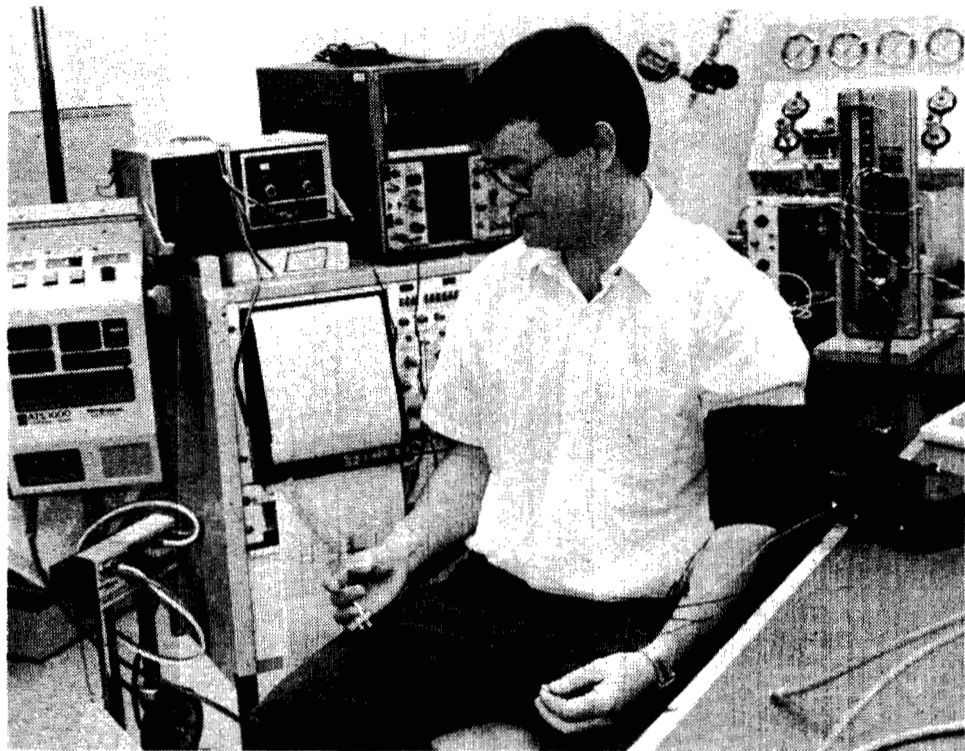


Biomedical proposal unique in Canada



Graduate student Gordon McConnell is developing a better surgical tourniquet for limb surgery. Nerve damage can result if the tourniquet is too tight or too loose. McConnell is devising a system that will keep pressure on the limb at the optimal level.

by Jo Moss

Canada's health care system is in dire need of new medical devices and improved technology and UBC research could meet that need, according to a Faculty of Applied Science proposal to the provincial Funds for Excellence in Education program.

The \$765,000 proposal says creating a biomedical engineering program at UBC to design and develop medical hardware and technology would improve the quality of Canadian health care.

It would also cut soaring national health costs.

Such a program would be unique in Canada, said faculty dean Axel Meisen.

The proposal was put together by representatives from a number of UBC departments and faculties that would be involved in a biomedical engineering venture.

"The whole program would be need-oriented, that's where the initiative is focused," Meisen said. "Even the fundamental research would take place in conjunction with developing medical devices."

UBC has all the basic ingredients for a first-class biomedical engineering program: a close working relationship with several B.C. hospitals and a core of faculty members and graduate students already doing research in related areas.

UBC departments currently involved in biomedical engineering research include: Electrical Engineering, Mechanical

Engineering, Metals and Materials Engineering, Physics (including Engineering Physics), Chemical Engineering and the Faculties of Medicine and Dentistry.

To date, innovative medical technology developed by UBC and Vancouver General Hospital researchers includes an automatic tourniquet, a robotic arm for use in surgery, and a variety of sophisticated monitoring equipment. All are now in use in hospitals and the tourniquet is marketed world-wide.

Emphasis in the biomedical engineering program will be on medical devices with commercial potential to tap the \$2 billion Canadian medical device market. The program could also significantly boost B.C.'s economic development by involving small businesses in the manufacturing and marketing as well as creating high-tech jobs in the industry for program graduates.

UBC stands to gain significantly in revenue derived from patents and licenses.

And the program initiative has been well-received by B.C. companies already operating in the market.

"We've had contact with many businesses and they're very much in favour of the program," Meisen said.

The proposal recommends adding up to 7 new faculty and research associates to broaden UBC's research base and to develop strong graduate activities.

An important link in the program will be the dozen biomedical engineering units located in hospitals around B.C. Staffed by professional engineers who have clinical experience and academic ties to UBC, they will act as a bridge to introduce and test new medical devices, and identify the medical problems that can become research opportunities.

Future researchers may come up with a way to "float" bedridden patients on a mattress of air, or design better and more efficient diagnostic instruments, for example.

Increasing longevity in the population, and the need to use health care dollars more efficiently, will make home care a multi-million dollar market for medical devices in the near future, Meisen said. Small, patient-operated instruments to measure blood pressure, or warn of heart irregularities may be a part of home care services.

"There's also a lot of useful work improving existing technology," Meisen added.

Program start-up costs are estimated at \$550,000 for the first year with an additional \$215,000 for equipment and supplies. Operating costs are projected at \$925,000 annually.

"We would work closely with hospitals to create an effective program and to minimize the need for additional hospital equipment and space," Meisen said.

Meisen said the program is ready to start as soon as additional resources become available.

Bright students lured elsewhere

by Jo Moss

UBC's admissions policy is encouraging B.C.'s brightest students to enrol at other universities, said the chairman of a presidential task force.

The university has a policy of not granting university credit to high school students on enriched academic programs, said chairman of the Task Force on Liaison, Recruiting and Admissions, Vice-President Academic and Provost Dan Birch.

B.C. students graduating from International Baccalaureate and Advanced Placement programs are actively recruited by universities such as McGill, Berkeley, Harvard, Yale, Cornell, Stanford and M.I.T.—all of which subscribe to an admissions policy of advanced credit and advanced placement for these programs.

Simon Fraser University has a similar policy.

