



The University of British Columbia
Vancouver, British Columbia

Volume 36, Number 10
May 17, 1990

Drug found to reduce pain from arthritis

BY CONNIE FILLETTI

A team of Canadian medical researchers including an investigator from UBC has found that medication used in the prevention of organ transplant rejection reduces inflammation and pain, and improves joint movement in persons suffering from severe rheumatoid arthritis.

Cyclosporine lessened joint swelling and morning stiffness in one third of the patients receiving the drug after six months of treatment, the researchers report. Previously, cyclosporine has offered significant improvements in long-term heart transplant survival and has helped transform liver transplantation from an experimental procedure to a practical therapy.

Rheumatoid arthritis, a chronic, recurring inflammatory joint disorder, affects more than 200,000 Canadians. In the most severe cases, it can lead to substantial disability and even death. The cause of rheumatoid arthritis is not known.

Rheumatologist Dr. Andrew Chalmers of UBC's Faculty of Medicine was the chief inves-

tigator for B.C.'s clinical trial centre. Six centres in Ontario, Quebec and B.C. involving 144 patients in clinical trials using low doses of cyclosporine began tests in 1987.

"In patients with very severe rheumatoid arthritis, this drug performed as well as some of our standard therapies do in patients with only mild cases," Dr. Chalmers said.

"This type of study could not have been done without the cooperation of multiple centres," he explained. "It is a unique collaboration that is developing in Canada to look at issues related to rheumatoid arthritis."

The \$1.1-million funding for the study was provided by Sandoz Canada, the Ontario Ministry of Health, the Fond de Recherche du Quebec and the Canadian Arthritis Society.



Dr. Chalmers

Provincial program

Researchers win \$2.19 million

A total of 38 projects funded by \$2.19-million in grants will be headed by UBC scientists and engineers under a new provincial research program.

Winners of the Science and Technology Development Fund — Assistance Grants for Applied Research competition were recently announced by Bruce Strachan, Minister of Advanced Education, Training and Technology.

The competition is designed to support applied research and development in all sectors of the economy and regions of the province.

Projects were judged by the volunteer peer review committee of the Science Council of B.C. and were examined on the basis of four criteria: scientific and technical merit, economic potential, planning and the applicants' capabilities and resources.

Altogether, 140 B.C. companies and organizations received a total of \$8.78-million in support of their applied research and development projects.

Awards ranged from \$10,000 to Williams Lake-based New Trend Oil Inc. to \$194,000 to Richmond-based EBCO Industries Ltd. The average award was \$60,000.

Some of the larger grants to UBC included: Philip Hill, Mechanical Engineering, \$142,040 to develop an intensifier-injector for natural gas fuel-

ling of diesels; Tom Tiedje, Physics and Electrical Engineering, \$108,592 for molecular beam epitaxy growth and semiconductor films; \$104,989 for Keith McErlane, Pharmaceutical Sciences, for determination of washout time for antibiotics and their tissue distribution in salmon; John Carlson, Forest Sciences, \$98,500 for DNA marker-assisted selection for weevil resistance in Spruce.

Other UBC projects included:

Stephen Withers, Chemistry, \$90,060 to study environmentally benign control of the fungal degradation of wood projects; John Grace, Chemical Engineering, \$87,080 to develop a new process for natural gas reforming; Hamish Kimmins, Forest Sciences, \$85,440 to study methods of recycling urban sewage sludge and other organic waste as slow release forest fertilizer; Douglas Kilburn, Microbiology, \$84,000 to study high-intensity batch cultures of animals cells.

Law School ranked second in Canada

UBC Law School has been ranked second in Canada by a U.S. rating service.

Only the University of Toronto topped UBC in the 1989 edition of the Gourman Report, a rating of graduate and professional programs in universities in the United States and other countries. It was the first time that Canadian universities were ranked.

"We are delighted," Associate Dean of Law Elizabeth Edinger said of the results, which were widely distributed within the faculty. "It put us right up where we think we belong."

Ratings are based on factors such as qualifications of faculty, requirements for admission, budgets, libraries and curriculum.

Some Canadian law educators have downplayed the Gourman rating system, saying it places too much emphasis on budgets and the number of books in the library and not enough on the intellectual climate of the school.

Others were surprised that York University's prestigious Osgoode Hall was ranked second to last among Ca-

See LAW on Page 2



Photo by Media Services

Rick Hansen (No. 12) helps the British Columbia team at the 1990 National Wheelchair Basketball Championships, part of UBC's Discover Summer celebration. Alberta won the men's division and Red Deer the women's.

