

DEVELOPMENTS

A newsletter of information and opinion published by the Public Relations Department for the BCIT community

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More funds sought by BCIT

Vice-principal and bursar Duncan Macpherson expressed concern that the 1980-81 budget from the ministry provided only a seven per cent lift factor for inflation.

"It is difficult for me to say I am pleased with the budget," said Macpherson. "However, I am pleased that the ministry has listened to our plea for further representation on the budget."

Macpherson said there had already been one additional budget meeting held with ministry officials and that "they appeared sympathetic."

"We expect further meetings that will allow us to

further state our need for funding over and above the amounts already indicated," the bursar said.

BCIT administrators met with representatives of the ministry and the three governing councils on March 28 to be advised of budget allocations.

The allocations were broken down by council showing gross budget, anticipated revenue (other than government grant) and net amount representing

the government grant.

"We have questioned the amounts used by ministry officials for anticipated revenue, as we believe the amounts to be too high with the effect that the government grant will be reduced."

Macpherson said allocations were not received for the following items: Ministry of Education (pre technology and BCIT preparatory programs), contract services, ancillary services and rentals and leases.

"Ministry officials have agreed to meet with us to discuss the above items," said Macpherson.

Without any additional

revenue that might be obtained through discussions referred to above, the government grant for operating expenses for 1980/81 compared with 1979/80 is as follows:

1980/81 Provincial Government Grant

Academic Council	\$17,609,000
Occupational Training Council	2,895,000
Management Advisory Council	9,699,945
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	\$30,203,945

1979/80 Provincial Government Grant

27,841,000

Increase 2,362,945

Per cent increase 8.49%

Campagnolo comes to Convocation



Iona Campagnolo, former federal Minister of State, Fitness and Amateur Sport and host of the CBC show, *One of a Kind*, is the Convocation speaker for BCIT's fifteenth annual Convocation ceremonies June 13.

Campagnolo will address graduates, guests, faculty and staff at the morning ceremony at 10 a.m. and again at 2 p.m.

About 5,000 people are expected to attend the double ceremony, which will be held in the Queen Elizabeth Theatre.

Diplomas will be conferred on students in the Engineering Division at 10 a.m. Students from the Business and Health Divisions will receive diplomas at the afternoon ceremony.

Residence rates rise

Residence rates at BCIT will increase by about 9.5 per cent for the 1980-81 session.

Housing manager Val Karpinsky indicated the increase would "mean a break-even residence budget which would allow the institute to maintain its cost-recovery approach to management." And, he added, "we've got a \$1 1/4 million mortgage payment to make this year."

The rate increase will bring fees at Maquinna Residence to \$166 per month for single occupancy and \$157 per month for double accommodation. In the Willingdon Residence the fees will be \$85 per month for single accommodation.

Karpinsky said the increase is competitive with other universities and the marketplace. The University of Victoria Board of Governors approved a 10.2 per cent increase last month, Simon Fraser University anticipates a

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Students choose traditional careers

Men and women enrolled at BCIT are still locked into traditional careers, shows the BCIT Statistical Information Guide.

Registrar Elaine del Gobbo pointed out that these careers may be of the students' own choosing rather than any discrimination on the part of the various departments.

"If they don't apply, they don't get in," she said.

The guide, prepared in March but with some figures extracted from the 1979 Hallowe'en Report, indicated that there are far more men than women in the engineering programs and more women than men in the health programs.

Here is a breakdown of male and female enrolment:

Engineering: 1396 males, 190 females; Health: 127 males, 560 females; Business: 868 males, 639 females.

Total enrolment at BCIT is approximately 3,700, with about 2,400 males and 1,300 females.

The guide is released annually from the registrar's of-

Residence rates rise

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rate rise of 10 to 15 per cent and the University of British Columbia recently announced a 14 to 16 per cent increase.

"We're lucky the increase is as low as it is," said Karpinsky. "Unlike other institutions, we're not faced with the costs involved in residence food preparation. Our costs cover services such as utilities, trades and cleaning."

To date, about 130 applications have been received by the housing office.

"These requests are from returning students," Karpinsky said. "It's a grim situation, because we've only got 96 rooms set aside for second year students."