The task force has recommended to Senate that UBC follow suit and revise its admissions policy to allow academic departments to assess courses for advanced credit.

It also recommended that students taking university courses while still enrolled in secondary school be allowed to apply course credits to a UBC degree.

On November 18, Senate referred the recommendations to the Senate Admissions Committee for consideration and consultation with the faculties.

Until UBC revises its policy, other Canadian and American universities may look more attractive to high school students who are academic achievers, Birch said.

"UBC ought to be the place that appeals to the brightest and the best. The task force is recommending that students who want to come to UBC not be hampered by artificial

barriers," Birch added.

Birch said the issue of advanced credit and advanced placement has become an important question in provincial education.

"The Advanced Placement program especially has made substantial inroads in B.C. as school districts have begun to look at what they can do for academically motivated students," he said.

This year, more than 800 students are involved in Advanced Placement and International Baccalaureate secondary programs.

Current admissions policy for students applying from these programs to UBC has been to grant no advance credit and to treat each application for advanced standing individually. But with the increasing number of participating students, that approach becomes unwieldy, Birch said.

In the case of students enrolling in a university course while still in high school, they have not, up to now, been granted credit by UBC although a student may be offered advanced placement upon entering the university.

The task force report said that too should change.

If the recommendations are approved, UBC would be one of only three Canadian universities subscribing to such an advanced credit and placement scheme. The other two universities are SFU and McGill.

However both the Baccalaureate and Advanced Placement programs are well-recognized and supported in the United States. More than 200 American universities take part in the Advanced Placement program which has been running for fifty years.

The Baccalaureate program has been operating internationally for 20 years.

Birch said gifted students who take a university course while in high school, should be rewarded by earning the appropriate credits.

"When many universities, among them the best in the United States, give credit for those courses, and UBC doesn't, it suggests that we don't value them as an academic experience," Birch said. "We should encourage schools and teachers who seek to challenge their most academically motivated students."

The task force was set up a year ago to look at all administration and policy matters related to university admissions.

UBC major Asian asset

by Debora Sweeney

UBC is one of Canada's major assets in establishing economic and cultural contact with Asia, according to Vancouver's mayor.

Gordon Campbell made the statement after he travelled to Japan and Hong Kong with UBC President David Strangway in mid November. Campbell said he was surprised and delighted by the number of university alumni his delegation met in Japan.

"One of the things we've got to realize is that for the amount of money that's spent on developing trade between British Columbia and Canada and the rest of the world, many of the key people involved in trade are the alumni who go and live abroad," he said. "As a mayor, I'm interested in having people recognize Vancouver as a centre of learning and culture and as a centre of what I think is the first city of the 'new economy.' It's helpful to have one of the major leaders in that effort and I was pleased to have Dr. Strangway with the delegation.

Campbell believes the trip was such a success, he would like Strangway to accompany him on more trips abroad.

The mayor's delegation met with University alumni in Yokohama and Tokyo. In Yokohama, Strangway also discussed a proposed joint research project between UBC and Yokohama City University which would analyse port cities in the Pacific Rim, comparing Vancouver and Yokohama.

As well, Strangway travelled to Taiwan as the only academic in a delegation of 148 members from the Canadian Chamber of Commerce. It was the largest delegation to visit the country since diplomatic relations with Canada broke off in 1971.

In Taiwan, Strangway spoke on behalf of Canadian universities in support of Canada's business efforts internationally. He stressed the expertise universities have to offer in world markets and their role in training that expertise.

"Dr. Strangway put UBC on the map as a university deeply committed to the internationalization of Canadians," said Larry Sproul, Director of the International Liaison Office who accompanied Strangway on his Asian visit.

This was Strangway's second trip to Asia as president of UBC. He said he hopes to return next year.

Temporary parking set

Temporary parking will be set up adjacent to the Student Union Building in January as construction begins on a new multi-storey parkade.

The 1,005-vehicle parkade, to be built on the site of the current SUB surface lot, will be completed in August, 1988.

Temporary faculty and staff parking is being set up between Wesbrook Mall and McInnes Field, where two outdoor tennis courts are currently located. The courts will be restored after work is finished on the parkade.

The meter parking area and grass turn-about on the north side of the Student Union Building will be paved to provide temporary parking for visitors.

The Library's book return receptacles outside SUB will be removed Jan. 8, but after-hours returns can still be made at the front entrances of all major Library branches.

Georgia Strait sea monster?

by Debora Sweeney

Does the Loch Ness monster have a cousin in the Strait of Georgia?

From the Oregon coast to the coast of Alaska, including B.C.'s Georgia Strait, at least 20 people have reported sighting a sea monster with a giraffe, camel or horse-like head; a long neck; a mane; and humps on its back.

In Victoria in the 1930's, the apparition was named "Caddy" because it was sighted in Cadboro Bay. The most recent sightings were recorded at English Bay in Vancouver and in the Sechelt area of the Sunshine Coast.

People who claim they have seen "a large, unidentified marine animal" are absolutely convinced it is real, according to Dr. Paul LeBlond, head of Oceanography at UBC and the author of a recent federal report on West Coast lighthouses. LeBlond is a director of the International Society of Cryptozoologists, established to investigate reports of unidentifiable species.

"Most people believe their eyes," he said. "There's a vast similarity between what different people have seen in different places along the B.C. coast. There's enough internal consistency and external veracity in the appearance of these people that I don't think they're making up these stories."

The earliest in a long series of sightings reported to LeBlond took place on a September Sunday in 1906.

Philip Welch and a friend rowed their 16-foot boat across Johnstone Strait on the northern tip of Vancouver Island, hoping to catch some trout. The trout didn't bite, but Welch and his friend got far more than they bargained for.

They had rowed half-way across the Strait when "a long neck appeared, approximately 200 yards astern of the boat." Welch wanted

to shoot the creature with his hunting rifle but his companion would not let him, fearing it would attack. While they argued, the creature submerged. They rowed to shore as quickly as they could.

Later, they reported six to eight feet of the animal's long neck was protruding from the water. The head looked somewhat like a giraffe's.

LeBlond said he does not necessarily believe the reports he has received, but he does not disbelieve them either.