McGeer team sheds new light on Alzheimer's

BY CONNIE FILLETTI

Anti-inflammatory drugs may impede the development of Alzheimer's disease in persons with rheumatoid arthritis, a UBC neuroscientist has reported.

Studies by Dr. Patrick McGeer and his colleagues suggest that the prevalence of Alzheimer's disease in patients receiving long-term anti-inflammatory drug therapy for rheumatoid arthritis is unexpectedly low.

Alzheimer's disease is a progressive deterioration of intellectual functions involving irreversible memory loss. It usually occurs between ages 40 and 60 and more often in women than in men. There are an estimated 350,000 Alzheimer's patients in Canada.

Dr. McGeer bases his findings on data from post mortem analyses of Alzheimer's patients, rheumatoid arthritis clinics, Alzheimer's disease clinics and hospital statistics.

Patients over the age of 64 who were diagnosed with Alzheimer's disease, rheumatoid arthritis or both were analyzed. Only .39 per cent of those patients diagnosed with rheumatoid arthritis had Alzheimer's disease, and .50 per cent of those with Alzheimer's disease had rheumatoid arthritis.

The average of several studies on the prevalence of Alzheimer's disease in the over-64 general population is about 2.7 per cent, Dr. McGeer said.

"We know from studies on post mortem tissue that Alzheimer's disease is characterized by low-grade in-

flammation of the brain, but we do not know whether the apparently low prevalence of the disease in rheumatoid arthritis is due to their anti-inflammatory therapy," Dr.

McGeer explained. "One way to find out would be to conduct clinical trials of mild anti-inflammatory agents in early Alzheimer's disease. The best one can hope for is to arrest or inhibit the progression of the disease."

The study was recently published in the British medical journal, *Lancet*. Co-authors were Dr. Edith McGeer of UBC; Dr. Joseph Rogers of the Institute of Biogerontology in Sun City, Ariz.; and Dr. John Sibley of the University of Saskatchewan.



Dr. McGeer

UBC Reports publishing schedule

The next edition of UBC Reports will be published on Tuesday, May 29 to coincide with the beginning of Congregation.

UBC Reports will publish once in each of June, July and August on June 14, July 12 and Aug. 2.

The regular biweekly schedule will resume with the Sept. 6 issue.

