

UBC



The University of British Columbia
 Vancouver, British Columbia
 Volume 38, Number 4
 February 20, 1992

Ten researchers win Killam awards

By GAVIN WILSON

Ten UBC professors are winners of the 1991 Killam Research Prizes for outstanding achievements in their areas of research.

Established by UBC President David Strangway in 1986, the Killams are presented to faculty members across the university and are valued at \$10,000.

Winning senior prizes in arts are Alan Cairns, Political Science Dept., Michael Church, Geography Dept., and Kenneth Craig, Psychology Dept. Junior awards go to Joel Bakan, Faculty of Law, and Janet Werker, Psychology Dept.

In science, senior prizes go to Ian Affleck, Physics Dept., Colin Fyfe, Chemistry Dept., Judith Hall, Pediatrics Dept., and Nicholas Pippenger, Computer Science Dept. A junior prize goes to Terrance Snutch, Zoology Dept.

— Cairns' scholarly career has focused on Canadian political institutions, and in particular, federalism and the constitution. He is credited with first recognizing that post-war expansion of health, education and welfare programs created strong provincial governments that would one day challenge the federal government.

— Church's field is geomorphology, the study of the form of the Earth's surface and the processes which mold it. He is also a hydrolo-

gist and — combining these fields in his central research focus, fluvial geomorphology — he studies river dynamics, the transport and deposition of sediment and interprets the history of these as revealed in the landscape.

— Craig works in the fields of health and clinical psychology. His research focuses on an understanding of the psychology of pain, particularly the experience of pain in infancy and its nonverbal indicators. This work, which led to

the development of a measurement strategy, has influenced how physicians now treat chronic and acute pain in young persons.

— Bakan has made a significant contribution to the understanding of Canadian constitutional law in its social context. Viewed as one of the best and most exciting legal scholars of his generation in Canada today, he continues an ambitious and innovative research agenda.

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Faculty prizes announced

By CHARLES KER and GAVIN WILSON

A physicist, a statistician, an educator and a specialist in 18th century literature are winners of UBC's 1991 faculty awards.

Physics Professor Ian Affleck is the winner of the Professor Jacob Biely Faculty Research Prize. Harry Joe, associate professor of Statistics, receives the Charles A. McDowell Award for Excellence in Research.

Jean Barman, associate professor in the Faculty of Education, and Assistant English Professor Nicholas Hudson are both recipients of Alumni Prizes for Social Sciences and Humanities, respectively.

The prizes will be awarded at a reception hosted by UBC President David Strangway later this spring.

Affleck came to UBC from Princeton University to take a professorship in the Dept. of Physics and a fellowship in the Canadian Institute for Advanced Research. He works in both the Cosmology and High Temperature Superconductivity programs of the CIAR.

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Photo by Leza Macdonald

Provincial Minister of Advanced Education, Training and Technology, Dr. Tom Perry (left), and UBC President David Strangway talk during a recent visit of government MLAs to the UBC campus.

MLAs get advanced education

By GAVIN WILSON

From the latest computer technology to a stage play set in medieval England, 18 NDP MLAs, including Premier Mike Harcourt, saw some of the best UBC has to offer during a special day-long tour on Feb. 7.

It was an opportunity to sample "the richness and diversity" of campus life, UBC Presi-

dent David Strangway told the MLAs, who were visiting at his invitation.

Many of the attending politicians, including cabinet ministers Tom Perry, Advanced Education, Training and Technology, and Darlene Marzari, Tourism and Culture, are UBC alums. Others were making their first visit to campus.

Shannon O'Neill (Shuswap) said she was

impressed with the variety of activities at UBC.

"I think a lot of people are unaware of what is going on at UBC, particularly in the way of research. It was a fascinating and full day. I'm looking forward to attending Open House in 1993," she said.

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Inside

SPOKEN WORD: The UBC English Dept. presents a series of lectures for off-campus community groups. *Around & About, page 3*

NET RESULTS: The UBC women's basketball team has guaranteed itself a spot in the conference championships. *Page 6*

CHILDHOOD REVISITED: A project in childhood history has yielded a unique bibliography on childhood. *Page 8*

Pesticide link to valley illness challenged

By CONNIE FILLETTI

A mysterious illness afflicting residents of the Fraser Valley has no link to the area and is unlikely caused by pesticides, a UBC epidemiologist has concluded.

"The condition does not appear to be a single illness, but may rather be a group of illnesses," said Dr. Rick Mathias, a professor of Health Care and Epidemiology, who was commissioned by the provincial Ministry of Health to study the ailment.

"Any suggestions of a single cause are premature, and attributing the ill-

ness to environmental causes would be strictly conjecture at this point," he added.

The condition was dubbed Somatic Chemically Induced Dysfunction Syndrome (SCIDS), by an Abbotsford orthopedic surgeon who first noted it in several of his patients. He believes that SCIDS may be caused by an environmental toxin present in the air, water or food in the community.

Mathias said that while the symptoms of Fraser Valley residents are real, they are well-recognized complaints throughout the developed

world.

"With no unifying link between the patients, the cause is difficult to determine," he said. "Some of these people may be suffering from Chronic Fatigue Syndrome, but we can't say with any certainty."

SCIDS is characterized primarily by muscle weakness and fatigue in the forearm, as well as knee and shoulder pain. The symptoms were most common in teenage female athletes and older adults.

About 250 patients in the Fraser Valley were diagnosed with the syndrome after undergoing a test

— similar to an arm wrestle — to check muscle strength and fatigue patterns.

Although the patients yielded quickly to the stress being placed on their forearms, Mathias said this reflex was also present in 75 per cent of a normal group representing the general population.

The test does not appear to identify an abnormality that can be used to identify those individuals who have been considered as having SCIDS, Mathias said.

He predicts that the teenage ath-

See AILMENT on Page 2

Drink improves ultrasound test

By CONNIE FILLETTI

Mixing the right dose of sugar, water and Tang may improve the diagnostic accuracy of abdominal ultrasound examinations.

The cellulose-based recipe, cooked up by UBC researchers Dr. Colin Tilcock and Dr. John Sisler in the Department of Radiology, is intended to disperse gas bubbles, present in the gastrointestinal (GI) tract, which frequently interfere with ultrasound images of the abdomen.

"The gas scatters the ultrasound beam leaving an acoustic shadow behind," Tilcock explained. "Anything that lies within the shadow cannot be easily seen."

"Ultrasound is a non-invasive, cheap and portable radiological exam, but its application to examination of the GI tract is often compromised because of acoustic shadowing."

Although water, which patients may be asked to drink prior to an ultrasound exam, provides a sonic window for sound waves to travel through, it doesn't displace and is progressively absorbed from the GI tract. Water is, therefore, a less ideal agent for gastrointestinal ultrasound he added.

Preliminary studies of 15 healthy adults, with no previous history of gastrointestinal illness, indicate that drinking the cellulose-based agent distends the bowel and either displaces or absorbs the gas, Tilcock said.

"We have been provided with remarkable detail that is not normally seen."

Tilcock believes that an effective gastrointestinal agent will expand the utility of ultrasound in many areas of diagnosis, such as the detection of inflammatory bowel disease, colorectal cancers and ulcerations.

In addition to the immediate applications and the new avenues of research that would result from clearer pictures of the abdomen, health-care costs would also decrease, he said.

Tilcock estimated that of the 4,000 ultrasound exams — each costing approximately \$100 — performed annually at the UBC site of University Hospital, half involve scanning the abdomen, and of those, 50 per cent are compromised by the presence of gas within the GI tract.

"In these cases the patient usually goes on to a more invasive and expensive CAT scan, which, at \$300 to \$400, is at least triple the cost of an ultrasound exam," he said.

By Tilcock's calculations, B.C.'s medical services plan could be saved at least \$100,000 a year in direct billing costs, just from the UBC site alone.