Karpinsky said he is expecting about 1,000 application requests from students interested in September 1980 occupancy. Maquinna and Willingdon residences can only accommodate about 300 students.

fice and submitted to the Ministry of Education as a matter of record.

Del Gobbo said that these figures, when compared with enrolment statistics compiled during the year, may have "a variance of, say, 10 per cent."

New SA council set

The student body elected two officers in the annual Student Association elections held on April 2 and 3. Seven other executive positions were filled uncontested.

Gordon Sears defeated Bob Bieberdorf for the position of vice-president external. Murray Crawford got the nod over John Brooks as chairman of the health division.

Other members of the councils are as follows: President, Mike Deane (*see story on page 4*); vice president internal, Robin Williams; treasurer, Kirby Cowan; chairman, Business, Minto Purves; chairman, Engineering, Vinod Chandra; chairman, activities, Michael Match; chairman, sports, Doug Jesson.

The newly-elected council will assume office on June 1 for a one-year term.

Workshop to examine stress

Stress and the working woman is the topic of a workshop to be held on campus May 10 in the Staff Lounge.

Sponsored by Campus Recreation, "Every Working Woman Needs a Wife: Stress and the Working Woman" will examine the stress, anxiety and guilt associated with a woman's responsibilities on the job, in the home and around the community.

The program will include a discussion of the problems working women encounter, causes of these problems and personal and practical solutions for stress reduction.

Dr. Naida Hyde is the instructor.

The fee for the one-day workshop is \$15. Interested persons should register at the Campus Life trailer by May 5.



Burnaby residents eye the proposed Willingdon Discovery Parks Inc. development plan at a public meeting held at BCIT last week. About 150 people from the surrounding neighborhood attended the meeting to voice their concerns about the research park, which is to be located across the street from BCIT. Residents stated parking, traffic flow and the protection of the neighborhood environment as key concerns. Some people also expressed interest in the type of tenants expected to occupy the facility.

Summer closures set

Campus Food Services officials remind staff, students and faculty that May 15 is the beginning of summer hours for some of the eateries on campus.

The evening service at the 1976 Snackery will close on Thursday, May 15 for the summer. The facility will reopen September 8.

Day service at the Road Runner and the Snackery will terminate on May 23.

On May 26 dinner service in the Food Training Centre Cafeteria will be reduced. Dinner will be available from 4:30 p.m. to 5:30 p.m. only. Full dinner service resumes in the cafeteria on September 8.

The Pit Par will close June 6, evening service at the Road Runner will finish on June 12 and one week later, on June 19, the dining room in the Food Training Centre will close until September 2.

Meet the computers

BCIT's Computer Systems department is offering an introductory level computer course to faculty and staff.

The course is divided into six modules.

The first module, an introduction to computers and computer hardware, will define computer hardware and software. Participants will also learn to write simple computer programs.

Other modules will cover topics such as an introduction to microprocessors, computer applications in health and engineering, computer graphics and the design of computer systems.

The modular format is being used because of its flexibility. The course can be offered, for example, on two or three days or on consecutive weekends.

The first session, which got underway recently, is being conducted as a pilot project.

"It's being handled like this in anticipation of future de-

mand from faculty and staff," said Ron McGowan of the Computer Systems department. Interest has been expressed for future courses of this type and the first offering was oversubscribed."

Anyone interested in participating in a computer course or faculty and staff with suggestions for future courses should contact McGowan at local 785.

Developments is published every Thursday. Letters to the editor will be published, if signed and without libelous content, but may be edited to meet space requirements. All material should be typewritten.

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Anik B—a success story

By DON WRIGHT

Tucked away in a pair of rooms in building 3A, the Anik-B Interactive Instructional Television project (IITV) has been operating for just over six months. According to Bill Robertson, head of Distance Education, the project has progressed well in that time.

"We've had an increase in broadcast time, an increase in courses, an increase in students and we've improved our ability to serve students in the field," said Robertson.

The Anik-B IITV project went on air in October 1979 as a one-year experiment in interactive instruction using a satellite. The difference between this project and previous projects is the use of the satellite to provide an audio return. This allows the student to respond to the instructor immediately, and both hear and watch the instructor reply.

Five northern colleges and Whitehorse are equipped to transmit audio. Other users, including five other colleges, can use conventional telephone lines to provide similar interaction, but not as immediate.