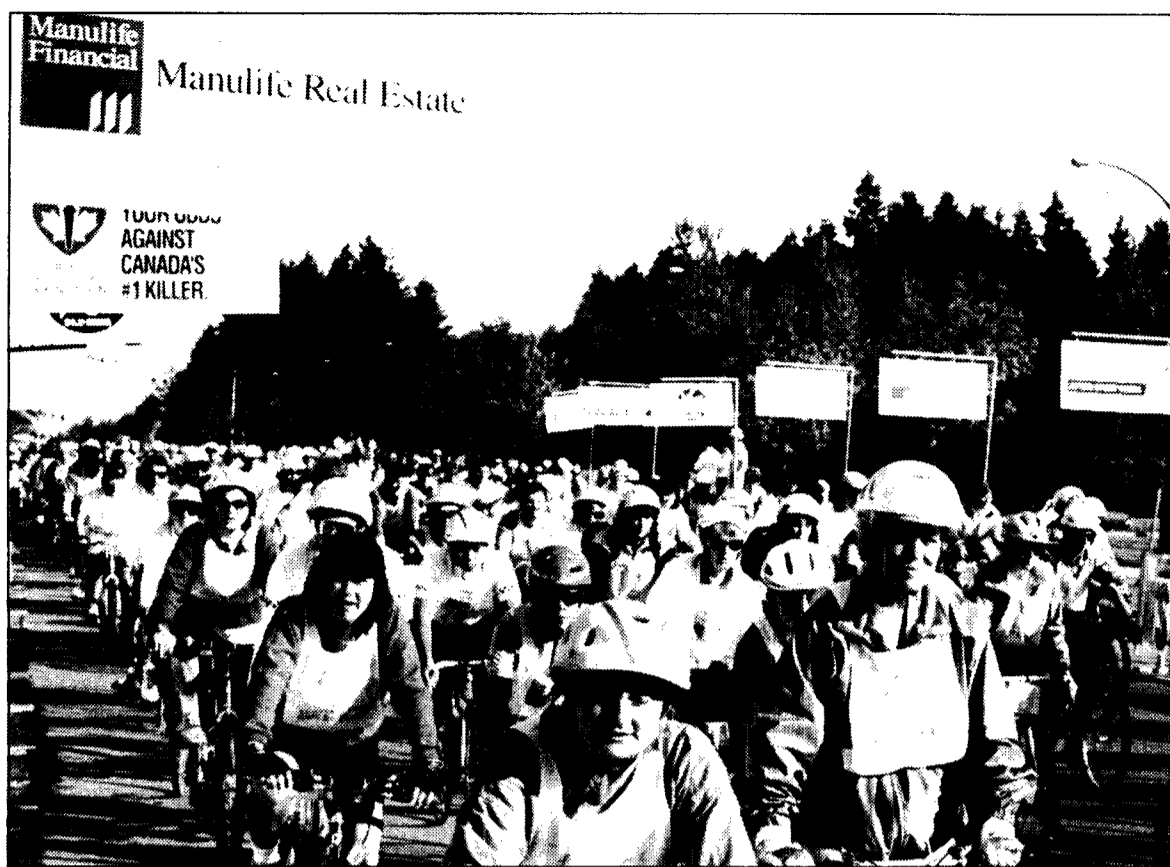


Photo by Steve Chan

More than 5,000 Lower Mainland riders of all ages took part in the 52-kilometre Manulife Ride for Heart in late April which began and ended at UBC. The ride raised money for the B.C. and Yukon Heart Foundation.

Proposals presented for Women Students' Office

A university review of the Office for Women Students recommends that it continue as an independent unit and its mandate, which includes advising, counselling and advocacy, be confirmed.

The review committee, chaired by Associate Dean of Law Elizabeth Edinger, was formed in March, 1989 to advise the President's Office on the need for and effectiveness of the services provided by the Office for Women Students.

"Continuing the Office for Women Students will constitute a positive statement by the university that it recognizes the special needs of women in contemporary society," the committee's report stated.

The committee was asked to review the history of the office, its mandate and functions, its relationship to other student service units and academic departments and examine its effectiveness as an academic support unit.

It was also asked to recommend future directions for the office.

The committee's recommendations included the development of cooperation and coordination between the Of-

fice for Women Students and the Student Counselling and Resources Centre in terms of programs offered.

It also recommended greater coordination among the office, the Women's Studies Programme, the Academic Women's Association and other academic organizations.

A search committee for a new director, chaired by Nursing Professor Clarissa Green, is now being established. Candidates are being sought from within the academic community and in the outside community.

The President's Office has accepted

the review committee's recommendations.

"I'm pleased with the review report and look forward to working with the new director," said K.D. Srivastava, Vice-President, Student and Academic Services.

The review committee members included Green, Chemistry Head Larry Weiler, Faculty of Commerce and Business Administration Assistant Dean Catherine Vertesi, Faculty of Medicine Professor David Godin, and students Mary McBurnie and Lisa Eckman.

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UBC Reports ad deadlines

UBC Reports is now distributed by the Vancouver Courier on the west side on alternate Sundays

Edition	Deadline 4 p.m.
May 29 (Congregation)	May 17
June 14	June 4
July 12	July 3
August 2	July 23
September 6	August 23

For more information, or to place an ad, phone 228-4775

Longhouse event in Fall

The site dedication of the new First Nations House of Learning longhouse has been postponed until the Fall, said Verna Kirkness, director.

The new building, which will resemble a traditional West Coast longhouse, will function as a student centre with a library and meeting and seminar rooms.

Law School ranked

Continued from Page 1
nadian universities.

Canadian law schools, as ranked by Gourman in descending order, are: Toronto, UBC, McGill, Ottawa, Alberta, Dalhousie, Manitoba, Western Ontario, Queen's, Victoria, Windsor, Calgary, York and Saskatchewan.

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UBC Media Services Photography 228-4775

Classified

Classified advertising can be purchased from Media Services. Phone 228-4775. Ads placed by faculty and staff cost \$6 per insertion for 35 words. Others are charged \$7. Thursday, May 17 at 4 p.m. is the deadline for the next issue of UBC Reports which appears on Tuesday, May 29. Deadline for the following edition on June 14 is 4 p.m. Monday, June 4. All ads must be paid in advance in cash, by cheque or internal requisition.

Services

GUARANTEED ACCURACY plus professional looking results with WP5 and HP Deskjet Plus printer. Editing and proofreading. Competitive rates. Pickup and delivery available at extra cost. West End location. Call Suzanne 683-1194.

VICTORIA REAL ESTATE: Experienced, knowledgeable realtor with faculty references will answer all queries and send information on retirement or investment opportunities. No cost or obligation. Call (604) 595-3200. Lois Dutton, REMAX Ports West, Victoria, B.C.

EDITING: Need that final polishing touch? Experienced English PhD Student will edit your MS, thesis, novel, etc for spelling grammar and general style, 536-5137.