"In the sense that I do observations on the oceans, I wouldn't have to go on the basis of belief or disbelief that I'm going to find something," he said. "And yet, the word belief smacks too much of acceptance without sufficient proof. I would rather say I'm curious and I pursue my curiosity like scientists are supposed to do."

Colin Cole is a believer. On a summer day in 1985, Cole was sitting on his waterfront verandah at Roberts Creek near Sechelt, eating a late afternoon meal.

"About a half a mile out from the shore, I thought I saw a man standing in the prow of a boat, which seemed to be an odd place to stand because the water was fairly rough," said Cole. "I grabbed my binoculars and saw that what I thought was a man, was about a six foot long neck. The thing's head looked something like a dinosaur's and what I thought was the boat was about a 12 to 14 foot long body."

Cole said he has lived in his waterfront home for years and can identify sea life, but he had never seen anything like that.

"As far as I'm concerned, there's no doubt there's something out there," he said. "I still look for it. It took me 70-odd years to see the first one -- it might take another 70 to see the next one."

LeBlond has never seen a sea monster, although he has travelled to Scotland and to B.C.'s Okanagan, hoping to catch a glimpse of the Loch Ness monster and the Ogopogo. He compares looking for sea monsters to piecing together a puzzle, but in this case, "they don't show you the final image on the box."

"If once a year people saw a dozen of them, it would be easier to live with because then you could say, well, they're migratory animals and they'll go back to the bottom of the ocean somewhere. But, we have one here this year and one there the next year, so what are they doing?"

LeBlond published his first report on the strange sightings 14 years ago. Since then, he has pursued numerous leads and is currently investigating two sightings.

Daycare hits snag

by Lorle Chortyk

Faculty Association support of UBC's new daycare facility hit a snag last Thursday when only 55 members turned up at a general meeting to vote on a proposed donation of up to \$40,000. The association's executive will meet today (Dec. 3) to discuss future action on the motion.

The donation is for a new facility to replace campus daycare huts that have been condemned as of April 1 next year. The Alma Mater Society, the university administration and private donors have already pledged support for the \$1.2 million facility.

Although the notice of motion that went to the Nov. 26 meeting called for a \$30,000 donation, it was amended to \$40,000 by the members. If approved, the association would donate \$20,000 and provide up to an additional \$20,000 by matching donations made by individual faculty members.

Faculty Association president Joost Blom said he's received requests from 25 members for a special general meeting to discuss the issue. The meeting could be held before Christmas.

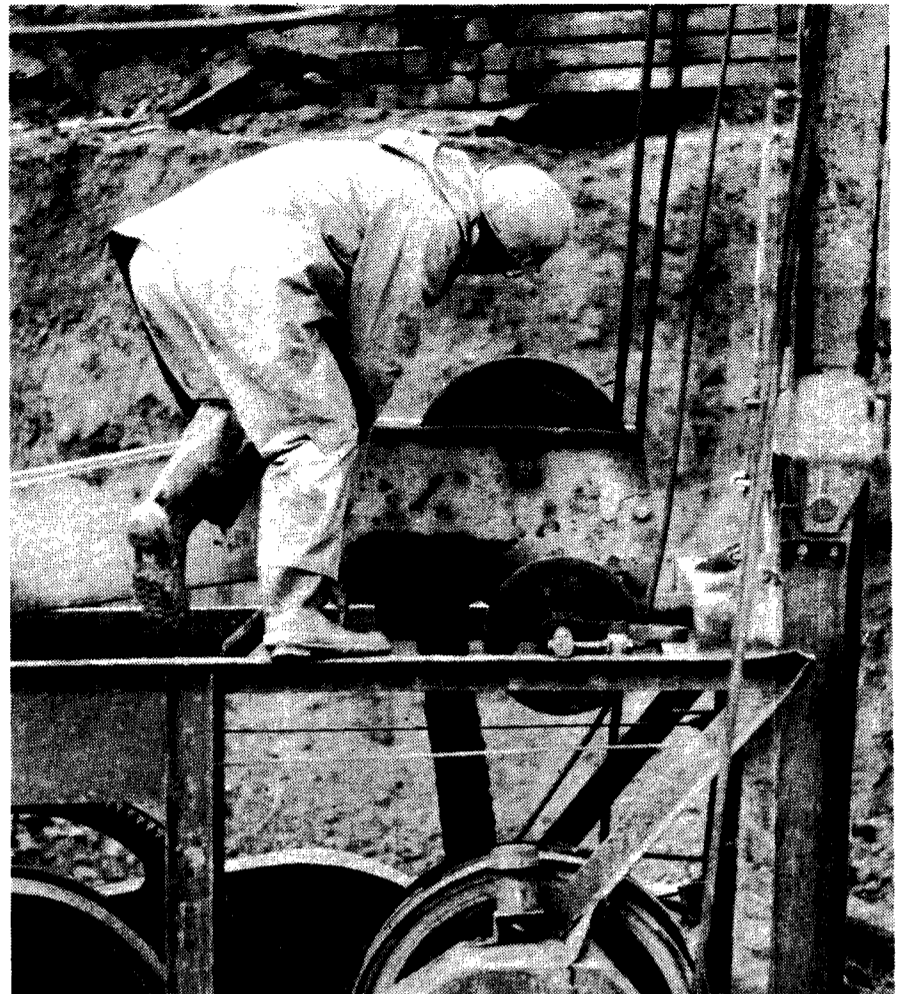
UBC daycare coordinator Mab Oloman said she was encouraged by the support voiced for daycare at the association meeting, particularly from faculty who don't have children or are no longer daycare users.

But Blom said a few members are concerned about using association funds to support a service that's used by only a minority of the membership. He said he's received requests for a mail ballot vote.

"Some people felt that a donation as large as this should be voted on by mail ballot, which reaches all members, instead of at a general meeting, which only a handful of members attend."

Correction

A story which appeared in the Nov. 20 issue of UBC Reports regarding UBC degrees offered overseas was incomplete. In addition to the adult education program offered in Brazil, the Faculty of Education also offers Diplomas in Education with specializations in English Education (Hong Kong); Adult Education (Hong Kong, Singapore); and Curriculum and Instructional Studies (Brazil). A specialization in Library Education will be offered in Hong Kong in 1988.