The research team chose cellulose, a complex sugar, as the base for the agent because it is not readily degraded within the GI tract and does not create gas. Additionally, it is non-toxic, FDA-approved, and is cheap when purchased in bulk.

The researchers are seeking healthy volunteers to participate in a more complex study of the transmission agent. For information, call 822-3717.



NDP MLA Bernie Simpson, Commerce Dean Michael Goldberg and Premier Michael Harcourt (left to right) share a laugh over coffee during campus tour.

Diversity impresses MLAs

Continued from Page 1

Harry Lali (Yale-Lillooet), who graduated from UBC in 1984 with a double major of South Asian Studies and History, was intrigued by the university's plans for the future, as outlined by Strangway in a morning briefing to the MLAs.

Dennis Streifel (Mission-Kent) said he was impressed with the focus on women and Native issues he saw in the day's presentations.

Strangway told the MLAs he hoped their visit to campus would serve to inform them of the range of activities and programs being undertaken at UBC, as well as some of the issues facing post-secondary education.

"Despite the perception that is still heard from time to time, UBC is not a staid institution where nothing changes or happens," he said. "It is a very dynamic environment and there are many very exciting things happening here."

Strangway told the government members that post-secondary education in B.C. has made great strides since the era of spending restraint a decade ago, but that the government must show renewed commitment if this momentum is to be maintained through the 1990s.

B.C. has Canada's lowest participation rate in degree programs, despite the fact that applications for admission are rising rapidly, he said. While the B.C. government has taken steps to increase access to education, enrolment has still grown faster than government-funded positions.

Strangway concluded by saying the university needs increased funding to

cover mandatory and regulatory costs and the rise in the Consumer Price Index plus two per cent, just to maintain its current financial position.

Also during the day, the MLAs were shown leading-edge computer animation at the Computer Science Department's Media and Graphics Interdisciplinary Centre, briefed on research at the Biotechnology Laboratory, learned of the UBC-based Third International Mathematics and Science Study and heard from several speakers about the increasing roles women and feminist scholarship are playing at the university.

Several MLAs said highlights of their day included a visit to the First Nations House of Learning, where programs for Native Indian students were outlined, and a sneak preview of the upcoming production of Ian Weir's new play *Semper Fidelis*.

Members of the provincial Liberal Opposition will tour campus on Feb. 21.

Arts, science split awards

Continued from Page 1

— Werker's research involves distinct but related lines of study.

One focus is the development of speech perception, while another is in the area of parent-infant communication. The latter has produced classic studies focusing on infants' behavior in response to infant-directed talk or "motherese."

— Snutch is a world leader in the field of molecular biology as applied to ion channels and signal transduction, particularly in the nervous system. This field is considered by many physiologists to be among the most impor-



Werker

tant research areas of the next decade.

— Affleck's most recent work is on the theory of low dimensional magnetic systems. In this area he has made significant contributions to an understanding of one dimensional antiferromagnets with his theory of inter-chain couplings. His work on the large-N limit of the Hubbard model has important implications for high temperature superconductors.

— Fyfe's major field of study is nuclear magnetic resonance (NMR) spectroscopy. His most important work is his application of solid state NMR to the determination of the structure of zeolites. These are open framework compounds of aluminum, silicon and oxygen that are widely used as industrial catalysts, especially in the petroleum industry.

— Hall is an internationally recognized clinician and scientist whose expertise is widely sought after in the

fields of pediatrics and genetics.

Her studies have led to a broader understanding of genetic imprinting. Her early studies on dwarfism are important milestones in the study of the various clinical manifestations and the genetic origins of this disorder.

— Pippenger is considered to be among the top 10 theoretical computer scientists in the world. He has an outstanding research record in the theory of computation generally and is a world leader in network complexity theory. A former IBM Fellow, he also has international stature as a mathematician.



Hall

Pair of authors among winners

Continued from Page 1

The \$1,500 Biely prize is named for Professor Jacob Biely, an internationally known poultry scientist whose association with UBC spanned half a century. It is given to an outstanding researcher in any field.

Joe's research interests include multivariate dependence, majorization and entropy in statistics, paired comparisons and extreme values. The latter can be used to study frequencies of extreme concentrations of pollutants exceeding levels considered hazardous to health or environment.

The McDowell award is made to a young researcher who has demonstrated excellence in the pure or applied sciences. It was established by University Professor Charles McDowell, who headed UBC's Chemistry Dept. from 1955 to 1981. McDowell will present the medal at the reception.

Barman, who received her doctor-

ate at UBC from the Dept. of Social and Educational Studies, has been teaching courses in research methodology and educational history for the same department since 1987. She was awarded the \$1,000 Alumni Prize in the Social Sciences.

Her research has focused primarily on B.C. social history, particularly as it relates to children. She recently edited two books on native education in Canada while her own work, *The West beyond the West: A History of British Columbia*, was on the province's best-seller list for four months last spring.

Hudson received the \$1,000 Alumni Prize in the Humanities.

A specialist in 18th-century literature, he has previously written a book on Samuel Johnson and is currently working on a second dealing with language theory of that period. Hudson has been with the Dept. of English for seven years.



Barman

Ailment still mystery, says Mathias

Continued from Page 1

letes who tested positive will not progress to having the wider range of complaints found in the adult SCIDS group.

Mathias added that there is no evidence that the teenagers in the Fraser Valley, with their knee pain and other activity-related

complaints, are any different than their counterparts in B.C. or across Canada.

Mathias said the good news is that while we know there is a group with symptoms, a reliable geographic link could not be made.

The bad news is that we still

lack an answer for the prevention or treatment of the symptoms of the SCIDS group.

Mathias was scheduled to meet with the community advisory group on Feb. 19 to present his findings. The group was expected to make recommendations for further action.

Degree helps engineers develop business skills

By ABE HEFTER

A joint degree program established at UBC will help technology-oriented companies move from the drawing board to the marketplace.

To help engineers confront what can often be unexpected and insurmountable problems in the development and commercialization of high technology goods and services, a Master's in Engineering Degree in Advanced Technology Management is being offered.

The joint degree program between the faculties of Commerce and Business Administration and Applied Science will provide students with advanced engineering and management skills which are particularly well suited for high technology companies, said Mihkel Tombak, program co-director.

The two-year program is intended for students who wish to continue with graduate studies in engineering while developing management skills. It will formally begin this fall.

"The introduction and exploitation of new technologies can be seriously hampered by a lack of management skills at



Photo by Media Services

Program co-director Mihkel Tombak.

both the research and development stages," said Tombak, an assistant professor in the Faculty of Commerce and Business Administration.

"Banks need business plans, public financing is surrounded by technicalities, distribution channels and marketing options need to be identified, and

patent laws must be investigated. This program will help engineers address these types of issues."

By building on the strengths of both faculties, said Tombak, engineers will be offered a carefully selected sequence of relevant management courses along with experience in graduate scientific and engineering work.

During the summer following the second term, students will be expected to apply their classroom knowledge in an industrial setting for an internship period.

Tombak said five companies are currently involved in an advisory role: MacMillan Bloedel Ltd., MacDonald Dettwiler, MPR Teltech Ltd., Sandwell Engineering and Quadra Logic Technologies.

"Representatives of these, and other companies, and some governmental agencies, will advise UBC on the policy aspects of the program," said Tombak.

"They will help the university create an innovative technology management program which meets the needs of industry in B.C. and Canada," he said.

'White-coat' fear strikes patients

By CHARLES KER

Between 20 and 30 per cent of Canadians treated for high blood pressure are falsely diagnosed simply because their pressure goes up when a doctor enters the room.

Known as "white-coat" hypertension, this biological quirk means thousands of patients may be taking potent medication needlessly, said UBC psychologist Wolfgang Linden.

Linden said these "white-coaters" are often mistakenly diagnosed in their doctor's office during routine checkups.