NOTARY PUBLIC: for all your Notarial Services including Wills, Conveyancing and Mortgages, contact Pauline Matt, 4467 Dunbar St., (at 28th & Dunbar), Vancouver, B.C. Telephone (604) 222-9994.

HOUSECLEANING: Environmentally friendly. I use products that are less damaging to the environment. Call me to clean your house or teach you how to "clean green." Kelly 732-8927. UBC or 14th and Dunbar area.

CHILDREN 6-12. Professionally run fun summer childcare service on campus. 7:45 am - 6 pm. Excursions, arts/crafts, beach hikes, swimming, etc. Weekly, monthly rates. Call Bonnie or Lynn 228-6424.

Miscellaneous

IS YOUR BABY Between 2 and 24 months? Perhaps you'd be interested in participating in research on language development at U.B.C. Just a one-time visit to our infant play room! Please contact Dr. Baldwin if you'd like more information: 228-6908.

JIVE CLASSES. Will be offered by UBC Dance Club starting Thursday, May 3rd, 7.30-8.30pm in the Osborne Gym. Lessons run for 5 weeks. \$25 per person (couples not necessary). Space is limited. Call 228-3248.

HELP! Our wooden sign from "The Shop in the Garden," UBC Botanical Gardens was "borrowed" by naughty little elves last week. Please return it and receive our heartfelt thanks, or call us at 228-4529 with any information you have that might lead to its recovery.

UNIVERSITY HOSPITAL, UBC site would like to offer you the opportunity to meet new people, assist others and learn new skills through volunteering. Help is currently needed in our gift shops, a variety of activity programs and visiting. Call Volunteer Services Association 228-7528 or 228-7384.

Employment

INTERNATIONAL COMPANY expanding and needing part-time people who want to earn \$500-\$1500/month. Commission and photography. Call 736-0492.

For Sale

1985 PONTIAC Fiero GT. 6 cyl, sunroof, power windows. Black: \$6850 P.C.M. Prestige Motor Cars. 266-6088.

1985 PEUGEOT 505 STI Auto fully equipped, AC, power sunroof, p.w., p.l., p.s., p.b. P.C.M. Prestige Motor Cars. 266-6088.

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Summer Dental Clinic helps Vancouver kids

BY CONNIE FILLETTI

School-age children from Greater Vancouver requiring extensive dental care and financial assistance have only one place to turn to in the province — UBC's Summer Dental Clinic, organized and operated by the Faculty of Dentistry.

Approximately 1,000 children between the ages of six and 12 will be bused in from as far away as Chilliwack to receive dental care at this year's clinic, running May 7 to June 15.

"There are literally thousands of children who wouldn't have anywhere else to turn without this program, the only one of its kind in the province," said Dr. Jack Hann, coordinator of the clinic with Dr. John Silver for the past five years.

The provincial government has funded the Summer Dental Clinic at UBC since it began operation in 1974. The grant pays for supplies used at the clinic as well as the transportation of the children, and provides a small stipend to the third and fourth year students from the Faculty of Dentistry

Johal named to Board of Governors

Asa Johal, founder of Terminal Sawmills, has been appointed to UBC's Board of Governors.

Johal is a member of numerous associations including the Council of Forest Industries in B.C. and the North American Lumber Wholesalers Association. He is also active in the International Punjabi Society and B.C.'s Children's Hospital.

"The role of board members in the leadership and governance of our universities is very important," said Bruce Strachan, Minister of Advanced Education, Training and Technology, in making the announcement. "Mr. Johal's background and expertise will be a valuable asset to the Board."

UBC President David Strangway added that the university is honored to have Johal, with his long-standing commitment to community service, join the Board of Governors.

Johal's appointment is for three years effective immediately.