In the first term, a selection of day school courses were regularly broadcast to the northern colleges. Since then, the emphasis has moved towards the transmission of more continuing education-type programs.

Approximately 600 students registered in classes first term, and about that many have already enrolled in classes this term, with some courses yet to run.

"I think we are better able to meet their demands now than we were when we started," said Robertson. "The focus has changed from day school credit-type courses to perhaps shorter courses that are more continuing education-oriented."

"We started off thinking we could predict a little bit about what would be well received in the communities. We were about half right."

Bob Nason, coordinator of technical services and operations for the project, agrees with Robertson about the success of the experiment.

"I think the success of the project is proved every day by the number of programs we are airing, and the number of people who are watching and interacting on these programs," Nason said.

Nason is very pleased with the on-air record of the project as well. "The only problems we have are occasional system malfunctions, but I would say that they run at about four per cent, which is very good."

How does teaching to a class with cameras watching affect the instructor?



"You get used to it very quickly," said John Emes, an instructor in basic health science at BCIT. "After a while you talk to the cameras and monitors, and see exactly what they are seeing."

"The only thing I find difficult is that I don't know anything about the people. I get the feeling that there is a reluctance to call in. In a straight lecture situation, people tend to interrupt if they don't understand or have a question. I think they probably feel a little intimidated by the television system," he said.

"The students in the studio miss out, though" said Emes. "I don't look at them, I look at the camera." He said he noticed that those in the studio watched the monitor to maintain contact with him.

"They are also reluctant to ask questions because they feel they would be interfering with the camera," said Emes.

Emes is very enthusiastic about the system, though.

"I think it will become much better as people become more familiar with the system. It's a fantastic service to the northern communities and we really owe it to them to provide this type of service."

He would like to see more actual "interaction," both between the studio and the college and between colleges.

"If I lecture for one or two hours, and nobody stops me or asks a

question, it may as well be a television show," said Emes. "Until then, the system is not really meeting its full potential."

The proximity of the project has given a number of broadcast students some experience and insight into satellite television.

David Billman is one of two operators on a co-operative education program with the project and, like many of his classmates, is quite interested in the future of both educational and pay television using satellites.

"It's been great," said Billman. "It's the type of experience that you couldn't get anywhere else. There is nothing in the broadcast technology right now here. You get to know how the satellite works, which is handy because commercial stations use the satellite as well."

He shares the others' enthusiasm about the project. "I think this type of system of education, especially with the type of geography we have in this country, is going to go somewhere for sure—there's no doubt about it."

The project staff are currently working on plans for both the summer and next fall.

"We have been given a complete extension of the time we are now using on the satellite through June, July and August," said Nason.

Fall programming time is still to

be negotiated with the appropriate ministries and departments.

Robertson said that the English and Math departments have expressed an interest in using the system to broadcast pre-entry courses which normally run during the summer.

According to Robertson, the Ministry of Education and the Ministry of Universities, Science and Communications are jointly going to install some form of a microwave/hardwire television system that will link the universities, BCIT, the Vancouver courthouse, and some of the teaching hospitals into a multi-channel communications network for teaching purposes.

Connection to a satellite earth station would allow anything in the network to be sent out anywhere in the province, Robertson said.

"I think you will see the beginnings of that system announced within a month, and parts of it in place by the fall," he said.

To receive the Anik-B broadcasts, one needs a "low cost earth terminal," or LCET, which includes a five-foot diameter dish antenna, about a hundred feet of cable, and a box of electronics to attach to one's television set.

"Anyone in B.C. or Alberta can receive the broadcast," said Nason.

"The signal goes up, hits the satellite and comes down like rain. If you have the ability to receive it, there it is."

By CINDY LOW

Mike Deane, president-elect of the BCIT Student Association, is eager to assume office so that he can "work on some issues dear to my heart."

Deane, 27, is no stranger to the student life and campus politics. A first-year administrative management student, Deane has already attended council meetings as a technology representative.

He spent several years at Simon Fraser University, initially as a student, then as the assistant manager of the University Centre (similar to the SAC).

"I spent four years [there] working for students," he said, "and I gained a lot of insights on what students need."

Deane feels that the proposed campus centre is one of those needs. "Right now, it's in

the planning stages," he said, "but it's been approved in principle by the Board of Governors and the administration."