"They come into the office with normal blood pressure, but once the physician begins to roll up their shirt sleeve, their pressures rise dramatically," he said. "These people just hyper-react to the measurement situation."

Depression and listlessness are among the side effects from beta-blockers and diuretics commonly used to treat high blood pressure.

Working on campus with Dr. James Wright at the high blood-pressure clinic at University Hospital, Linden and graduate student Theresa Newlove, are hoping to give 60 to 80 volunteers a device which will test blood pressure outside the doctor's office.

Volunteers would wear a small monitor which automatically measures blood pressure at various times during a normal working day. They would also have their pressures checked carefully at the clinic.

By analysing results, Newlove hopes to find out if there is some way of identifying white-coat hypertension in the doctor's office. Currently there is no systematic method for screening out white-coat hypertension from a normal case of high blood pressure.

Wright treats about 20 patients at the clinic each week. The clinic also performs clinical trials testing new drugs not yet on the market.

Those interested in participating in the white-coat study can get more information by calling 822-3800.

Engineers apologize for Rose Bowl caper

The University of Washington has received a formal apology from UBC engineering students who made off with the Rose Bowl football trophy earlier this month.

The students also offered to pay for any damage caused by the theft, said Norm Arkans, UW's assistant vice-president of university relations.

Damage to a display case was

earlier put at about \$450 U.S.

The UW Huskies won the coveted U.S. college championship trophy on New Year's Day. It was reported missing on Feb. 4 and was returned by the RCMP later the next day.

No charges were laid in connection with the incident.

"We're just glad it's back," said Arkans.



Photo by Simon Gee

Lion Dance

The UBC Chinese Students' Association recently sponsored a cultural dance demonstration on the SUB plaza to celebrate the Chinese New Year. The dancers are from a Vancouver cultural club.

Around & About

Lectures for young at heart

By RON BURKE

Members of the English Dept. are quietly doing some off-campus lecturing for nothing but enjoyment — theirs and the audience's.

Thirty Thursday mornings each year, speakers from the English Dept. address groups at Brock House, Jericho Beach's busy centre for the 60-plus set. Lectures consistently draw 35 to 50 enthusiastic members of the Brock House Society, most of whom are retired.

Lecture topics range from discussions of Charles Dickens' Great Expectations to readings of the speaker's own works. Professor Ron Johnson, who is coordinating the 1992-93 lecture series, says "they want to hear someone talk intelligently and then have the chance to ask lots of questions. They really are a very enjoyable group."

This is Johnson's first year as coordinator and he has nothing but good things to say about the program.

"As a teacher, you're trying to share an experience with the audience," he says. "Sharing literature is very different from sharing research — there's passion — and the Brock House audience picks up on that. They're very lively and responsive."

Younger or newer lecturers may use the opportunity to gain experience, but primarily it's done as a community outreach program. The speakers come from all ranks: pro-

fessors, instructors, sessional lecturers and PhD candidates. Recently the head of the English Dept., Herbert Rosengarten, spoke on the Brontes.

"It's not a chore at all — the members really show their appreciation," says Rosengarten. "I think it's an excellent program that helps keep older members of the community,

"What a great thing it is to be able to use your mind to just enjoy learning."

particularly those who've had a connection with UBC, in touch with what's going on at the university."

Johnson guesses that members of Brock House would welcome lecture series from other UBC departments as well. His eyes light up when he speaks of the members' enthusiasm.

"It's a keen, appreciative audience, very diverse and intelligent," he says. "I believe two or three of them used to teach in the English Dept. In my opinion, the audience and their questions are often more interesting than the talk itself."

Lorraine Arams, executive director of Brock House, echoes Johnson's comments.

"We're extremely appreciative of the time and energy donated by the English Dept.," she says. "Our members are interested in all kinds of literature, both past and current, and these lectures offer a very wide scope."

Arams says the lectures offer a unique experience for audience members — the opportunity to ask questions and

discuss literature with UBC lecturers.

"What a great thing it is to be able to use your mind to just enjoy learning," she says.

Following presentations, Johnson says he routinely receives notes of appreciation — from the speakers.

"All the speakers come back happy, because the group at Brock House makes them feel so good with their enthusiasm and questions. You really feel like you've done something for someone."

* * *

Many faculty and management and professional staff volunteer their speaking services through the UBC Speakers Bureau. The bureau is looking for new speakers to join its ranks for the 1992-93 academic year.

Each year the bureau fields hundreds of requests for speakers from community, business and school groups in the Lower Mainland. Popular topics range from prehistoric technology to current affairs to computers of the future. Other most-requested subjects include the environment, parenting skills and concerns, and health issues. The bureau encourages faculty and M & P staff from all fields to participate.

If you would like to volunteer for the UBC Speakers Bureau, contact Christopher Miller, marketing manager, in the Community Relations Office, 822-2028.

February 23 –
March 7

MONDAY, FEB. 24

BC Cancer Research Seminar



Oncogenes And Anti-Oncogenes: Targets In Ovarian Cancer Warfare. Thomas G. Ehlen, MD, PhD, Gynaecologic Oncologist; Consultant Gynaecologist, Cancer Endocrinology, BC Cancer Agency, BCCRC Theatre at 12pm. Call 877-6010.

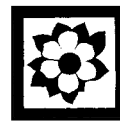
Forest Sciences Seminar

Recycling Wastes On Forest Land III: Port McNeill Study: Response Of Trees To Sludge, Fish Mortals And Combinations. Dr. Cindy Prescott, research associate, Forest Sciences, Ponderosa Annex E-123 from 12:30-1:30pm. Call 822-6018.

Fine Arts Gallery Lecture

British artist Terry Atkinson, founder of Arts And Language, speaks about his work. Lasserre 102 from 12:30-1:30pm. Call 822-2759.

Plant Science Seminar



Life History Strategies And Integrated Pest Management Of A Moth Pest Of Cranberries. Dr. Sheila Fitzpatrick, Entomologist, Agriculture Canada, Vancouver Research Station, MacMillan 318D from 12:30-1:30pm. Call 822-8233.

Biochemistry/Molecular Biology Discussion Group

Mitotic Lamina Disassembly Triggered By CDC2 Kinase. Dr. Mathias Peter, U. of California, San Francisco. IRC #1 at 3:30pm. Call Dr. Michel Roberge at 822-2304.

Mechanical Engineering Seminars

Natural Gas Fueling Of Diesel Engines with Hardi Gunawan, MAsc student; The Cutting Characteristics Of Bandsaws with Bruce Lehman, PhD student. Civil/Mechanical Engineering 1202 from 3:30-4:30pm. Refreshments provided. Call 822-6200/4350.

Applied Mathematics Colloquium

Nonsmooth Optimization Problems Involving Eigenvalues Of Matrices. Dr. Michael L. Overton, Courant Institute of Mathematical Sciences, New York U. Mathematics 104 at 3:45pm. Call 822-4584.

UBC Reports is the faculty and staff newspaper of the University of British Columbia. It is published every second Thursday by the UBC Community Relations Office, 6328 Memorial Rd., Vancouver, B.C., V6T 1Z2. Telephone 822-3131. Advertising inquiries: 822-6163. Managing Editor: Steve Crombie Ass't Editor: Paula Martin Contributors: Ron Burke, Connie Filletti, Abe Hefter, Charles Ker, and Gavin Wilson.

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CALENDAR DEADLINES

For events in the period March 8 to March 21, notices must be submitted by UBC faculty or staff on proper Calendar forms no later than noon on Tuesday, February 25, to the Community Relations Office, Room 207, 6328 Memorial Rd., Old Administration Building. For more information call 822-3131. The next edition of UBC Reports will be published March 5. Notices exceeding 35 words may be edited. The number of items for each faculty or department will be limited to four per issue.