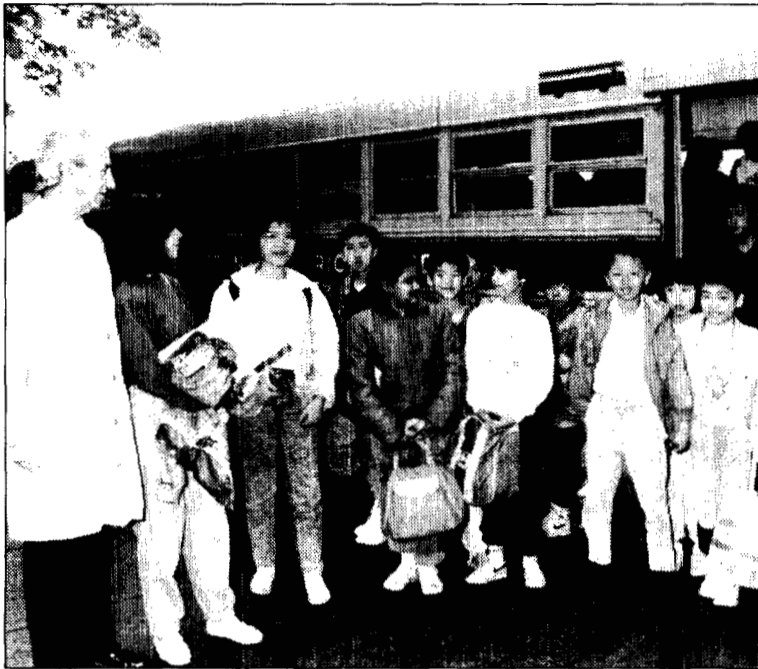


Photo by Media Services

Dr. Jack Hann (left) greets children from the Vancouver area arriving at UBC's Summer Dental Clinic.

who perform the dental treatments.

Ministry of Health personnel visit schools in the health jurisdictions of Burnaby, Richmond, New Westminster, Coquitlam, Surrey and Vancouver throughout the year, identifying children in need of dental care.

Their lists are then sent to UBC's Faculty of Dentistry for consideration. Applications for treatment at the clinic are assessed according to urgency and financial need, Dr. Hann explained.

Each Summer Clinic day is divided into two clinical sessions of three hours duration. The children first undergo oral examinations, x-rays and diagnosis. They may then receive oral treatments ranging from temporary fillings

to crowns and extractions.

"About 25 per cent of all people in B.C. don't have dental coverage," said Dr. Hann. "If a child's family doesn't have funds to visit a dentist on their own they don't get dental care. It's as simple as that. But the children who come to our clinic can get access to care of all kinds, no matter how extensive or costly."

During its six weeks of operation last year, the Summer Dental Clinic treated about 800 children in the combined regions within the Greater Vancouver area.

The estimated value of dental services provided was almost \$200,000, or about \$230 per child.

Calendar

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Fitness Appraisal

Physical Education and Recreation, through the John M. Buchanan Fitness and Research Centre, administers physical fitness assessments. Students, \$25, others \$30. Call 228-4356.

Surplus Equipment Recycling Facility

All surplus items. Every Wednesday, noon-3 pm. Task Force Bldg, 2352 Health Sciences Mall. Call 228-2813.

Neville Scarfe Children's Garden

Located west of the Education Building. Free admission. Open all year. Families interested in planting, weeding or watering the garden, call Gary Pennington at 228-6386 or Jo-Anne Naslund at 434-1081.

Botanical Garden

Open every day from 10am-7pm. Free admission Wednesdays. Call 228-3928. (Also see: Discover Summer At UBC.)

Nitobe Garden

Open Monday to Friday, 10am-7pm. Free admission Wednesdays. Call 228-3928.

Table tennis championship set

By RON BURKE

Which Olympic sport reportedly was originally played by members of the British Army in 19th century India with champagne corks and cigar box tops across a table divided by a row of books?

The answer is table tennis and from Friday, May 18 to Monday, May 21 the War Memorial Gym will be the site of furious table tennis action. The Canadian championships will be decided over the long weekend, with events getting underway at 9 a.m. Friday. This is a return engagement at the gym for the championships — they were also held there in 1979. For more information call 737-3000.

SUMMER PROGRAM FOR RETIRED PEOPLE

Seniors are an active, growing segment of the UBC community and the Centre for Continuing Education has developed a summer program just for them. Courses run for a week at a time, at a cost of \$29 per week. Offerings will include thought-provoking lectures and discussions on topics ranging from politics and religion to Shakespeare and Picasso.

There will also be opportunities for hands-on experience with user-friendly computers. There are no prerequisites for any of the courses, which run from 9:30 a.m. to noon, Monday, May 28 to Friday, June 22.

Registration before May 22 is recommended. And for those wanting a real taste of university life, campus accommodation is available. For more information call 222-5237.

CONGREGATION MAY 29-JUNE 1

Director of Ceremonies Dr. C.E. Stonecker and his team in the Ceremonies Office are hard at work preparing for Congregation, which will be held at the War Memorial Gym from Tuesday, May 29 to Friday, June 1.

More than 5,500 students are scheduled to receive their degrees in eight ceremonies spread out over four days. Twenty-three honorary degrees will also be

awarded. Recipients will be recognized for achievements in such areas as public service, research, the creative and performing arts, broadcasting and law.