Construction on UBC's \$16 million Chemistry/Physics building is right on schedule. Work crews have been digging a huge hole, dubbed "the swimming pool" after a recent bout of wet weather, and soon will be ready to lay the foundation for the building.

Modi donates prize

Prof. V.J. Modi of the Department of Mechanical Engineering has donated a recently won Killam Research Prize and made a personal contribution to establish a \$25,000 graduate student scholarship in his department. The Killam Prize is awarded to faculty members who have shown outstanding scholarly achievement in their work.

Dr. Modi received the award for his engineering research in a variety of areas, including artificial heart valves, spacecraft design, safer offshore oil drilling platforms, high performance airplanes and the use of wind energy for third world irrigation projects.

The new scholarship will be awarded for the first time in 1988-89.

* * *

A UBC alumnus is one of two MacMillan Bloedel scientists who have been awarded the forestry equivalent of an Olympic gold medal--the Marcus Wallenberg prize.

Mark Churchland and Derek Barnes will be presented the award next June by King Carl XVI of Sweden in recognition of their invention and development of Parallam PSL--an extremely strong wood-based construction material.

Tests have shown Parallam products can exceed the stress, load and strength of any other wood product.

Churchland, a physicist, obtained his BSc, MSc, and PhD. from UBC. He joined MacMillan Bloedel in 1974. Barnes has an MBA from Simon Fraser University.

The Marcus Wallenberg Foundation Prize was established in 1980 by a Swedish firm Stora Kopparbergs Bergslags AB to commemorate Marcus Wallenberg, the country's most renowned industrialist. To date, three of the seven prizes awarded have gone to Canadians for outstanding achievements in forestry or the forest industry.

* * *

Lawyer and lecturer in the faculty of Commerce, Gerald Smeltzer, has joined UBC's fund raising team as Corporate and Foundation Officer.

In his new role in the Development Office, Smeltzer will seek corporate and foundation partners for UBC's upcoming capital campaign, and coordinate the flow of dollars to the university. He will also act as a resource to deans, faculty members, and researchers on campus.

"By linking UBC's strengths and needs with corporate and foundation goals, we can strengthen UBC's first-class reputation," he said.

Smeltzer's research interests include computers and the law, copyright and patenting. He has been a practising lawyer and consultant.

He will retain a part-time teaching appointment in the Commerce faculty.

* * *

Bruce Macdonald has been appointed director of UBC's Botanical Garden. Macdonald served as assistant director of the garden from 1980 to 1985 and has been acting director since September, 1985.

Educated at the University of London, Macdonald worked in England at the Glasshouse Crops Research Institute and the Hadlow College of Agriculture and Horticulture for 14 years before joining UBC.

He is known internationally for his publications on plant propagation and has played a key role in the development of UBC's Plant Introduction Scheme.

Campus winds down as Christmas approaches

by Jo Moss

'Tis the season to be jolly and as campus activities wind down for Yuletide some UBC facilities will be closing or reducing hours of operation.

Tomorrow, Friday, Dec. 4, is the last day of classes for most faculties, with exams beginning Monday, Dec. 7. The university will be closed Thursday, Dec. 24 in lieu of Boxing Day; Christmas Day, Friday Dec. 25; and New Year's Day, Friday Jan. 1. Second term for most faculties begins Monday, Jan. 4.

If the festivities begin to weigh heavily on the waistline, the UBC Aquatic Centre will be open and in full operation until Dec. 20. Public swims will run most days from 1 to 5 p.m. and 7 to 10 p.m. except for Dec. 24 and 31 when there will be no evening swims. The centre will be closed Dec. 25, 26 and Jan. 1. It resumes normal hours of operation Jan. 4. More information can be obtained at 228-4521.

Skating, hockey, squash and racquetball will be available on a limited basis during the holidays at the Thunderbird Winter Sports Centre. The ice rinks and Thunderbar will be closed Dec. 24, 25, 26, 31 and Jan. 1. Courts for racquet sports are open 7:15 a.m. to midnight every day except for Dec. 24, 25, 26 and Jan. 1. The Thunderbar will be open on a limited basis Dec. 21 to 30. For more information call 228-6121.

The Museum of Anthropology will maintain regular hours throughout the Christmas period, closing only on Dec. 25 and Dec. 26. Museum

galleries will be open Jan. 1, New Year's Day. For information on seasonal public programs call 228-5087.

It's business as usual at the UBC Bookstore which will remain open until 8:30 p.m. Dec. 23. The Bookstore will close for just five days during Christmas: Dec. 24 to 27 and Jan. 1. More information can be obtained at 228-4741.

Dec. 4 is the closing date for some Food Services snack bars: Arts 200, Edibles, and Ponderosa. The Grad Centre Lounge, IRC snack bar, Subway cafeteria and Yum Yum's close Dec. 18, but the Barn coffee shop will be open another four days closing Dec. 22. All Food Services outlets re-open Jan. 4.

To locate a fresh cup of coffee over the Christmas period try the Bus Stop Coffee Shop which will be open Monday to Friday 7:30 a.m. to 3:30 p.m. It will be closed Dec. 24, 25, 26, 27 and Jan. 1 only.

Christmas goodies are available from the Food Services Christmas Bakeshop located in the Lower Ponderosa. For more information call the Bakeshop at 228-5717.

Main Library, Woodward Library and the Law Library will have extended hours during December. More information can be obtained from 228-2077 or 228-6375. All UBC libraries will be open Dec. 21 to 23 and Dec. 28 to 31. They will be closed Dec. 24 to Dec. 27 and Jan. 1 to Jan. 3. Normal hours resume Jan. 4.

The staff at UBC Reports would like to extend to all our readers a warm season's greetings. Next issue of UBC Reports is Jan. 14.

Computer "referee" sets the ground rules

by Jo Moss

Imagine being able to get the latest shopping information and restaurant menus from around the world right on the family television set.

A group of UBC researchers is collaborating with a Canadian electronics company to help develop just that kind of underlying technology.

If successful, it has the potential to take computer communications into the next generation.