Geophysics Seminar

Geodynamic Implications Of Seismic Inferences Of Global Lateral Heterogeneity In The Earth's Mantle. Dr. Alessandro Forte, Earth/Planetary Sciences, Harvard U. Geophysics/Astronomy 260 at 4pm. Coffee at 3:45pm. Call 822-3100.

TUESDAY, FEB. 25

Financial Planning Noon Hour Series

Your Will - Is It Complete? Margaret Mason from Bull Housser & Tupper. Registration not required. Sponsors: Faculty Association/Centre for Continuing Education. Angus 104 from 12:30-1:20pm. Call 222-5270.

Botany Tuesday Series Seminar

Plasmodesmata: Structure, Function And Viral Interactions. Dr. Bill Lucas, Botany, U. of California, Davis. BioSciences 2000 from 12:30-1:30pm. Call 822-2133.

Asian Research China-Korea Seminar

The Oldest Chinese Secularian Scripture, The Precious Volume Spoken By The Buddha, On The Results Of [The Teaching Of] The Imperial Ultimate [Period], Pub. 1430. Prof. Daniel L. Overmyer, Asian Studies. Asian Centre 604 from 12:30-2pm. Copies of the paper available from Asian Centre 403. Call 822-4688.

Lectures In Modern Chemistry

Flow-Injection Process Analysis. Dr. Gary D. Christian. Chemistry, U. of Washington, Seattle. Chemistry 250, South Wing at 1pm. Call 822-3266.

AMS Global Development Workshop

Classism And Corporations. Facilitated by End Legislated Poverty. By donation. SUB from 2:30-5:30pm. Call 222-4476.

Oceanography Seminar

Upwelling On Local And Global Scales. William Hsieh, Oceanography. BioSciences 1465 at 3:30pm. Call 822-2828.

Statistics Seminar

Conservative Bands For The Trend Of An Autoregressive Model. Prof. R. Fraiman, Universidad de la Republica Montevideo, Uruguay. Angus 223 at 4pm. Call 822-4997/2234.

Medical Genetics Seminar

Onco-Slime: Ras Genes In Dictyostelium. Dr. G. Spiegelman, associate professor, Microbiology. IRC #1 from 4:30-5:30pm. Refreshments at 4:15pm. Call 822-5312.

Museum Of Anthropology Identification Clinic

Bring objects for identification, receive conservation advice from MOA's professional staff (financial evaluations are not provided). All welcome. No booking necessary. MOA 217 from 7-8:30pm. Free admission. Call 822-5087.

AMS Development Days Films



Three films: When The Mountains Tremble, The Real Thing and TBA. SUB Theatre at 7:30pm. By donation. Call 222-4476.

History Roundtable Discussion

World University Service Of Canada's 1992 Symposium On Academic Freedom. Prof. S. Santhos, Lesotho; Ms. H. Goonetilleke, Sri Lanka. SUB 212 at 7:30pm. Refreshments. Call Trevor Morrison at 222-4678.

WEDNESDAY, FEB. 26

Orthopaedic Grand Rounds

Antibiotic Prophylaxis In Implant Surgery. Dr. G.D. McPherson. Eye Care Centre Auditorium at 7:30am. Call 875-4646.

Book Signing

Trees Of Vancouver: A Guide To Common And Unusual Trees Of The City. Gerald Straley, author and curator of collections, Botanical Gardens. David Lam Centre Botanical Garden Main Meeting Room from 11:30am-12:30pm. Light refreshments; books available for sale. Call 822-4546.

Wednesday Noon Hour Concert Series

Camille Churchfield, flute; Kenneth Broadway, piano. Music Recital Hall at 12:30pm. Admission \$2. Call 822-5574.

Microbiology Seminar

Harvesting The Sun: Story Of A Multi Gene Family. Dr. Beverley Green, Botany. Wesbrook 201 from 12:30-1:30pm. Call 822-3308.

Planning Lecture

Representations Of Women Of Color In Film And Television: Its Relationship To The Dichotomy Between The Developed And The Less Developed World. Jasmine Jawant, National Film Board Marketing Officer for Women's Forum. Lasserre 107 from 12:30-1:30pm. Sponsors: Women/Development Group, The Koerner Foundation and The Center for Research in Women's Studies/Gender Relations. Call Penny Gurstein at 822-6065.

Forestry Seminar



Brazilian Eucalyptus Forests For Charcoal And Fiber. Prof. John McLean, Forest Sciences. MacMillan 166 from 12:30-1:30pm. Call 822-3553.

Asian Centre Concert

Recital Of South Indian Veena Music. Muthulakshmi Ranganathan, School of Music, Queen's U. Asian Centre Auditorium from 12:30-2pm. Free admission. Call 822-3881.

Physiology Seminar Series

Regulation Of Gastric Endocrine Secretion. Dr. C. McIntosh, Physiology. IRC #4 at 3pm. Call Dr. A. Buchan at 822-2083.

Biotechnology Seminar

Phytochrome Signal Transduction Pathway: From Light Perception To Gene Activation. Dr. Nam-Hai Chua, Professor of Andrew W. Mellon, Laboratory of Plant Molecular Biology, The Rockefeller U. IRC #1 at 3:30pm. Call Dr. J. Carlson at 822-4733.

Geography Colloquium

The Surface Urban Heat Island: Building A Model By Starting With The Simplest Case. Tim Oke, head, Geography. Geography 201 at 3:30pm. Refreshments at 3:25pm. Call 822-2985/2663.

Applied Mathematics Colloquium

Modelling Programmable Logic Controllers In Prolog. Dr. Jeff Skosnik, Automated Reasoning Centre, BCIT, Burnaby. Mathematics 104 at 3:45pm. Call 822-4584.

THURSDAY, FEB. 27

Textbook Publishers' Day



Meet representatives from major textbook publishers at the Bookstore from 10am-4pm. Coffee available. Call 822-2665.

Pharmacology Seminar

Motoneuron Death In Degenerative Disease. Dr. Charles Krieger, Medicine. IRC #5 from 11:30am-12:30pm. Call 822-2575.

Policy Centre Seminar

Social Issues And The Social Studies Of Science. Dr. Jim Gaskell, Mathematics/Science Education, Education. Ponderosa H-123 from 12-1pm. Call 822-5295/2593.

AMS Global Development Panel Discussion

On The Concept Of Sustainable Development. Speaker: TBA. SUB Theatre at 12:30pm. Free admission. Call 222-4476.

Classics Illustrated Lecture

The End Of The Ancient Economy. Dr. David Whitehouse, deputy director, Corning Glass Museum, New York. Lasserre 104 at 12:30pm. Call 822-4059/5484.

Geological Sciences Seminar Series

The Hydrothermal Regime Of The Northern Juan De Fuca Ridge: Recent Results From ODP And Post-Drilling Observations. Earl Davis, Pacific Geoscience Centre. GeoSciences 330A at 12:30pm. Refreshments follow in the Grad Lounge (308). Call 822-2449.

Philosophy Lecture



Hate Propaganda And Freedom Of Expression. Prof. Wayne Sumner, Philosophy, U. of Toronto. Buchanan D-339 at 12:30pm. Call 822-2511.

Students For Forestry Awareness

Rational for Small Business Brief Given To Forest Resources Commission. Graham Lea, Truck Loggers Association of BC. MacMillan 166 from 12:30-1:30pm. Call 731-2613.

Planning Lecture Series

Guest Lecture: New Land Use Directions In Integrated Resource Planning. Alan Lidstone, BC Ministry of Forests. Lasserre 105 from 12:30-1:30pm. Call 822-3276.

Obstetrics/Gynaecology Research Seminar



Future Trends In Immunoassays. Dr. Morris Pudek, clinical professor, Pathology; director, Endocrine/Urinalysis Labs, VGH. Grace Hospital 2N35 from 1-2:30pm. Call 875-2334.

