

# BCIT UPDATE

YOUR CAMPUS BULLETIN

MAY 14, 1990

## A CELEBRATION OF TRADES/TECHNOLOGY COOPERATION

"The Thing" is one of the names the blue steel structure has been called, and although it looks like a piece of modern art, it is the product of a working relationship between industry, and various BCIT departments.

The structure demonstrates steel connection details recommended by the steel fabrication industry. It is intended to be used as a working illustration for courses in structural design, steel detailing and steel fabrication.

"The venture is particularly interesting in that it has involved close co-operation between students and staff from two separate schools and reinforces BCIT's established links with industry," outlined Ed Hull, associate dean of Civil Technologies.

"The Canadian Institute of Steel Construction (CISC) approached BCIT to enquire if the school wanted to collaborate on the structural steel demonstration model," said Al Payne, Civil and Structural instructor. Keith Ritchie of CISC, Bill Malcolm, general sales manager, Canron Inc. and Rob Wills, were the industry representatives working with BCIT to put the project in motion. A similar structure was successfully received at a Florida university, and this was to be the first of its kind in Canada.



**Bill Malcolm, general sales manager of Canron (left of sign) and Keith Ritchie of the Canadian Institute of Steel Construction (right) pose with students and faculty from Civil and Structural and Steel Fabrication. Their combined efforts, together with those of students and faculty in the Ironworker program, resulted in the creation of a demonstration steel structure for use in training.**

The structure was designed, fabricated and erected by students and faculty from Engineering Technology and School of Trades. Civil and Structural Technology students designed and constructed the foundation. The structure was then fabricated by students from the Steel Fabrication program and erected by students in the Ironworker program.

The material was provided by CISC members Canron and Empire Iron Works, as well as LaFarge Concrete,

Harris Rebar (reinforcing steel for the foundation) and Richform Construction Supply Company.

A plaque commemorating the working partnership between industry and the school was presented by Keith Ritchie to BCIT president John Watson during the opening ceremonies held April 18. The structure was erected between the Library and the Student Association Centre during the recent Open House events at BCIT.

## BOARD HIGHLIGHTS

*From the Board of Governors Meeting, April 18, 1990*

- The Board approved an increase in BCIT tuition fees of 5% for full time programs and \$7 (equivalent of 7%) for standard part time programs. The proposed increase will now be sent to the Ministry for approval.

- The Board approved a Copyright Infringement Policy developed by the Institute's Education Committee. See Policy No. 7506.

- The Board thanked retiring Board members Jake Abrahams, Cam McKenzie and Rick Frey for their service and announced the appointment of new board members, Sylvia Gwozd and Geoffrey Walker. Sylvia is chairman of the Richmond School Board and a 1970 graduate of Marketing Management. Geoffrey is

operations manager with Canadian Energy Services Ltd. and a graduate of the 1962 Welding Program (BCVS).

- The Board expressed pleasure with the cooperation between the Open Learning Institute and BCIT in developing bridging degree programs in Advanced Studies in Business and Engineering Technology.

## PROGRAM BRIEFS

**Broadcast** dean, Brian Antonson, reports that Broadcast Journalism student Karyn Lambourn has been selected by the CBC for participation in their internship program. CBC "talent scouts" have been touring Canadian journalism schools over the past few months looking for candidates. Executive producer, David Bazay interviewed a dozen BCIT students and was apparently most impressed with their calibre. Two of the 20 reporters currently working on "The National" are BCIT graduates.

The **Automotive Department** participated in the Motorsport West Custom Car Show held at the PNE in April. Several industry representatives showed interest in purchasing customized training from BCIT's Industry Services Department.

**Computer Systems** held a Professional Day at the Robson Square Media Centre in April. Industry seminars focusing on current and future trends in computing were held throughout the day.

Vice president, **Finance and Administration**, Clayton McKinley, attended the following functions on behalf of the Institute in April: Municipality of Burnaby Appreciation Dinner, Association of Canadian Community Colleges National Badminton Championship, hosted by BCIT, Alumni Association Open House dinner dance.