The group is developing a suitcase-sized device to test computer protocol systems--the complex set of rules by which computers talk to each other. The difficulty in implementing protocol systems on a global basis is what has prevented computerized shopping from being linked up world-wide.

"It will be the best product of its kind in the world to do what it's supposed to do," said Bill Davis, Executive Vice-President of Research and Development at IDACOM Electronics Ltd., an Edmonton-based company that is jointly funding the \$3 million, three-year project.

If the research group can stay ahead of competitors, it may also be the first.

Davis moved out to Vancouver to work full-time with UBC researchers. He's one of five IDACOM employees cooperating with five UBC faculty members from Computer Science and Engineering on the venture.

IDACOM is the only Canadian manufacturer of protocol testers. The company approached

UBC to help develop the advanced technology needed for the line of future products.

"IDACOM was attracted by the expertise of faculty at UBC, people like Gary Neufeld who is well-known for his research on electronic mail systems," Davis said.

Other research strengths are protocol software, computer architecture and VLSI (chip) design.

"We're trying to merge expertise," explained Electrical Engineering professor Mabo Ito, the UBC project leader. "IDACOM brings the knowledge of market requirements, manufacturing specifications and implementation. UBC has the leading edge research."

The third partner in the project, which began in February this year, is LSI Logic of Canada, a company that fabricates specialized integrated circuits.

With the help of a \$1 million grant from the NSERC Co-operative Research and Development Program, their one joint goal is the advancement of knowledge in protocol testing.

To exchange information, computers have to share the same communication language, or protocol. Many models on the market don't have that ability.

The situation is comparable to hockey teams each adopting a different set of complex game rules. If teams in one region agreed on adopting one particular set of rules, there might be local games. But unless all the teams agree on all the same rules, there could be no

international play.

With the rapid increase in global communications, the computer industry is taking a harder look at communication compatibility. Organizations that set protocols in the industry are moving towards a wider application of those standards.

"Many countries are spending millions of dollars on conformance testing because conformance to common standards is so important," Davis said.

One group, the International Standards Organization, has established an international protocol system--a set of standards by which computers world-wide can transmit information to each other.

But the complexity of implementing these kinds of protocol systems on a global basis calls for highly-specialized devices and software to verify computers meet those specifications. That's where the UBC/IDACOM collaborative project comes in.

The new protocol test device with supporting hardware and software currently being researched and developed will ensure every team plays by the same rules.

Developing the technology for the device to do all that at extremely high speeds, is one problem the research team must solve.

Computer data communications can run at rates of 10 million bits per second--a speed fast enough to fill a floppy disc on a home PC in eight seconds.

Another problem is adapting abstract

theory to hardware implementation, Ito said.

The research end-product will be a small, portable device that can be used anywhere, by a service person to tap into a computer line for example. Manufactured by IDACOM, it will be marketed world-wide.

Although there is a commercial objective, Davis said IDACOM recognizes the value of fundamental research in the transfer of technology.

"The whole computer business is based on so-called pure research that people did in the past," he said.

"This is one of the most significant research efforts in Canada working towards that kind of protocol technology, and a key element is the fact that IDACOM and UBC researchers are able to work on this project together in the same place," Ito said.

Future applications of this research will go beyond global telecommunications. Once world-wide protocol standards become fully operational, Davis predicts that paper mail will become obsolete. Instead, all letters will be sent and received on the computer.

Improved fax machines will be able to send not just written words, but voice messages, even videos.

UBC's new Centre for Integrated Computer System Research (CICSR) and the Research Services and Industry Liaison Office played key roles in helping to get the protocol testing project off the ground.



CITR's public affairs coordinator Dave Campbell takes a turn at DJ duty.

Unique radio station celebrates 50 years

by Lorle Chortyk

UBC's student-run radio station CTR doesn't bear much resemblance to a commercial radio station -- or other campus radio stations for that matter.

That's the secret of its success.

CITR -- 102 on the FM dial -- celebrated 50 years on the air this year, offering a unique brand of alternative programming that's drawing listeners away from other Vancouver stations.

"We're not trying to duplicate what other stations are doing, we're offering listeners something they can't get elsewhere," said station manager Harry Hertscheg.

Featuring tunes by artists such as Red Lorry Yellow Lorry, The Nerve Tubes, Shriekback and African Head Charge, the station has attracted not only a growing audience in the Lower Mainland but national attention as well.

In January the national magazine *Flare* named CITR in its 1987 list of "What's Hot" in Canada, and in Linda Frum's recently published *Guide to Canadian Universities* the station was listed as one of the main attractions of coming to UBC.

In addition to its alternative music focus, CITR fills the airwaves with programs ranging from jazz to African folk music to country and western, as well as a wide range of public affairs and news shows.

"There's very little on the radio that compares with CITR's diversity and creativity," said Karen Dundas, a Vancouver listener. Another CITR fan, Diana Van Westen, agrees.

"I'm an avid listener of alternative music and I think CITR is the most enjoyable of all. "We don't cater to one demographic group the way private radio does," said Hertscheg.

"Our listeners range from 14 year olds to university professors. And since we don't rely on advertising for our budget we don't have to stick to some nice safe format that will keep our audience on board.

More than half of CITR's annual \$100,000 budget comes from the Alma Mater Society. The rest is raised through dues paid by the station's 300 members and profits from CITR's mobile sound unit.

Hertscheg said the key to CITR's success is the "creative chaos" that results from a station controlled entirely by students.

"Most of the students here don't even want to go into radio as a career. They want to do radio now, their way, not prepare for something five years down the road.

Hertscheg adds that the radio society is one of the few student groups that reaches beyond the campus.

"We have a lot of community involvement, we run public service announcements for non-profit organizations, we travel around the city with our mobile sound unit and we distribute 17,500 copies of our magazine *The Discorder* every month. A lot of people know UBC through CITR."

One of the downsides to CITR is the station's broadcasting power of 49 watts. The station can be picked up in all parts of the Lower Mainland on cable 102, but only areas at higher elevations in the city or directly in line with the station's signal have good reception.

Hertscheg said seeking increased power is a priority as CITR heads into its 51st year.

"UBC is a commuter campus and we'd really like to reach students as they're driving to and from campus.

"But at 49 watts its hard to hit a moving target."