Biotechnology Seminar

Expression Of Recombinant Human Plasminogen In Mammalian Cells Is Augmented By Suppression Of Plasmin Activity. Dr. Sharon Busby, ZymoGenetics, Inc., Seattle. Wesbrook 201 at 3:30pm. Call Dr. D. Kilburn in Biotechnology Lab at 822-4182.

Philosophy Seminar

Two Theories Of The Good. Prof. Wayne Sumner, Philosophy, U. of Toronto. Buchanan D-344 at 4pm. Call 822-2511.

Geophysics Seminar

Studies Of The Earth's Forced Nutations. Dr. Bruce Buffett, Institute of Theoretical Geophysics, U. of Cambridge. Geophysics/Astronomy 260 at 4pm. Coffee at 3:45pm. Call 822-3100.

Psychology Colloquium

New Directions In Children's Theory Of Mind. Dr. Henry Wellman, U. of Michigan. Kenny 3510 at 4pm. Social hour follows. Call 822-3005.

Physics Colloquium



Convective Turbulence: Experimental Results Plus A Little Theory. Leo Kadanoff, U. of Chicago. Hennings 201 at 4pm. Call 822-3853.

Nursing Research Unit Public Lecture

The Father And The Family: Public Images and Private Realities. Dr. Katharyn May, DNSc, RN, FAAN, associate professor/chair, Family/Health Systems Nursing, Vanderbilt U., Nashville, Tennessee. IRC #6 at 7:30pm. Refreshments follow in IRC Foyer. Call 822-7506.

Evening Illustrated Lecture

Islamic Art And Medieval Italy. Dr. David Whitehouse, Corning Glass Museum, New York. Sponsors: Classics and The Archaeological Institute of America. Museum Of Anthropology Theatre Gallery at 8pm. Call 822-5484/4059.

UBC Symphony Orchestra Concert



Nicholas Lozovsky, violin soloist; Jesse Read, conductor. Old Auditorium at 8pm. Free admission. Call 822-5574.

February 23 – March 7

FRIDAY, FEB. 28

Obstetrics/Gynaecology Grand Rounds

Early Vs Mid-Trimester Amniocentesis In Pre-Natal Diagnosis: A Canadian Collaborative Trial. Dr. Doug Wilson, associate member, Family Practice; Medical Director, of Vancouver Breastfeeding Centre. G.F. Strong Auditorium at 9am. Call 875-3108.

Paediatrics Grand Rounds

Practical Approach To Breastfeeding Problems. Dr. Verity Livingstone, associate professor, Family Practice; Medical Director, of Vancouver Breastfeeding Centre. G.F. Strong Auditorium at 9am. Call 875-2118.

Anthropology/Sociology Colloquium

The James Bay Hydroelectric Project. William Grodinsky, attorney for the James Bay Cree. Museum of Anthropology Theatre at 10am. Call 822-2878.

President's Lecture In German

Interkulturelle Germanistik, German Studies, European Studies. Prof. Paul Michael Luetzeler, German, Washington U., St. Louis, MO. Buchanan Penthouse at 12:30pm. Call 822-6403.

Law Public Lecture

Race And Gender In Law And Legal Discourse. Audrey Kobayashi, Geography, McGill U.; Robin Lakoff, Linguistics, U. of California, Berkeley. Curtis 101/102/201 from 12:30-1:30pm. Call 822-6506.

Chemical Engineering Weekly Seminar

Heat Exchanger Fouling In Alumina Refineries Using The Bayer Process. Prof. Hans Muller Steinhausen, U. of Auckland, NZ. Chem-Engineering 206 at 3:30pm. Call 822-3238.

SATURDAY, FEB. 29

Vancouver Institute Saturday Evening Lecture

The Canadian Charter Of Rights And Freedoms: Has It Americanized The Canadian Judiciary? The J.V. Clyne Lecturer. The Right Honourable Brian Dickson, PC, CC, Chief Justice of Canada, retired. IRC #2 at 8:15pm. Call 822-3131.

MONDAY, MAR. 2

Plant Science Seminar

Molecular Diagnostics Of Virus Vector Nematodes. Dr. Thierry Vrain, Agriculture Canada, Vancouver Research Station. MacMillan 318D from 12:30-1:30pm. Call 822-8233.

Biochemistry/Molecular Biology Discussion Group

Antibodies From Outerspace. Dr. Julian Davies, Microbiology. IRC #1 at 3:30pm. Call Dr. Pat Dennis at 822-5975 or Dr. Julian Davies at 822-2501.

TUESDAY, MAR. 3

Botany Tuesday Seminar Series

An Ecophysiological Comparison Of Subalpine Wet Meadow And A Brackish Tidal Marsh: A Hierarchical Perspective. Paul Drewa, MSc candidate, Botany. BioSciences 2000 from 12:30-1:30pm. Call 822-2133.

Faculty Association Symposium

Taxol - What's It To Yew? The Environmental And Medical Aspects Of Taxol, A Promising Anti-Cancer Drug From Yew Tree Bark. Speakers: Dr. N. Towers, Botany; Dr. K. Swenerton, BC Cancer Agency; N. Wareing, Western Canada Wilderness Committee; P. Robson. SUB Auditorium from 12:30-2pm. Call David Mathers at 822-5684.

Lectures In Modern Chemistry



Studies On Peptide Hormones And Antibodies. Dr. John C. Vederas, Chemistry, U. of Alberta. Chemistry 250, South Wing at 1pm. Call 822-3266.

Oceanography Seminar

Natural Gas And Atmospheric Methane - Geochemical Perspective. Michael Whitticar, UVic. BioSciences 1465 at 3:30pm. Call 822-2828.

Mechanical Engineering Seminars

Peripheral Milling Of Flexible Structures with Erhan Budak, PhD student; Computerized Analysis Of Reconstructed Holograms with Zhijun Zhao, MAsc student. Civil/Mechanical Engineering 1202 from 3:30-4:30pm. Refreshments provided. Call 822-6200/4350.

Geophysics Seminar

Discriminating Between Anisotropy And Inhomogeneity In 3D Subduction Regions Using Teleseismic P-Waveforms. Dr. Michael Kendall, Institute of Geophysics/Planetary Physics, Scripps Institution of Oceanography, U. of California, San Diego. Geophysics/Astronomy 260 at 4pm. Coffee at 3:45pm. Call 822-3100.

WEDNESDAY, MAR. 4

Orthopaedic Grand Rounds

Genesis Of Pain Chronicity. Chair: Dr. R.W. McGraw. Guest Speaker: Dr. K.J. Postma, Workers Compensation Board. Eye Care Centre Auditorium at 7:30am. Call 875-4646.

Wednesday Noon Hour Concert Series

Marc Destrube, violin; Rena Sharon, piano. Music Recital Hall at 12:30pm. Admission \$2. Call 822-5574.

Microbiology Seminar Series



E-Z And Not So Easy Ways To Study LHII In R. Capsulatus. Heidi LeBlanc, Microbiology. Wesbrook 201 from 12:30-1:30pm. Call 822-3308.

Forestry Seminar

Immunological Probes: New Concepts And Opportunities In Forests And Forest Processing Industries. Dr. Colette Breuil, NSERC/Chair of Forest Products Biotechnology, Harvesting/Wood Science. MacMillan 166 from 12:30-1:30pm. Call 822-3553.

Geography Colloquium

Sediment Transport And Sedimentation Along The Amazon Valley, Brazil. Tom Dunne, Geological Sciences, U. of Washington. Geography 201 at 3:30pm. Refreshments at 3:25pm. Call 822-2985/2663.

THURSDAY, MAR. 5

Pharmacology Seminar

Selectivity Of Antiviral Agents. Dr. Gertrude Elion, Bourroughs Wellcome Research Laboratories, Research Triangle Park, NC. IRC #2 from 11:30am-12:30pm. Call 822-2575.