A presentation to the provincial government caucus is being prepared in conjunction with **Public Affairs and Marketing** and **Audio Visual Services**.



## STAFF NEWS

Executive director of Public Affairs and Development, **Martin Hendy**, has taken a secondment leave to work at United Way during May and June. He will be one of 50 loaned representatives from a broad cross section of employers and industry sectors. He will work with the colleges, institutes and school districts in the Lower Mainland. . . . BCIT board member, **Bob Findlay** of MacMillan Bloedel, is chairman of the Loaned Representative Program this year. . . . associate dean of Financial Management, **Gordon Farrell** is BCIT's United Way campaign chairman.

Electronics instructor **Gus Fraser** spent January in Tasmania teaching an Electronics for Teachers program. His hosts were so pleased with his visit that they recently wrote to engineering dean Dave Chowdhury to express their thanks and appreciation. The following is an excerpt from their letter: "**We would like to inform you of the resounding success of the program involving Mr. Frazer. Not only was his presence an inspiration to the teachers who participated but the envy of those unable to avail themselves of this opportunity. Our major industrial sponsor Comalco expressed a great deal of pleasure at being involved in such a successful community project.**"

**Shirley Coomber**, special needs counsellor, has been appointed to the Ministry of Advanced Education, Training and Technology's Adult Special Education Articulation Committee.

Dean of Business, **Michael Harrison** recently addressed the Metrotown Rotary Club on "A Post Graduate Approach to Undergraduate Education". Harrison is also scheduled to speak at the Burnaby Hastings Rotary, the Burnaby Deer Lake Rotary, the Burnaby Rotary and the Vancouver Rotary clubs during May and June. The engagements were arranged by Rudy Spence of the Communication Department.

**Mike Boyle** has returned to the Transsystem Department following a two year professional development leave in Britain, where he worked on the Channel Tunnel project.

**Ron Isaak** has been re-elected chairman of the Canadian Technology Accreditation Board.

Sheet Metal instructor **Ted Kondo** participated as a judge in a contest for sheet metal apprentices in Pasco, Washington recently. One of his apprentices, Brian Kuzek, won the fourth year apprentice trophy.

**Kate Braid**, Carpentry instructor, produced a radio show on Women in Trades which aired across Canada. Copies of the broadcast can be obtained from the Carpentry Shop.

**Dave Huesken**, Mechanical Industry Training coordinator, has departed for Central Africa on assignment for International Education. David is representing Mechanical Industries for the Road Transportation Industry Training project.

**Bill Foyle**, associate dean, Aviation, attended meetings in Houston and

Dallas in support of the work being carried out by the Aviation Task Force on Aircraft maintenance. He also attended a Calgary meeting dealing with personnel shortages in the field of aircraft structures.

Prosthetics and Orthotics instructor **Silvia Raschke's** article on the application of CAD/CAM in spinal orthotics has been published in the Journal of Prosthetics and Orthotics, the leading technical journal in P&O for North America.

**Colleen Varcoe** and **Marnie Simon** of Health Advanced Specialties will be making a presentation on Partnerships in Nursing Specialty Education at the NISOD Education Conference in Texas later this month.

**Brian Curtis** of Operations Management returns to his job in Operations Management this month after a year long educational leave with Health & Welfare Canada.



**Debbie Taylor**

## STAFF PROFILE

**Meet BCIT's Debbie Taylor, Assistant Instructor General Nursing Program**

Debbie Taylor, General Nursing program assistant instructor, is a rarity. She's where she wants to be, doing a job that incorporates her favorite things — teaching, nursing and kids!

"It's never boring," Debbie says of her specialty, Pediatrics/Obstetrics, or Maternal Child. Nor are her students who, aged 21 to 56, have different learning needs and different backgrounds. Debbie especially enjoys the infusion of people from five "remote" areas of B.C. who join her local students in Term Three after completing first year in their own communities.

"They bring to class different views and experiences," Debbie says. "I learn a lot from them."