Counselling revamped

by Lorle Chortyk

Disabled students at UBC can expect better services than they've received in the past, according to Student Counselling and Resources director, Ken Kush.

Kush was responding to comments in recent issues of *The Ubyssy* which criticized his move to make all counsellors on his staff available to disabled students instead of having one "special needs" counsellor.

"We're not taking services away from disabled students, we're expanding them," he said. Kush said the change in service to disabled students is part of a reorganization of the department.

"For years the counsellors in this department have been involved in a whole range of tasks in addition to counselling," said Kush. "I don't think it's appropriate for them to be doing things like recruitment and orientation because it's a poor use of their expertise. These tasks are now being handled by other staff, both in this department and in other offices on campus."

Kush said it was important to distinguish between counselling services and student services.

"We've just hired a part-time coordinator, Janice Del Valle, to handle disabled student services. Her role is to provide help with practical problems that arise in day to day activities on campus, such as making alternate arrangements if an exam is scheduled in a room that's not wheelchair accessible, making hearing devices available to hearing impaired students or distributing materials for note-taking for a visually impaired student," said Kush.

"But this type of service is distinct from a counsellor's role. If a student, disabled or otherwise, is having emotional problems, or is suffering from stress or needs career guidance, that's where the expertise of a trained counsellor comes in.

"If a counsellor isn't able to deal with a student's problems because the individual is disabled, or is a foreign student or whatever, then there's something wrong with the level of service being offered by the department. A good counsellor is trained to deal with all situations and all types of students."

But Lee Grenon, president of the Disabled Students Society, has doubts that all the department's counsellors have the skills and experience to deal with what he terms the "unique" problems of the disabled.

"The disabled community encounters physical and attitudinal barriers that other students don't face," he said. "A special needs counsellor is sensitized to these problems and can offer advice based on experience in dealing with the situations on a regular basis."

Although Grenon is pleased with the appointment of a coordinator for disabled student services, he said the administration doesn't seem to appreciate the need for specialized counselling.

Kush doesn't like the idea of singling out disabled students as "special cases."

"I don't think it's fair to treat disabled students as if they aren't normal. You can deal with problems that are unique to their situation without segregating them from the mainstream."

This model of counselling is being adopted elsewhere in Canada as disabled students fight to blend into the student body rather than being marked as different.

In a story in *The Ubyssy* (Nov. 20), Patricia Demianschuk, past president of the disabled student association at the University of Calgary, said it was difficult to get students involved in the society because they "weren't interested in marking themselves as a disabled group."

Kush said the focus of the counselling department is to help students become "active agents" in their own lives.

"I don't think you're helping any student, regardless of his or her situation, if you merely do things for them," he said. "A good counselling centre shows people how to help themselves, how to focus their lives and how to cope."

Kush said an on-going evaluation of the department is being carried out.

The new model for the centre includes improved counselling services, educational workshops targeted to specific campus groups, a training component for students earning degrees in counselling, and research activities to evaluate the effectiveness of services being offered.

T'Birds loss "humiliating"

"It was a bloody humiliation," said Thunderbird football coach Frank Smith about the Vanier Cup game Nov. 22 in Toronto.

Despite an impressive overall record this season, the 'Birds lost to the McGill Redmen 47-11.

Smith summed up the game in two words--"physical intimidation". UBC was leading 3-0 until halfway through the second quarter when McGill started scoring.

"The troops dropped their rifles and ran for the hills," Smith said.

The 1986 Vanier champions, the Thunderbirds were the favorites for this year's game.

Smith got some consolation in Toronto, he was named the 1987 Coach of the Year in Canadian University Football and awarded the Frank Tindall trophy. It is the second time he has won the award.

Now in his 14th year as head coach of the Thunderbirds, Smith, has seen 32 players from UBC go on to play in the Canadian Football League. Thunderbird teams have won two National Championships, made four Vanier Cup appearances, and won five Western Intercollegiate Football League Championships under his program.

UBC Calendar

SUNDAY, DEC. 6

International House Children's Christmas Party

Singing and puppets, clown, Santa Claus with goods for kids. Everyone with children welcome. Tickets must be purchased in advance. For information call 228-5021. International House, 1783 West Mall. 12:30 p.m.

UBC Community Concert Band

Sponsored by Continuing Education. Directed by Martin Berinbaum, School of Music. For information call 222-5254. Old Auditorium. 3:30 p.m.

MONDAY, DEC. 7

B.C. Cancer Research Centre Seminar

Incidence of Laryngeal Cancer by Anatomic Subsite. Dr. Paul Yang. Epidemiology, University of Washington and Epidemiology, Biometry & Occupational Oncology, B.C.C.R.C. Lecture Theatre, B.C. Cancer Research Centre. 12 noon.

Graduate Student Society Video Night

Double bill, 5:30 Clockwise, 7:30 Brazil. Free. For information call 228-3203. Fireside Lounge, Grad Centre. 5:30 and 7:30 p.m.

TUESDAY, DEC. 8

Anthropology and Sociology Seminar

Ideology, Popular Culture and Cultural Politics. Dr. Jim McKay, Anthropology and Sociology, University of Queensland, Australia. For information call 228-3670. Room 207-9, ANSO Building.

Language Education Research Colloquium

National Core French Study: Implementation of A Curriculum Change. Drs. R. Roy and A. Ardanaz, Language Education. For information call 228-5232. Room 105, Ponderosa E. 12 noon.

Language Education Research Colloquium

Amusement Tests for French Immersion Programs. Dr. R. Roy & Ms. M. Trites. For information call 228-5232. Room 105, Ponderosa E. 12 noon.

Research Centre Seminar

Experimental Repair of Nervous System Tissue. Dr. Mike Politis, Orthopaedic Surgery. Refreshments at 3:45 p.m. Room 202, Research Centre, 950 W. 28th Ave., Vancouver. 4 p.m.

Classics and Archaeological Institute of America, Vancouver Society Lecture

The Mystery of Theodoros's Tomb at Ravenna. Christopher J. Simpson, Visiting Professor, Classics. For information call 228-2889. Lecture Theatre, Museum of Anthropology. 8 p.m.