NIGHT OF 1,001 DINNERS

Again this year UBC President David Strangway will host a fundraising dinner at Norman MacKenzie House as part of Vancouver Opera's Night of 1,001 Dinners. On Friday, June 8 a total of 29 dinners will take place in Vancouver to benefit the VO.

This year's theme at MacKenzie House will be Alice in Wonderland. Guests in Victorian period attire, or costumed as a character from the children's story will play croquet before enjoying dinner and entertainment.

Singer Ann Mortifee is the celebrity guest. Tickets for the fundraiser are available from Vancouver Opera at 687-2871.

SPECIAL OLYMPICS AT UBC JULY 10-15

Another national sporting event at UBC this summer is the Canadian Special Olympics, which, in keeping with the Olympic tradition, are held every four years. From Tuesday, July 10 to Sunday, July 15 about 800 athletes will be at UBC to compete for the sheer joy of participating.

Most of the events (aquatics, power lifting, rhythmic gymnastics and soccer) will be held at UBC, while track and field and bowling will take place off-campus.

Teams of mentally handicapped athletes from all 10 provinces and two territories will compete, including about 150 B.C. participants. Opening ceremonies will take place on July 11 at B.C. Place Stadium, featuring honorary games coach and former Vancouver Canucks hockey star Dave "Tiger" Williams.

Each event also has an honorary coach, including UBC's 1984 Olympic gold medallist Lori Fung for rhythmic gymnastics. For more information call 737-3105.



Computers on the Go!

The UBC Computer Shop is moving up to new heights. By June 1st, we will be serving your personal computer needs on the mezzanine level of the Bookstore. Drop by and check out our new location.

UBC BOOKSTORE
UBC Computer Shop. 228 - 4748






May 20 - June 2

TUESDAY, MAY 22

Biochemistry Seminar

 Gene Transfer In Murine B Cells Using Retroviral Vectors and Cytokine Regulation of B Cell Differentiation. Dr. Kenneth Grabstein, Immunology, Immunex, Seattle. IRC #1 at 3:30pm. Call 875-4011.

Medical Genetics Seminar

Congenital Muscular Dystrophy And Brain Malformations. Dr. David Wargowski, Med. Genetics, University Hospital, Shaughnessy Site. IRC #4 at 8am. Coffee at 7:45am. Call 228-5311.

Pulp And Paper Centre Seminar


Liquid Crystalline Cellulose Derivatives. Dr. Derek Gray, Pulp/Paper Research Institute of Canada and McGill U., Montreal, PQ. Pulp/Paper Centre, 2385 East Mall, Seminar Room 101 from 2-3:00 pm. Call 228-8560.

WEDNESDAY, MAY 23


Microbiology Seminar

T Cell Development In TCR Transgenic Mice. Dr. Doug Carlow, Postdoctoral Fellow, Microbiology, UBC. Wesbrook 201 from 12:30-1:30pm. Call 228-6648.

Orthopaedics Grand Rounds

 Teaching And Learning Orthopaedics. Alan Graham-Apley, London, England. Chairman: Dr. Robert McGraw. Eye Care Centre Auditorium at 7:30am. Call 875-4646.

Economics Departmental Seminar

 Public Policies In The Supply Of Child Care Services. James Walker, U. of Wisconsin, Madison. Host: Prof. C. Riddell. Economics Conference Room, Buchanan Tower 910 from 4-5:30pm. Call 228-2867.

THURSDAY, MAY 24

Robotics/Automation Lecture

Final for 1989/90 of the CICRS Distinguished Lecture Series. The Potential Of Robotics. Dr. Michael Brady, Prof. and Head, Engineering Science, Oxford, England. Civil/Mechanical Engineering Building 1202 from 1-2pm. Call 228-6894.

Biotechnology Laboratory Seminar

Gene For Gene Interaction Specifying Disease Resistance In Plant-Bacterial Interactions. Dr. Brian Staskowitz, U. of California, Berkeley. Wesbrook 201 at 4pm. Call Dr. L. Glass at 228-3155.

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 1W5. Telephone 228-3131. Advertising inquiries: 228-4775. Director: Margaret Nevin Editor: Howard Fluxgold Contributors: Connie Filletti, Paula Martin, Jo Moss and Gavin Wilson.



Please recycle


CALENDAR DEADLINES

For events in the period June 3 to June 16 notices must be submitted by UBC faculty or staff on proper Calendar forms no later than noon on Friday, May 18 to the Community Relations Office, 6328 Memorial Rd., Room 207, Old Administration Building. For more information call 228-3131. Notices exceeding 35 words may be edited.


