up quickly.

Hawkes said that the ages of the registrants range from 20 to 45 years, and the level of education from grade 10 to master's degrees.

"There's very differing work backgrounds — someone who's dead-ended in a job to someone who needs a change, due to maybe a health factor, or it could be because a company has closed," she said.

Most applicants find out about BCIT's career search workshops by reading the calendar, or on the recommendation from someone who has already completed the workshop, she added.

Hawkes feels that "the fact that it (the workshops) grows as much by client referral than by anything else" is a measure of the workshops' success.

Registration is handled through Continuing Education. The fee, including tests and materials, is \$65.

## Microscope offers more than meets the eye

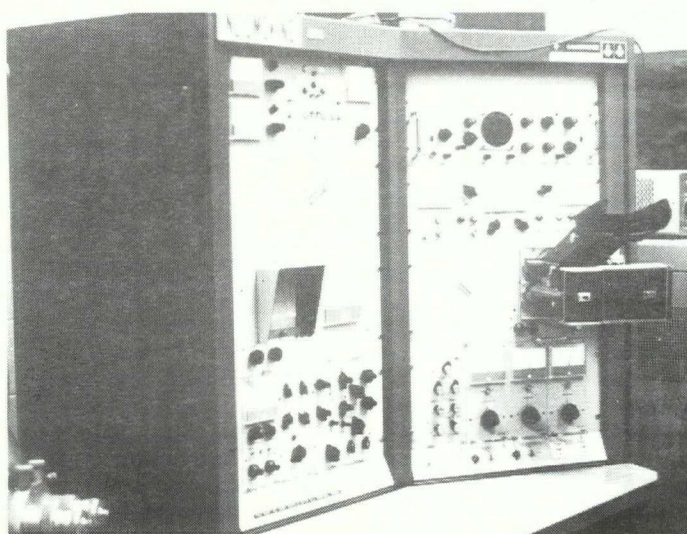
BCIT's Chemical and Metallurgical department has acquired a scanning electron microscope, according to instructor Wayne Irvine.

The department adds this apparatus to the transmission electron microscope which it already owns.

"The one we had before was better for some things," he said, adding that both microscopes will be used by Chemical and Metallurgical students.

"We'll be using it in Chem and Met, but we're hoping to give some training to some staff members so they can bring in their own students," said Irvine. For example, mining and geology students could use the apparatus to examine ore and rock samples, he said.

Its purpose is "to examine whatever at very high magnification," said Irvine, who added that the new microscope



BCIT's new scanning electron microscope, located in room 106 of the 1A building, will be used by students in the Chemical and Metallurgical Technology.

has a magnification capacity of 100,000x.

Optical microscopes already in the Chemical and Metallurgi-

cal labs have a magnification capacity of 1,500x. "With anything higher than that, you have to go to an electron microscope," Irvine said.

The transmission microscope has "a greater magnification (200,000x) and better resolution, or finer detail, than the new microscope, but has a very elaborate procedure for making samples, which was a barrier."

In comparison, the new microscope is easier to handle, and has a greater depth of field he said.

"They have different uses," he said.

The microscopes also have the capacity to take photographs of the magnified samples which appear on a screen, he said.

"For training purposes, it should be quite good," said Irvine.



# Heinekey — the man from SETBC

By Cindy Low

Although Marsh Heinekey is soon stepping down as president of the Society of Engineering Technologists (SETBC), he doesn't speak of the organization or its future with any less intensity.

During his two-year term, which expires in March, "two significant things have happened," said Heinekey, an instructor in BCIT's Civil and Structural Technology.

One is the amalgamation of all groups representing technologists and technicians in the province, he said.

"We're the only province that has amalgamated all of these groups, so when I speak as president of SETBC, I'm speaking for all technologists and technicians in B.C.," he said. "Primarily, it tells government that it's not dealing with splinter groups."

SETBC represents about 3,500 technologists and technicians, said Heinekey. The organization, along with its nine provincial counterparts, falls under one umbrella organiza-

tion, the Canadian Council of Engineering Technicians and Technologists (CCETT). The national organization consists of about 25,000 members, Heinekey said.

"The other area is in education," said Heinekey. "We've always had a mandate to supply educational programs throughout the province."

For example, SETBC has obtained programming time on the Knowledge Network of the West (KNOW), the educational television network set up by the Ministry of Education. Heinekey said viewers can expect to see programs on such topics as Telidon, silviculture, and fiber optics.

"And we'll probably do a program on engineering counselling to show what kinds of careers are available," he said. "I have this thing that education should be married to specific jobs."

The fact that there are currently three engineering-related educational studies underway indicates that "this is a critical time," said Heinekey. Last year, an ad hoc committee

was established by the Ministry of Universities, Science and Communications to study existing engineering programs; a task force was appointed by the Ministry of Education to deal with engineering, health and related technologies; and a committee was struck to examine extended technological training at BCIT, also established by the education ministry.

According to Heinekey, this is the first major examination of engineering education in B.C. in more than 20 years, and it is unlikely that another will take place this century.

"Some academicians are saying that the future of technological education will be formulated within the next 18 months," said Heinekey. "I go further and say the roles of the members of the entire engineering team could be redefined within the next 18 months."

Heinekey said that two major issues are related to the role of the technologist and the technician in industry: provincial statute, and utilization of manpower.

"At this stage, since 1978, we've been actively seeking provincial statute," said Heinekey. "It would give the right of title (Certified Engineering Technologist, or CET), ethics, discipline, and certification of our members."

Heinekey noted that the technologist or technician, unlike the electrician, plumber, millwright, engineer, architect, or forester, are not required to have a licence or professional certification to work in the industry. Tradesmen do; so do engineers and others, Heinekey said.

"We have a grey area in between," he said. "We hope to clear that up."

"We've looked at various ways to go about this; legislation is one," he said.

"At this time, we're working hard at getting industrial recognition. The advantage to the employer is that someone has checked out the (employee's) academics and that he can function with those academics. If an employer gets

a CET, he can expect performance at that level."

"On the national level," said Heinekey, "we'll try to make sure the standards aren't being eroded."

Heinekey will have a direct hand in that area — he has recently been appointed to CCETT's national standards committee on engineering technology.

For Heinekey, 38, involvement with SETBC dates back to 1965, when he became a member.

"SETBC established itself in 1958," he said. "It was set up, primarily, to look after the educational requirements, status, and registration of engineering technicians and technologists in B.C."

"Naturally, it started off very small," said Heinekey. "It didn't catch on as a viable organization until 1974. At the same time, other organizations started up." This included CCETT, founded in 1968.

But in 1974, Heinekey, as a director, began putting time into the organization.

The next year, he became second vice president, a two-year post. At this time, Heinekey decided to enrol in the second year of BCIT's Civil and Structural program, although he had already worked in industry for 13 years. His employment in the field, coupled with some teaching experience in Africa some 10 years previous, proved a winning combination — Heinekey was given an opportunity to teach night school at BCIT while he was a student.

Graduation from BCIT didn't put an end to Heinekey's teaching. One course led to two courses, and eventually, to a full course load.

Meanwhile, Heinekey's record with SETBC continued on track. He served as vice president from 1977 to 1979 before becoming president two years ago.

After Heinekey's term ends, he'll assume the duties as past president for a further two years.

"I actually hope to do something functional," said Heinekey. "Past president is usually a retirement job."



Marsh Heinekey