Geological Sciences Seminar Series

Petrology And Metallogeny Of Archean Anorthosite Northern Most Labrador - The Entrails Of An Ancient Suture Zone? Derek Wilton, Memorial U. GeoSciences 330A at 12:30pm. Refreshments follow in the Grad Lounge (308). Call 822-2449.

Counselling Psychology Colloquium

High School Is Like A Soap Opera: Gender And The Process Of Disengagement From School. Dr. Dierdre Kelly. Counselling Psychology 201 from 12:30-1:30pm. Call 822-5259.

Students For Forestry Awareness

Watershed Management In Greater Vancouver. Derek Bonin, RPF, Superintendent of Forest Operations for Greater Vancouver Regional District. MacMillan 166 from 12:30-1:30pm. Call 731-2613.

Planning Lecture Series

Guest Lecture: Initiatives In The Capital Regional District. Diana Butler, mayor, District of Oak Bay (Victoria). Lasserre 105 from 12:30-1:30pm. Call 822-3276.

Psychology Colloquium

Change And Stability During The Menopausal Transition. Dr. Karen Matthews, U. of Pittsburgh. Kenny 2510 at 4pm. Social hour follows. Call 822-3005.

Physics Colloquium



The Single Electron Transistor. Marc Kastner, Massachusetts Institute of Technology. Hennings 201 at 4pm. Call 822-3853.

Renaissance Literature Seminar

Alien Encounters: Cabbage-Planters, Travellers And Others In The Works Of Rabelais. Terence Cave, St. John's College, Oxford. Sponsors: UBC Renaissance Seminar/French Department. Buchanan Penthouse at 4pm. Call 822-2879.

Museum Of Anthropology Panel Discussion

The Creation Of Gawa Gyani. Karen Jamieson of Native Guest Artists; Michael Ames, director of MOA. MOA Theatre Gallery from 7:30-9pm. Free admission. Call 822-5087.

FRIDAY, MAR. 6

Paediatrics Grand Rounds

The Pathophysiology Of Meningitis: The Future Of Adjunct Therapy Is Brighter Than Steroids. Dr. Elaine Tumanen, Rockefeller U., New York. G.F. Strong Auditorium at 9am. Call 875-2118.

Geological Sciences Seminar Series

How Low Can You Get? Steady State Groundwater Flow And Parameter Estimation As A Minimization Problem. Larry Bentley, U. of Calgary. GeoSciences 330A at 11:30am. Refreshments follow in the Grad Lounge (308). Call 822-2449.

Literature Lecture

Literature In History. Terence Cave, St. John's College, Oxford. Sponsor: UBC Renaissance Seminar, French/English Departments. Buchanan A-202 at 12:30pm. Call 822-2879.

Women's Studies Workshop

Proceed With Caution: Looking At Ourselves, Looking At Others. Speakers from the Centre for Research in Women's Studies. Angus 308 from 1:30-5pm. Admission free, all welcome. Call 822-9171.

Chemical Engineering Weekly Seminar

Electrochemical Bleaching Of Pulp. Rory Todd, graduate student, Chemical Engineering. ChemEngineering 206 at 3:30pm. Call 822-3238.

Evening Concert

University Chamber singers. Cortland Hultberg, director. Music Recital Hall at 8pm. Admission free. Call 822-5574.

SATURDAY, MAR. 7

Vancouver Institute Saturday Evening Lecture



Will Medicare Survive? The Honourable Mr. Justice Peter D. Seaton, BC Court of Appeal. IRC #2 at 8:15pm. Call 822-3131.

NOTICES

UBC Speakers Bureau

Would your group like to know more about topics ranging from Hormones and You to The Spanish Inquisition? More than 300 topics to choose from. Call 822-6167 (24-hr. ans. machine).

Campus Tours For Prospective Students

School And College Liaison Office will provide tours of the campus most Friday mornings for prospective students. Brock Hall 204D at 9:30am. Advance registration required. Call 822-4319.

Hort Club Orchid Sale

Cymbidiums, Dendrobiums, Miltonia and Coelogyne: \$5-\$15. Every Tues./Thurs. through Feb. or while quantities last. Greenhouse, West Mall at Stores Rd. from 9am-3pm. Call 822-3283.

AMS Development Days

Information tables and displays about issues of poverty, human rights, women, etc. will be set up at the SUB Concourse Feb. 24-28 from 11am-3pm. Call 222-4476.

Rosacea Study

Volunteers 21 years of age or older needed for 5 visits over a 12 week period. Call Sherry in Dermatology at 874-6181.

Language Programs Conversational Classes

Spanish Immersion Program in Cuernavaca, Mexico, Mar. 2-20. Call LPCC, Centre for Continuing Education at 222-5227.

Frederic Wood Theatre Performance

Semper Fidelis by Ian Weir, directed by Stephen Malloy. March 5-14 at 8pm. Adults \$10, students/seniors \$7. Preview Wed. Mar. 4, 2 admissions for \$10. Reservations at Theatre Building 207. Call 822-2678.

G. Peter Kaye Lectures

Seeing God's Acting In The World. Dr. Jane Dempsey Douglass, president, World Alliance of Reformed Churches. Vancouver School of Theology, Feb. 24-25 at 12:30pm and 7:30pm. Free admission. Call 228-9031.

Fine Arts Gallery



Open Tues.-Fri. from 10am-5pm. Saturdays 12pm-5pm. Free admission. Main Library. Call 822-2759.

Museum Of Anthropology Exhibition

Eulachon: A Fish To Cure Humanity. MOA Gallery 5, until May 24 only. Free with museum admission. Call 822-5087.

Museum Of Anthropology Dance Performance

Gawa Gyani. Performers: Karen Jamieson Dance Company, Native Guest Artists; Kenneth B. Harris, Hereditary chief of the Gishgahaast Clan, and his family. MOA Great Hall, Feb. 28-Mar. 1 from 8-9:15pm. Adults \$10, Students/Seniors \$8, Members \$6. Purchase tickets in advance. Call 822-5087.

Executive Programmes

One to five day business seminars. Seminars to Mar. 7 include: Strategic Analysis for Competitive Advantage, \$1,750; Cost Management, \$795; Using Spreadsheets, \$595; Management Strategies for the Multicultural Workplace, \$795. Call 822-8400.

Statistical Consulting/Research Laboratory

SCARL is operated by the Department of Statistics to provide statistical advice to faculty and graduate students working on research problems. Forms for appointments available in Ponderosa Annex C-210. Call 822-4037.

Sexual Harassment Office

Two advisors are available to discuss questions and concerns on the subject. They are prepared to help any member of the UBC community who is being sexually harassed to find a satisfactory resolution. Call Margartha Hoek or Jon Shapiro at 822-6353.

Dentistry Treatment Program

Participants with no natural teeth of their own are needed for a complete denture treatment. Patients accepted will be treated now through May. Call Mon-Fri, 10am-3pm, at 822-5668.

Native Health Awareness Days '92

Speakers: Kla-Kisht-Ke-Iss, Simon Lucas, Nuu Chah Nulth and Jennie Joe, PhD, director, Native American Research and Training Centre, Tucson. Mar. 12-13 in IRC #1 at 12:30pm. Call 822-5613/2115.

Weight Worriers Support Group

Sponsor: Women Students' Office. Facilitated by Sandy Friedman. Thursdays through Mar. 26 (exc. Feb. 20). Brock Hall 261 from 4-6pm. Call 822-2415.

High Blood Pressure Clinic

Volunteers (over 18 years) needed, treated or not, to participate in clinical drug trials. Call Dr. J. Wright or Mrs. Nancy Ruedy in Medicine at 822-7134.

Thunderbird hoopsters court success

By ABE HEFTER

The words roll off Misty Thomas's tongue.

"The weekend of January 3rd at the Lady Wesman Classic in Winnipeg. That, in my mind, was the turning point of our season."