Chemical Engineering Special Seminar

Dynamic Interfacial Tensions Between Acidic Oils And Alkaline Solutions. Dr. Vladimir Hornof, Syncrude Canada/U. of Ottawa. ChemEngineering 206 at 3:30pm. Call 228-3238.

Psychiatry Academic Lecture Program

 Seasonal Affective Disorder-The Alaskan Perspective. Dr. Carla Helleckson, Clinical Asst. prof., U. of Washington, Providence Sleep Disorders Centre, Seattle. University Hospital, UBC Site 2NA/B from 8-9am. Coffee and muffins at 7:45am. Call 228-7325.

African Student Association (UBC) Video

 Mozambique: The Struggle For Survival. Examines the origins, the effects on the people and the economy of the war with the Renamo. Everyone welcome. Free refreshments. International House Lounge at 5pm. Call 738-5917.


MONDAY, MAY 28

Biochemistry Seminar

The lck Gene In Oncogenesis And T-Cell Function. Dr. Jamey Marth, Biomedical Research Centre, UBC. IRC #4 at 3:45pm. Call 228-2792.

TUESDAY, MAY 29

Statistics Seminar


 Bayesian Belief Network Models In Medical, Ecological and Cognitive Sciences. Dr. Timothy C. Haas, Statistics, U. of Washington, Ponderosa Annex C 102 at 4pm. Call 228-3167.

Pathology Special Lecture

The Clinical Use Of The Polymerase Chain Reaction. Dr. K.A. Fleming, Oxford U. Taylor Lecture Theatre, Laurel Street Pavilion 1, Vancouver General Hospital from 9-10am. Call 875-4577.


WEDNESDAY, MAY 30

Orthopaedics Grand Rounds

 Orthopaedics And Research Study Design. Drs. Martin Schecter and Sam Shep, both Epidemiology, UBC. Chairman: Dr. P. J. O'Brien. Eye Care Centre Auditorium at 7:30am. Call 875-4646.

THURSDAY, MAY 31

Biotechnology Laboratory Seminar

 Designing Metabolic Pathways With Novel Activities. Dr. Kenneth Timmis, National Research Centre for Biotechnology, Braunschweig, West Germany. IRC #3 at 4pm. Call Dr. M. Smith at 228-4838.

DISCOVER SUMMER



Botanical Garden Theme Tours

May theme is alpine and native plant life. Tea available. May 27 at 10:30am and 1:30pm. Call 228-4028.

Spring/Summer Sports Program

Adult and children's recreational sport programs. Continues to August 30. Call Community Sport Services at 228-3688

Picnics On The Point

Combine a variety of complete picnic packages and barbecues with visits to pools, museums, gardens and other campus attractions. Available for groups from 2-500. Call Food Services at 228-6828.

Campus Tours

Special walking tours of campus facilities and attractions. Continues until August 31. Monday to Friday from Student Union Building 10am, 1pm and (by arrangement) 3pm. Call 228-3777.

B.C. Asian Art Exhibition

Featuring six prominent local artists who specialize in Asian themes and techniques. Continues until May 27 in the Asian Centre Auditorium. Tuesday to Sunday, 11am-5pm. Call 228-2746.

Outdoor Theatre For Children

The UBC Summer Players present Androcles and the Lion. A family show. Until August 17 at the west side of Student Union Building. Monday, Wednesday and Friday at noon upon completion of the 10am campus tours. Call 228-2678.

UBC Summer Strings Concerts

A series of concerts by a select group of string players from the School of Music. May 23 and 30, 12:30pm. Tickets \$2 at the door. May 24 at 8pm. Adults \$8, senior citizens and students \$4. School of Music Recital Hall. Call 228-3113.

Summer Program For Retired People

Twenty course options including anthropology, music, geography, literature, current events and computers. May 28-June 22. From 9:30am-12noon Monday-Friday. Call Centre for Continuing Education at 222-5237.

Annual Congregation

Annual congregation for conferring of degrees in course and honorary degrees. May 29-June 1 at War Memorial Gymnasium. Morning ceremonies at 9:30am; afternoon ceremonies at 2:30pm.

Summer Stock Theatre

UBC Players present Cole, a musical revue of Cole Porter's greatest hits. With drinks and desserts, cabaret style. Tickets \$10. Group discounts available. May 22-August 11 in the Dorothy Somerset Studio at 8pm. Reservations 228-2678.

For The Record

Documents from the UBC Fine Arts Gallery archives 1948-1990. Continues until July 28 at the Fine Arts Gallery. Tuesday-Saturday, 1-5pm. Call 228-2759.

Dairy Barn Tours

Five tours daily including during milking times. Until August in the Animal Science Dairy Barn, 3473 Wesbrook Mall. Call 228-4593.