WEDNESDAY, DEC. 9

Graduate Student Society Bridge Club

For information call 228-3203. Fireside Lounge, Grad Centre. 8 p.m.

Graduate Student Society Music Night

Featuring Eclectic Cellist Kira Van Deusen. For information call 228-3203. Fireside Lounge, Grad Centre. 8:30 - 11 p.m.

THURSDAY, DEC. 10

REVISED CALENDAR DEADLINES

As this issue of UBC Reports is the last one for 1987, revised calendar deadlines will be in effect for the next issue Jan. 14, 1988 covering the period Sunday Jan. 17 to Saturday Jan. 31. Deadline for all calendar items and notices is 4 p.m. Wednesday, Jan. 6.

Computer Science Colloquium

Applications of Matrix Searching to Dynamic Programming. Dr. Maria Klawe, Research Staff Member, IBM Research Div., Almaden Research Center. For information call 228-3061. Room 310, Computer Sciences Building. 11:30 a.m.

Medical Grand Rounds

Nocturnal Ventilatory Support Who and How. Dr. Road, Respiratory Division, HSCH. Room G-279, Lecture Theatre, HSCH. 12 noon.

General Seminar

An Analysis of the Development of National Policy on Daycare. Dr. Glenn Drover, Director, School of Social Work, and Dr. Hillel Goelman, Language Education. For information call 228-2593. Ponderosa Annex H, Room 123. 12:30 p.m.

FRIDAY, DEC. 11

Computer Science Colloquium

Probabilistic Analysis of Concentrators. Dr. Nicholas Pippenger, IBM Fellow, IBM Research Div., Almaden Research Center. For information call 228-3061. Room 310, Computer Sciences Building. 11:30 a.m.

Chemical Engineering Seminar

The Performance of Turbulent Fluidization. Mr. G.L. Sun, Graduate Student. Coffee at 3:15 p.m. Room 206, Chemical Engineering Building. 3:30 p.m.

Graduate Student Society Beer Garden

For information call 228-3203. Fireside Lounge, Grad Centre. 4 - 7:30 p.m.

Graduate Student Society DJ Night

Dance to sounds of DJ Kelly Smith. For information call 228-3203. Fireside Lounge, Grad Centre. 7 - 12 p.m.

SATURDAY, DEC. 12

Graduate Student Society Family Christmas Party

With well known Vancouver entertainers Fools Theatre. Cost of \$5 includes food and entertainment, please bring \$3 value present for gift exchange. For information call 228-3203. Garden Room, Grad Centre. 1 - 3 p.m.

SUNDAY, DEC. 13

French Conversational Program

All-day French conversational program. \$80 includes lunch and dinner. For information call Language Programs & Services, Centre for Continuing Education, at 222-5227.

MONDAY, DEC. 14

B.C. Cancer Research Centre Seminar

Regulation of Cytokine Gene Expression. Dr. Vernon Paetkau, Immunology, University of Alberta. Lecture Theatre, B.C. Cancer Research Centre. 12 noon.

WEDNESDAY, DEC. 16

Graduate Student Society Music Night

Featuring lively Latin American accordion-guitar duo of Doug Schmidt and Anton Kolstee. For information call 228-3203. Fireside Lounge, Grad Centre. 8:30 - 11 p.m.

THURSDAY, DEC. 17

Medical Grand Rounds

An African Lecture Tour. Dr. Calne, Acting Head, Medicine, HSCH. Room G-279, Lecture Theatre, HSCH. 12 noon.

SUNDAY, DEC. 20

Dedication Celebration of Newly Renovated Building

Sponsored by Vancouver Hillel Foundation. Ceremony, live music, refreshments. For information call 224-4748. Hillel House. 2:30 p.m.

TUESDAY, DEC. 22

Research Centre Seminar

The Essential Nature of the Ciliary Transport in the Oviduct. Dr. Peter McComb, Obstetrics & Gynaecology. Refreshments at 3:45 p.m. Room 202, Research Centre, 950 W. 28th Ave., Vancouver. 4 p.m.

FRIDAY, JAN. 8, 1988

Health Care & Epidemiology Rounds

The Psychological Predictors of Survival in Women with breast Cancer. Dr. Nancy Waxler-Morrison, Anthropology/Sociology and Social Work, UBC. Dr. Greg Hislop, Epidemiologist, Cancer Control Agency of BC. For information call 228-2772. Room 253, Mather Building. 9 a.m.

Faculty of Commerce Policy Workshop

Industrial Organization and Takeover Strategies. J. Brander and R. Giammarino (joint with Finance), Faculty of Commerce. For information call 224-8475. Penthouse, Henry Angus Building. 3:30 p.m.

MONDAY, JAN. 11

Mechanical Engineering Mech 598 Seminar

Dynamics of Offshore Platforms. A. Ele, Graduate Student. Dynamics of Flexible Orbiting Platforms with MRMS. H. Mah, Graduate Student. For information call 228-4350. Room 1215, Civil and Mechanical Engineering Building. 3:30 p.m.

TUESDAY, JAN. 12

Language Education Research/Early Childhood Research Colloquium

Publishing Educational Research. Drs. V. Froese, W. Bruneau, J. Belanger & G. Dixon, Faculty of Education. For information call 228-5232. Room 105, Ponderosa E. 12 noon.

Oceanography Seminar

Numerical Simulation of atmospherically forced circulation in the southern Beaufort Sea. Dr. P. Budgell, Institute of Ocean Sciences, Sidney, B.C. For information call 228-3278. Room 1465, Biological Sciences Building. 3:30 p.m.

FRIDAY, JAN. 15

Health Care & Epidemiology Rounds

Cost Effectiveness Review of the Diagnosis & Treatment of Hypercholesterolemia. Dr. Jiri Frohlich, Pathology, Shaughnessy Hospital. For information call 228-2772. Room 253, Mather Building. 9 a.m.

NOTICES

UBC Fine Arts Gallery

Thirty Years of Design on the Land: The Work of Sasaki Associates Inc. Now to Dec. 18. Tues.-Fri. 10 a.m. - 5 p.m. Sat. noon - 5 p.m.