The women's Thunderbird basketball team, under Thomas's guidance, went into Winnipeg last month with a Canada West conference record of 2-and-4. Since then, the T-Birds have put together a winning streak that has guaranteed them a berth in the conference championships Feb. 28-29 in Victoria.

Prior to the start of the season, Thomas was convinced her team had enough talent to go to the national championships. But she says it wasn't until the Lady Wesman Classic that the players truly believed it themselves.

"The Winnipeg tournament featured six of the top-ranked teams in the country," said Thomas.

"On off times, we would sit in the stands and watch

these teams play. It was then that the players came to the realization that they were as good as the top competitors in Canada."

The T-Birds won the consolation final, emerged from the tournament with their first top-10 Canadian Interuniversity Athletic Union (CIAU) ranking of the season, and haven't looked back since. After

Winnipeg, they reeled off six straight wins before losing to Calgary Jan. 31. The T-Birds came back to beat Calgary the very next day.

It's been almost 20 years since UBC women walked away with a national basketball title, when they took top honors three years running: 1970-71, 1971-72 and 1972-73.

Although Thomas said some peo-

ple in Canadian university basketball circles shook their heads when she predicted the 1991-92 edition of the Thunderbirds could make it to the national championships, there's at least one group of believers out there: her players.

"The players know they can compete with the best teams in the country," said Thomas. "And they are willing to put in the work necessary to win a conference title."

When the final buzzer sounds on the CIAU women's basketball season in March, Thomas's personal playing

season will be just getting under way.

A member of the Canadian national team from 1981-89, Thomas was forced to the sidelines as a result of a knee injury. She spent the next two summers as an assistant national team coach.

However, her injury has healed to the point where she is in a position to help Canada attempt to qualify for the Barcelona Olympics this summer. And she has been invited to join the Canadian team for an Olympic qualifying tournament in Spain at the end of May.



Thunderbirds coach Misty Thomas is eyeing the Olympics after this season.

UBC athletes in the running

By ABE HEFTER

Swimmer Kevin Draxinger and middle-distance runner Lori Durward are finalists for the Sport B.C. university athlete of the year award for 1991.

Draxinger, a science student who graduated with a B.Sc. last year, and Durward, who is in her third year of study in the School of Family and Nutritional Sciences, are among the three finalists selected by a panel of B.C. sports writers and broadcasters.

The winners will be announced March 7 at the 26th awards banquet in Vancouver.

Draxinger was the Canadian Interuniversity Athletic Union (CIAU) 100- and 200-metre champion last year. He also shared the

Bobby Gaul Award with rugby player Jim Yeganegi as UBC's outstanding graduating male athlete.

Durward, an All-Canadian, captured a silver medal in the 1,000 metres at the CIAU indoor track and field championships last March.

The men's soccer team is one of three finalists for team of the year. The T-Birds were CIAU soccer champions for the third straight year in 1991.

Men's soccer coach Dick Mosher and track and field coach Doug Clement were among those selected as finalists for coach of the year. The winner, announced prior to the March 7 awards ceremony, is Ian Birtwell, coach of Canada's World Cup rugby team.

Tennis volleying hard to obtain CIAU status

By ABE HEFTER

A more organized approach to varsity tennis is needed if Canadian universities are to convince prospective students that first-class competition is available in this country, says UBC tennis Coach Patricio Gonzalez.

Gonzalez says until the sport is officially sanctioned by the Canadian Interuniversity Athletic Union (CIAU), top university-bound tennis players will continue to head south of the border, where the lure of tennis scholarships can be irresistible.

Gonzalez said CIAU status would strengthen UBC's ability to draw top students to the university's varsity program by virtue of the establishment of a formal competition schedule that other sports, such as swimming, enjoy.

Attracting tennis players with a high level of athletic capability and academic skills would enrich the reputation UBC enjoys both in the classroom and on the playing field, Gonzalez added.

He explained that a formal competition schedule would also do away with the current ad-hoc setup.

"I'm currently working with tennis coaches from across Western Canada to secure CIAU status," said Gonzalez, a fixture on the UBC tennis scene for the last 10 years.

"This is as close as we've come to doing that, since I've been here."

Gonzalez pointed to the success of

a tournament last month in Calgary as proof that varsity tennis can thrive on the CIAU level.

Men's and women's teams from UBC, Calgary, Alberta, Saskatchewan and Manitoba competed in the Western Canadian Collegiate Tennis Championships from Jan. 2-5. Gonzalez said until CIAU status can be established, this is as close as teams will get to determining national university tennis champions.

"Funding from the President's Allocation Committee made this trip possible for our athletes," said Gonzalez. "And they responded by finishing first in the women's competition and second in the men's event."

Gonzalez said a formal structure would also complement the work being done by the group of highly qualified tennis instructors at UBC, to say nothing of the countless hours of training being put in by UBC varsity tennis players.

"We have a total of 16 players on our men's and women's combined varsity roster," said Gonzalez.

"A total of 10 have been provincially ranked, which gives you an indication of the quality of talent that's on these two teams, and the quality of instruction they're getting."

"We're on the right track," added Gonzalez. "What we have to do is continue to show the CIAU that tennis can support such a move."

Media Services Has Moved

During the week of Feb. 10, we moved to the spanking new University Services Building at 2329 West Mall near Agronomy Road.

While our address has changed, our phone numbers have stayed the same.

Drop by and see us at our new home, or give our customer service representatives a call at 822-5931.

Improve Your Image!

Inside UBC's Campus Planning

New Unit: Permits & Inspections

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BUILDING PERMITS ARE REQUIRED FOR ALL WORK AT UBC (EXCEPT FOR COSMETIC OR MAINTENANCE)
 For Further Information Contact John Kamada (604) 822-8228

People

Tong Louie named Man of the Year

Tong Louie, a member of UBC's Board of Governors, has been named Man of the Year by the Brotherhood Inter-Faith Society.



Louie

Louie was given the honor at the society's 26th annual dinner, held earlier this month to officially kick off Brotherhood Week in Vancouver.

The society's members are drawn from Chinese, Italian, Jewish, Catholic and Protestant service organizations in the city. Its goals are to foster multicultural understanding, Canadian unity and equality.

Louie, a Vancouver businessman, is a member of the Order of Canada and the Order of British Columbia and is a recipient of many other awards.

Tony Dorcey, an associate professor in the School of Community and Regional Planning, will head a 15-month project examining the province's water management legislation.

Working with the Ministry of Environment, Lands and Parks, Dorcey will mediate negotiations between government and non-government groups concerning policy reforms affecting B.C.'s water resources.

Dorcey, assistant director of the Westwater Research Centre, has also been involved in the recent drafting of two major reports by the province's Round Table on the Environment and the Economy.

Commerce and Business Administration Associate Professor **Bob Goldstein** has been named to the editorial board of the Management Information Systems (MIS) Quarterly, one of the leading academic journals in the MIS field.

Goldstein, chair of the faculty's MIS Division, has been at UBC since 1974. His areas of specialization include database management and knowledge-based systems.

Faculty of Forestry Professor **Peter Dooling** has been appointed an advisory member of the executive board of directors of the Outdoor Recreation Council of British Columbia.



Dooling

The council serves the interests of outdoor recreation and nature conservation groups, mainly on provincial land use matters.

Dooling has long been recognized for his work in conservation, recreation and natural areas management.

A faculty member at UBC since 1968, he has won two national awards for his contribution to nature conservation.

Clark Binkley, dean of UBC's Faculty of Forestry, has been appointed to the board of directors of West Fraser Timber Ltd., a public forest products company operating primarily in B.C.

Before coming to UBC, Binkley was a professor of forest resources management at Yale University, where he also received his doctorate in forestry and environmental studies in 1979.