Triumf Tours

Tri-University Meson Facility containing the world's largest proton-beam producing cyclotron. Not recommended for children under 14. Parts of the route may be difficult for the pregnant or handicapped and persons with pace-makers should not take the tour. May through August, weekdays at 11am and 2pm. Call 222-1047.

Canadian Table

Tennis Championships
First time in Vancouver since 1979. May 18-21 at War Memorial Gym. Call 737-3000 loc. 2012.

NOTICES

Physiology International Symposium

Amino Acids and Neurotransmitters. Twelve internationally renowned speakers. Fee: \$100. May 28-29 in IRC. Call J.R. Ledsome at 228-2671.

Newman Association 50th Anniversary

Vancouver branch. Celebration May 26-27 at St. Mark's College and The Faculty Club. Pre-registration required. Call 922-0493 or 732-6296.

One/two day business seminars. May 20-June 2 series includes Child Care Policy, \$325; Employment Law, \$450; Inventory Management, \$595; Dealing With Troubled Employees, \$495. Call 224-8400.

Hispanic/Italian Studies Colloquium

7th colloquium of Catalan Studies in North America. Most of the papers will be given in Catalan. May 23-26, foyer of Walter Gage Towers at 10:15am. Call 228-2268.

AMS/UBC Job Link

A summer-long service which links employers in private, public and non-profit organizations with qualified, capable UBC students looking for career-related work. Register or post a job at SUB 100B, Monday-Friday from 8am-5pm, FAX 228-6093 or call 228-JOBS.

Language Programs/Services

Japanese and Mandarin Intensive weekend at Lake Okanagan Resort, May 19-21. Non-credit, conversational. Fee: \$300 includes meals and tuition. Call LP/S, Centre For Continuing Education at 222-5227.

English Language Institute Professional Development

Series for practicing language teachers. Topics range from Teaching Literature In The ESL/EFL Classroom to Using The Language Lab. One/two evenings per week; primarily Tuesdays from 7-9pm. Through June. Call 222-5208.

CNPS Quarter Century Reunion

Call for registration. All CNPS students, alumni, associates, faculty and staff are

invited to meet old friends and make new ones at Counselling Psychology's 25th Year Reunion. Call 228-5259.

International House Reach Out Program

Local students/staff/faculty correspond with international students accepted to UBC. Act as contact and provide useful information to incoming students while making global friends. Canadians and Internationals welcome. Call 228-5021.

Sleep Disorders Study

Volunteers 18-45 years suffering from Chronic Insomnia needed for a study on sleep-promoting medication (hypnotics). Must be available to sleep overnight at a lab for five nights. Call Carmen Ramirez at 228-7927.

Career Development Study

Research study on communication between parents and adolescents regarding career and educational choices. Young people aged 12-19 and one parent needed to participate in an interview. Call Dr. Richard Young at 228-6380.


Hypertension in Pregnancy Study

Pregnant women, concerned about their blood pressure, are invited to participate. The study compares relaxation training with standard medical treatment (own physician). Call Dr. Wolfgang Linden at 228-4156.

Daily Rhythms Study

Volunteers needed, aged 30-40 and living with a heterosexual partner, to keep a daily journal (average 5 min. daily) for 4 months, noting patterns in physical/social experiences. Call Jessica McFarlane at 228-5121.

Post Polio Study

 Persons with polio needed for functional assessment and possible training programs. Elizabeth Dean, PhD, School of Rehabilitation Medicine. Call 228-7392.

Multiple Sclerosis Study

Persons with mild to moderately severe MS needed for study on exercise responses. Elizabeth Dean, PhD, School of Rehab. Medicine. Call 228-7392.

Back Pain Research

Volunteers needed for magnetic resonance imaging of healthy spines. Men/women aged 18-60, non-pregnant, no pacemakers, no intracranial clips and no metal fragments in the eye. University Hospital employees excluded. Call June 8am-4pm, Monday-Thursday at 228-7720.

Psychology Study

Opinions of teenage girls and their parents on important issues surfacing in family life. Volunteers needed, aged 13-19 plus one or both parent(s). Call Lori Taylor at 733-0711.

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 Margaretha Hoek or Jon Shapiro at 228-6353.

Volunteering

To find an interesting and challenging volunteer job, get in touch with Volunteer Connections, Student Counselling and Resources Centre, Brock 200. Call 228-3811.

Narcotics Anonymous Meetings

Every Tuesday (including holidays) from 12:30-2pm, University Hospital, UBC site, Room 311 (through Lab Medicine from Main Entrance). Call 873-1018 (24-hour Help Line).