Student rights is another idea in which Deane would like to become involved.

"There's a need in principle for a student bill of rights," he said. "At present, there is no outline to inform students what actions can be taken when they feel they have been treated unjustly."

The bill of rights would be "a document we hope will act as a guideline for the student association and the administration," he said. It would include such aspects as classroom conduct and student records.

Accessibility to the students is something the council will



Mike Deane

have to work at, said Deane.

"All of us recognize the real need for communication on campus so [that] the student association can act on behalf of the student."

Deane cited the recent election as an example of the fact that not only is there a lack of interest, but also a lack of knowledge of the workings of the student association.

"They know they have to pay some kind of fee at the beginning of the year, but that's about it," he said.

To improve the situation, Deane plans to make more use of *The Link and Developments*. He learned to appreciate the usefulness of a campus newspaper while he sat as chairman of the board of directors for the Peak Publications Society at SFU.

He would also like to see council try for a higher profile around campus, though he admitted that that seemed difficult because of the nature of the BCIT timetables.

As for his own role on council, Deane sees himself as "primarily a spokesman for the student association and student body in general. My job will involve a lot of contact with the administration."

Deane, who officially takes office on June 1, is clearly looking forward to the challenge. Although this marks the first time he has served on the executive of a student associa-

tion, Deane says he has logged a lot of hours.

"I've stuck my foot in the door where I thought I could help."

Tennis, anyone?

A new series of tennis lessons is being offered at the BCIT tennis courts starting Saturday, April 19.

Lessons will be available to beginners, advanced beginners and intermediate players.

The first set of lessons will be conducted between 9 a.m. and 1 p.m. on April 19 and Sunday, April 20. The fee is \$12 and class size is limited.

The four-lesson package for beginners includes an introduction to tennis, serving, grip, strokes and rules.

The four sessions for advanced beginners and intermediates will deal with strategy, position, stroke improvement and service.

The 1½ hour package classes will be offered on Tuesday between 4 p.m. and 7 p.m., Wednesday and Thursday from 3:30 p.m. to 6:30 p.m. and Friday from noon to 3 p.m.

The fee for the lessons, which are limited to six people per class, is \$12.

The instructors are Dave Pentland and Kim Jow.

Registration is at the Campus Life trailer until 4 p.m. April 18.

THIS MONTH

Thursday, April 17

Training and Development Centre (TDC) seminar, "How to Make Meetings Work." Vancouver City Centre Holiday Inn.

10 a.m. Seaquam Secondary School Campus tour

4 p.m. Board of Governors meeting, BCIT Boardroom.

Friday, April 18

1:30 p.m. Belmont Secondary School Campus tour. TDC seminar continues. Campus Recreation Annual Awards Banquet. Cost, \$7.50 per person. Royal Towers Crystal Ballroom, New Westminster.

Monday, April 21

TDC seminar, "Dynamics of Effective Management." Four Seasons Hotel.

Tuesday, April 22

11:30 a.m. TDC seminar continues. Svetic's Rap Session in the SAC.

7:30 p.m.

Film Series 129. Mae West in "I'm No Angel" and W.C. Fields in "Never Give a Sucker an Even Break." Admission \$1. Lecture Theatre 129.



Wednesday, April 23

12:00 p.m. TDC seminar continues. Film Series 129. "I'm No Angel" and "Never Give a Sucker an Even Break."

1:30 p.m.

Spectrum Secondary School Campus tour.

Thursday, April 24

TDC seminar continues at the Four Seasons Hotel.

Monday, April 28

2 p.m. TDC seminar, "Evaluating and Selecting Business Mini/Micro Computers." Holiday Inn, Vancouver City Centre. Mt. Klitsa Junior Secondary School Campus tour.

Tuesday, April 29

11:30 a.m. TDC seminar continues. Svetic's Rap Session in the SAC. 7:30 p.m. Film series 129. "Animal House." Admission \$1. Lecture Theatre 129.

Wednesday, April 30

12:00 p.m. Film Series 129. "Animal House." 12:30 p.m. Free lecture, sponsored by the BCIT Staff Society Educational Development Committee. Dr. Bryan Hiebert of Simon Fraser University will speak on "Stress and Stress Management." Room 197/198.