Binkley was appointed dean of the Faculty of Forestry in September, 1990. He currently serves on the board of FORINTEK, FERIC, and the advisory board for EcoTrust, a U.S.-based environmental group.

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Classified advertising can be purchased from Community Relations. Phone 822-6163. Ads placed by faculty, staff and students cost \$12.84 for 7 lines/issue (\$1.81 for each additional word). Off-campus advertisers are charged \$14.98 for 7 lines/issue (\$2.14 for each additional word). (All prices include G.S.T.) Tuesday, February 25 at noon is the deadline for the next issue of UBC Reports which appears on Thursday, March 5. Deadline for the following edition on March 19 is noon Tuesday, March 10. All ads must be paid in advance in cash, by cheque or internal requisition.

For Sale

SCUBA DIVING. Do you want good equipment, top of the line, almost new? This is your opportunity. goggles, snorkel, boots, gloves, fins. All for \$350.00. Can also be sold individually. W: 822-3097 H: 685-6152.

RECYCLE LASER PRINTER CARTRIDGES \$69. refill for EPS cartridges, \$119. with long life drum. Recycle IBM 4019 cartridges. New ozone filters. Save money, reduce waste. Mega Toner Cartridges 980-7197. Free pick up/delivery. Satisfaction guaranteed.

Miscellaneous

DO IT RIGHT! Statistical and methodological consultation; data analysis; data base management; sampling techniques; questionnaire design, development, and administration. Over 15 years of research and consulting experience in the social sciences and related fields. 689-7164.

TIRED OF MAKING MISTAKES ON YOUR TYPEWRITER? Switch to a good, used Atari 130XE personal computer with printer and Atari Writer Plus program for all your typing needs. Also has games. W:822-3097 H: 685-6152.

FIELD HOCKEY: for boys & girls. New season starts April. Register at Dunbar C.C. 10-11.30 a.m., Sundays, Feb. 23, March 1 & 8; Kerrisdale C.C. Wed. Feb. 26, March 4, 5.30-7 p.m. Enjoy a fast, safe team sport. No experience needed. Call 263-5570.

Support girls in science, math, counsellors urged

By CHARLES KER

Girls interested in math and science will need more encouragement in high school if more women are to pursue these interests in university.

This message was delivered to about 140 high school counsellors who visited campus earlier this month for UBC's third annual Counsellor's Information Day.

Maria Klawe, head of UBC's Department of Computer Science, and Professor Indira Samarasekera, with the Department of Metals and Materials Engineering, opened the information session with a lively talk on women in non-traditional fields.

Samarasekera said too much attention is being paid to the debate over whether one gender is more gifted than the other in math and science. She added that the emphasis should instead be on whether Canadians have a mechanism in place to encourage the best girls and boys in the field.

Prefacing her remarks with a brief juggling demonstration, Klawe said, like juggling, anyone can learn math, "it just takes perseverance."

Klawe also pointed out that students need to know the personal and monetary benefits of a career in math and science are just as great, if not greater, than those in medicine and law.

The day-long session included other talks on UBC admissions, Awards and Financial Aid, and new first-year English requirements. Counsellors also toured the First Nations House of Learning, School of Music and the faculties of Applied Science, Science and Law.

"Counsellors need this informa-

tion," said Blair Grabinsky, of the School and College Liaison Office. "This event gives them the chance to learn what's changed on campus and gives them a forum to voice their concerns with UBC's top administrators."

Grabinsky is one of four liaison officers who travel and meet prospective students throughout the year in

more than 215 B.C. high schools and 15 public colleges.

Apart from its annual counsellor's day, the liaison office also provides orientation programs each summer for some 1,400 new students and 500 parents from across Canada. It also organizes about 40 campus visits each year for secondary school groups.

THE UNIVERSITY OF BRITISH COLUMBIA THE JOHN V. CLYNE LECTURES

1992

THE RIGHT HONOURABLE BRIAN DICKSON, P.C., C.C.

Chief Justice of Canada, retired

Born in Yorkton, Saskatchewan, gold medallist in the University of Manitoba's Faculty of Law, officer in World War II with the Royal Canadian Artillery, Brian Dickson practised corporate-commercial law in Winnipeg until his appointment to the Manitoba Court of Queen's Bench in 1963. The recipient of twenty honorary degrees and awards, he served as Chief Justice of Canada from 1984 to 1990. His clear, carefully crafted and often stirring judgments have set a standard for judgment writing in Canada and throughout the English common law world.

Saturday, February 29 - 8:15 PM
Vancouver Institute Lecture

THE CANADIAN CHARTER OF RIGHTS AND FREEDOMS: Has It Americanized the Canadian Judiciary?

Lecture Hall 2, Woodward IRC Building

IS YOUR BABY BETWEEN 2 & 22 MONTHS?



Join our research on infant development at U.B.C.! Just one visit to our infant play-room. Please contact Dr. Baldwin for more information: 822-8231.

Childhood history focus of project

By CHARLES KER

Canadians who grew up before the invention of television often view their childhood as a "golden age." It was also an incredibly busy time, filled with a seemingly endless cycle of schooling and chores.

"The jobs they did might have differed from east to west, but the lives of children across the country were full of work from dawn to dusk," said UBC Professor Neil Sutherland, one of Canada's pre-eminent scholars of Canadian childhood history.

Sutherland, a professor in the Faculty of Education, is working on his second book, *Growing Up in Modern Canada - The Children's Perspective*. Due out in 1993, the book is one of a series written by UBC education professors as part of the Canadian Childhood History Project.

Started in 1984, the \$600,000 project has also resulted in the *Bibliography of Canadian Childhood*, a one-of-a-kind resource compiled by Sutherland, Associate Professor Jean Barman and historian and bibliographer Linda Hale.

Working with about two dozen graduate students, Sutherland, Barman and Hale surveyed every known academic and professional journal in which articles dealing with Canadian children from the earliest times to 1990 might have appeared. They also reviewed all Canadian graduate theses for those which had at least 25 per cent of their content focused on children.

"If you're interested in any aspect of Canadian childhood - be it legal, medical, social or otherwise - it's here," said Sutherland. "It's an important area of research that's never been systematically recorded."

Additions to the bibliography,

there are roughly 16,000 entries, have been made since it was first loaded into the university library's "on-line" computer system in 1986. Completed last fall, the bibliography's two, 500-page volumes will soon be published

and distributed in libraries and universities across North America.

As for the project's research component, Sutherland's work was based largely on some 200 interviews with people born in Canada between 1910

and 1950. His new book will examine how children actually lived their lives at home, at work, at school and at play. It will also deal with how children's lives were affected, or not, by changes parents and other adults planned for them.

Barman's research looks at the relationship between families and schools, particularly how parents have tried to exert control over education in the private and public school systems.

Nancy Sheehan, dean of the Faculty of Education, has explored the role voluntary associations have played in the development of educational policy and curriculum.

Her research looks at community involvement in late afternoon, evening and Saturday activities for children, sponsored by such voluntary groups as the Junior Red Cross, the Imperial Order of the Daughters of the Empire (IODE) and the Woman's Christian Temperance Union (WCTU), the largest-ever women's group in Canada.

The project's fourth participant, scholar Norah Lewis, has examined the ways health and child care services have been provided to children in B.C., Saskatchewan and Ontario. She has also researched the effects of war on Canadian children.

Funding for the project, the majority of which has gone towards graduate research, was supplied by the Social Sciences and Humanities Research Council.



*This Toronto playground scene, taken prior to the First World War, appears on the cover of Professor Neil Sutherland's book, *Children in English-Canadian Society*.*

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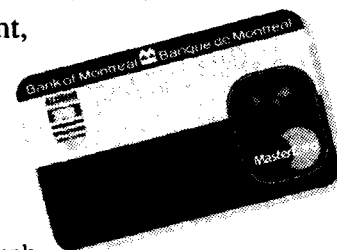
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