Botanical Gardens Christmas Sale

All proceeds go to the Botanical Gardens. For information call 228-4186. Dec. 9: 3 - 8 p.m., Dec. 10-13: 11 a.m. - 7 p.m. Botanical Gardens, 6501 N.W. Marine Drive.

Christmas Booksale

UBC Press annual Christmas booksale and show of award-winning books. Faculty Club, Lower Lobby. Wed., Dec. 9 - Tuesday, Dec. 15. 11 a.m. - 2:30 p.m.

Damaged Books for Sale

Damaged books for sale at rock bottom prices. UBC Press warehouse, 6320 Agricultural Road (basement of Bus Stop Cafeteria). Dec. 7 - 9. 10 a.m. - 4 p.m.

Nitobe Memorial Garden

Open Monday to Friday 10 a.m. - 3 p.m. No charge. Closed weekends.

Botanical Garden

Open daily 10 a.m. - 3 p.m. No charge.

Language Exchange Program

This program is for those interested in learning foreign languages or in exchanging a foreign language for English. Call International House between 9 a.m. and 5 p.m. Monday - Friday at 228-5021.

Statistical Consulting and Research Laboratory

SCARL is operated by the Department of Statistics to provide statistical advice to Faculty and graduate students working on research problems. For information call 228-4037. Forms for appointment available at Room 210, Ponderosa Annex C.

Student Counselling and Resources Centre

'Students Helping Students' is a service that provides disabled students with assistance in disability-related tasks affecting school. For information call 228-4840.

Fitness Appraisal

Physical Education & Recreation, through the John M. Buchanan Fitness and Research Centre, is administering a physical fitness assessment program to students, faculty, staff and the general public. Approx. 1 hour. \$25, students \$20. For information call 228-3996.

Parents Wanted

For Psychology research project. Parents of children aged 5 to 12 years are wanted for a project studying parenting. Approx. one hour. Contact Dr. C. Johnston, Clinical Psychology, 228-6771.

Registrar rebuttal

Editor,

I must take severe exception to what Dr. Stanley Oberg was quoted as saying in UBC Reports of 20 November. It simply is not true, especially in regard to the late and much missed Ken Young, that "Previous registrars didn't provide good student services or ever ask for resources".

Mr. Young was noted for the firm but fair and caring way he treated students. I remember vividly how he mourned the reduction of the effectiveness of his office - due to severe cutbacks instigated by the administration in spite of his best efforts. From my perspective, Ken knew this University and the operations of his office in a way which we may never see again, sadly.

Apparently, as your report continues, the Registrar's Office is now to focus upon "marketing". So why not just give the whole thing over to the Community Relations Office which, unlike the Registrar's Office and other academic functions, has lately enjoyed the first and fullest access to the purse.

James O. Caswell
Assoc. Professor and Head
Department of Fine Arts

UBC Reports is published every second Thursday by UBC Community Relations 6328 Memorial Road, Vancouver, B.C. V6T 1W5, Telephone 228-3131.
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LETTERS TO THE EDITOR

Editor,

Your lead story "Registrar overhaul needed" in the November 20 issue deeply offends. Surely there are more effective ways for UBC Reports to contribute to morale and that sense of community and pride that are so essential if we are to achieve our objectives.

We understand that the President's Task Force on the Registrar's Office, the subject of your story, has yet to report.

William A. Webber, Dean of Medicine
Robert M. Will, Dean of Arts

* * *

Editor,

I know I have the support of many members of the University community in writing to you to take exception to the remarks attributed in the Nov. 20 edition of UBC Reports to Dr. Stanley Oberg, who is quoted as saying that "Previous registrars didn't provide good student services or ever ask for resources."

Had Dr. Oberg had formal or informal contact with the late Kenneth Young or his predecessor, Jack Parnall, he would have known that both those registrars were acutely conscious of the need for good student services and that they made every possible effort to provide them. Both also pressed for improved liaison with schools and the resources that would enable the University to provide those services. The University, in its

wisdom, has chosen to divorce student counselling and contact with high schools from the Registrar's Office, and to entrust this function to a separate unit. It is, therefore, rather unfair to tar former registrars with the brush of providing poor services in areas where they have no responsibility.

Quite apart from this, my personal association with the University administration over a period of 30 years left me with the firm opinion that the functions of the Registrar's Office, particularly as they related to students, were administered with an evenhandedness and fairness that earned both Mr. Parnall and the late Mr. Young reputations as two of the "good guys" at UBC.

If blame for the current state of the Registrar's Office is to be assigned, it should be laid at the door of government fiscal restraint. In the period from 1980 to 1985, when the University's budget was either static or cut annually, a hard-pressed administration had to make difficult decisions about how resources were to be allocated. It chose to minimize cuts related to the academic program and to apportion a larger share of the cutbacks to administrative departments.

Mr. Young was acutely aware of the declining level of service his office was able to offer. I can assure you that in those days one did not think of asking for money for new services.

I am sure everyone in the University will be pleased that serious consideration is being given to restoring funds that will upgrade services in the Registrar's Office. However, to justify improvement in terms of a lack of initiative on the part of past registrars is

revisionist history of a kind that cannot be allowed to go unchallenged.

Jim Banham

Purely academic

Editor,

Lorie Chortyk drew ably on information I provided to prepare a story with an emphasis I had not imagined. The difference is one of goals and priorities - matters central to the academic integrity of the University. The fault is mine in that I assumed some fundamental principles and did not think to state them.

First, UBC is committed to developing and maintaining outstanding undergraduate and graduate programs grounded in scholarly activity. Second, we must be keenly aware of forces which have the potential to help or to hinder us in achieving our academic goals. Third, the inclination of governments and other institutions to cultivate "overseas markets" and "sell education" is not reason for us to get on the bandwagon. It is sufficient reason for us to study our environment carefully, to be clear about our own priorities and to identify courses of action which can aid us in achieving our academic goals. Only under these conditions can UBC provide academic leadership rather than falling into roles prescribed for it by external groups.

I am sure this University's status gives us the opportunity to attract outstanding international students to UBC and to undertake all sorts of academic activity in conjunction with universities in other countries. The President's Task Force on International Education has been set up to assist us in making the best choices from the array of possibilities open to us.

Daniel R. Birch
Vice President, Academic and Provost