Vancouver born Debbie's concern and caring extend beyond her profession. Married just after graduation, she has two daughters (three and eight years old), but she makes time for community work. Currently on the District 43 Social Planning Committee, Debbie also teaches Sunday School. Recently she reluctantly opted out of the Port Moody Joint Family Court Committee and the Coquitlam Share Board (a non-profit social service agency), where

she maintains a supportive role, because she wanted "to give more time to my girls."

Although Debbie only became a regular employee in August 1988, she's no stranger to campus having done contract work here. This is also where she did her preceptorship and would have stayed except she'd already accepted a job elsewhere.

But she's back to stay now, the days of contract work at Douglas College, Langara, VGH, Children's Hospital, behind her. And, in keeping with her community commitment, Debbie recently ran for the Staff Society executive, "...partly because Nursing has not been involved in the Society lately.

"And I want to help BCIT move forward."

Director-at-Large Debbie is sure to be an energetic and enthusiastic champion of issues she feels are important. And, given her track record, BCIT and the staff can only benefit from her involvement.

## 23 YEARS OF SERVICE TO ONE FAMILY

*The following letter was received by President Watson shortly after this year's Open House. The writer, Mrs. Ellen Sauve, wrote to say that her family had achieved something of a record with regard to BCIT.*

**President Watson — BCIT:**

Well, I thought I'd better write to you all this morning about our experiences with BCIT Open Houses.

We were all living in North Vancouver in spring, 1966 when you had your first Open House. We were all there for it as our eldest son Norman was in his first term of the Electronics Technology. We toured mostly the Electronics classrooms. We were there again in 1990! Spent most of the Sunday there, mostly in the Electronics department again. Now, our youngest son Robert is at BCIT, in second term of the Electronics Technology. We think this is quite a record for one family — 23 years of association with BCIT. I'm sure you all will too.

We thank you and all concerned very much for running such an institution in our area!

Yours truly  
**Mr. and Mrs. J. Sauve**

P.S. Later, when it was all over, I couldn't help telling my husband, as they do say, things just get bigger and better!

## STRACHAN ANNOUNCES INCREASE IN STUDENT ASSISTANCE PROGRAM

Advanced Education, Training and Technology Minister Bruce Strachan has announced that more money will

*cont. . . .*



be available to students in 1990/91, thanks to a significantly improved British Columbia Student Assistance Program.

In response to increased student borrowing, the British Columbia Student Loan lifetime limit has been increased by 20 percent from the current \$25,000 to \$30,000. This is the first such increase since 1988.

In addition, the maximum amount of award money a student may receive has been increased from \$200 to \$210 per week of study for students without dependents, and from \$300 to \$315 for students with dependents. The government is committed to ensuring that students receive the necessary funding to supplement their own resources.

"Although the federal government has not upgraded the Canada Student Loan Program since 1984, these changes are aimed at keeping pace with inflation within our own student financial assistance program," Strachan commented.

To offset increased costs in those areas, the maximum book and supply allowance has been increased by 25 percent, from \$1600 to \$2000.

"These improvements are designed to help students cope with rising costs and inflation," said Strachan. "They are vital if we wish to safeguard the quality of advanced education in this province. They reflect a well designed, flexible program that can be revised to meet changing circumstances."

## VIDEOS AVAILABLE IN THE LIBRARY

### **Smoking Against Your Will (vc1316)**

Examines current medical research on the effect of the many harmful ingredients absorbed into the bloodstream when side-stream smoke is inhaled. Discusses the social issues involved, such as the preferential hiring of non-smokers, the rights of both smokers and non-smokers, and the recognition of the need for clean indoor air legislation.

### **The American Cancer Society's Freshstart (vc1487)**

Brings together expert advice from physicians, psychologists and ex-smokers to help smokers cope with physical dependency, habit and psychological addiction in order to kick the habit.

### **Larry Hagman's Stop Smoking For Life (vc3073)**

Uses the latest and most effective motivational and behavior modification techniques to help viewers stop smoking in a seven day program.

### **Stop Smoking (vc3089)**

Helps you make the firm decision to stop smoking by using hypnosis plus audio and video subliminal suggestions to simultaneously program both the conscious and subconscious mind.

### **Stop Smoking: The Subliminal Way (KIT 1682)**

Tape 1. Recognize your true value.

Tape 2. Call upon your inner strength.

To book any of the above videos, contact the library film booking section at local 8367.

**REMINDER — AS OF  
SEPTEMBER 3 ALL  
SMOKING INSIDE BCIT  
BUILDINGS WILL BE  
BANNED**

## LETTER TO THE EDITOR

At this month's meeting of the Health and Safety Committee an alternate member complained about some of the Committee's actions or inaction.

It was apparent that the complainant was not aware that the Health and Safety Committee is an **advisory** body reporting to the VP Administration; it has no line authority, nor should it have any. Also, it was evident that the individual was not conversant with existing Institute policies governing Occupational Health and Safety, Hazardous Materials and Emergencies. These are clearly set out in appendices to the Institute telephone directory — pp 3-4, 3-5, and 6-1 through 6-6.

Hence this letter — to call the attention of all employees to the role of the Health and Safety Committee and to these policies, and also to point out that there is nothing wrong with a little self-help as a first step in putting something to rights. We should not expect "Big Brother" to think and act for us at all times and in all places.

Roy Strang, chairman  
BCIT Health and Safety Committee

## BCIT GETS UP TO MONKEY BUSINESS

BCIT is about to launch Canada's first Monkey Business Program.

The program is a week long summer adventure for girls and boys in grades seven and eight. Its purpose is to introduce kids to fun experiences with Science, Technology, and Business.

From July 8 to 27, 90 kids from around the province will live in residence for five days to do things like:

- creating animated graphics on computers
- creating shows in TV or radio studios
- building a high performance skateboard in an engineering lab
- playing medical scientist with the latest in interactive videodiscs
- developing a marketing strategy for a dream company, using CAD/CAM equipment to design the product.

The program has been developed by the Canadian Centre for Creative Technology, which has over 10 years experience in developing exciting programs for kids. Their Shad Valley Program is recognized as the best of

its kind for high school students.

If you have a family member or friend who might be interested in the Monkey Business Program, call the BCIT Technology Centre at local 8373.

## Does Your Garden Need Landscaping?

Susan Murray of the Biological Sciences Landscape Horticulture option is looking for five residential properties for student projects this fall and winter.

If your property is within a 15 minute drive from BCIT and is not less than 15 metres wide, it may be eligible for landscape design and possible installation.

Write a brief note describing the property and leave in Susan Murray's mailbox.

*(This service is available only to faculty, staff and alumni.)*

## MESSAGE FROM PARKING CONTROL

Over the past several months security personnel have been re-decalling vehicles in staff parking lots 3 to 7 and 9 to 12 only. If you currently park in one of these lots and still have a brown permit affixed to your windshield, please bring your vehicle to the parking office in portable 2T and we will affix the current blue sticker over your existing one.

**Helen Cartmill**  
Parking Control officer

## LOCAL COMPANY ASSISTS FOREST RESOURCE PROGRAM

**Stihl Ltd. of Richmond** has given (on yearly renewable permanent loan) 14 power saws worth \$600 each to BCIT's Forest Crewperson course.

Roy Strang, associate dean of Forest Resource, is delighted with the news. "We have built a really good relationship with this company and this is one of the benefits," he says. "They also coach our students in the woods on chain saw safety and offer technical training at their Richmond offices." Two of the 12 Stihl Richmond employees are BCIT graduates.

Stihl branch manager, Dave Bulger, says his company is pleased to be able to support BCIT when educational equipment funding is so difficult to obtain.

**Note from BCIT's Development office:**  
**A total of \$25,340 Gifts-in-Kind were received during the month of March.**

The **BCIT UPDATE** is published by the Public Affairs and Marketing Department every second week. Deadline for all submissions (verbal or otherwise) is 4 p.m., Tuesday.

Editor: Trisha Mason, 432-8738  
Printing/Production: Print Services



The President's Comments . . .

JOHN WATSON  
SPEAKS ON:

Banning Smoking Inside All Buildings  
and the Sale of Cigarettes on Campus

Smoking in the workplace has become a very contentious issue. My approach has always been to try and achieve some kind of consensus before taking action. When I came to BCIT I found the non-smokers to be very well organized and the issue of smoking at BCIT seemed ready to go to the next stage. The decision to go with a complete ban on smoking indoors came from the Health and Safety Committee and was based on published articles about the dangers of sidestream smoke in the workplace. I support the ban, but I know there is resistance to it by people who do not wish to give up smoking. I hope that those of us who do not smoke will have some understanding of the problems facing those who smoke and don't want to give it up. Overall, though, this is an issue whose time has come. The rights of non-smokers are now broadly recognized.

Campus Recycling

I was pleased to see this initiative brought forward by the students. Since it involves the whole Burnaby campus and has broad support, I decided to back the plan and have asked BCIT managers to cooperate with the students' efforts. I hope everyone will assist the students to make it work.

Open House

It was my first experience. I was amazed at the breadth of the displays and pleased and delighted at the extent of involvement and enthusiasm. I was impressed that the students put it together largely themselves. It is humbling to walk around and discover how much we teach here, the sophistication of the programs and the level of knowledge. I tried to get to every booth over the three days. I wish visitors to campus could see the displays at any time of the year and have asked that some of the displays be preserved. I did learn, however, that we could do a better job on our signage. I would like to see it improved, not only as a visual guide for getting around campus but also as a way of showing off what we are teaching.

The Campus Master Plan

The Ministry has indicated that it needs to know what our construction priorities are, so at the last Board meeting we sought approval for a plan which will include the Campus Centre, the Food Training Centre renovations and phase one of a general classroom/office block, all to be in the same area. The Board agreed that this should be our first priority because of the underground services already in existence and because this kind of construction would not interfere with the overall development of our specific campus plan. The advantage is that this combination of teaching space with recreation and catering amenities gives us a kind of conference facility on campus.

Government Relations

I think BCIT needs to implant the idea that BCIT is important to the economic well being of the province because of its singular mandate. I think we do this by performing well and informing well. The ideal way for government (M.L.A.'s) to get the message is from their constituents and this will only happen if we can visit those constituents right in their own communities. In future I will be personally visiting chambers of commerce and rotary clubs around the province to put the BCIT message across as effectively as possible. I would eventually like to see deans and board members participate in these sessions.

(John Watson spent one day in Victoria, April 25, talking to Ministry officials about our budget, construction plans and other matters).

Next Term?

We will be putting together some user committees to help with the design of the new buildings. Over the next year or two faculty will need to give some thought to what kind of place they want BCIT to become. The issue of degrees or diplomas and the way we grasp the mandate and the opportunities it gives us are also part of the plan and will need to be addressed. In the fall I hope to begin a process that will ensure faculty's involvement in this.



Ever wonder why something at BCIT is done the way it is? Ever wonder about a policy or procedure being the way it is? Ever feel there was a particular problem with something and you didn't know who you should ask or tell? Wonder no more. Whatever may be bothering you or has aroused your curiosity about BCIT, now is your opportunity to get the answer from the President.

In each issue of Update, we will feature "ASK THE PRESIDENT!", so that whatever your question, all you have to do is fill out the form below, and you will receive a prompt reply. Once your question has been reviewed by the President, he will respond or it will be directed to an appropriate member of the administration or faculty for response and then published in Update. If you prefer, it will remain confidential and the response will be directed to you personally.

ASK THE PRESIDENT!

Date \_\_\_\_\_

Dear President Watson, I would like to know \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

- (Check appropriate box.)
- ☐ I want the response published in Update and my name to be withheld.
  - ☐ I want the response published in Update and you may use my name.
  - ☐ I do not wish the response to be published. Please sent it to me personally and in confidence.

Name \_\_\_\_\_

Campus Location \_\_\_\_\_ Local \_\_\_\_\_

For verification purposes only, you must provide your name in responding.

SEND TO: ASK THE PRESIDENT!, President's Office, Administration Building