

architects chose to differentiate their buildings with variations in material (although most opted for orange brick) and architectural style. Further attention to historical detail has been attempted by incorporating bay windows, brick arches, and mansard roofs into apartment and townhouse design.

The problem of noise pollution – from the Gardiner expressway and the railways – has been the subject of intensive investigation.

Experience showed that buildings with units on only one side of the corridors could successfully act as buffers. Consequently, two of the housing developments on the site. Cathedral Court and Cityhome's eight-storey apartment building, were deliberately designed for this



Pocket playground adjoins townhouses.

purpose. Each one also has triple-glazed, acoustically treated windows on the expressway side and increased internal noise insulation standards. In addition, in the low-rise Cathedral Court, all main living areas, balconies, and patios are located on the north side away from the railway embankment and overlooking a quiet inner street.

Co-operative housing

Cathy Rideout, administrative assistant for Woodsworth Co-operative sponsored by Toronto's Co-operative Housing Federation, says, "I think people came here largely for two reasons; the first was a desire to live downtown, and the second because they wanted to live in the kind of community that a co-operative environ-



Woodsworth and Harmony Co-operative townhouses, with Cathedral Court Homes apartment, Gardiner expressway and Toronto harbourfront (upper left).

ment provides. I think they liked the idea of being part of a new neighbourhood like this". Many people also wanted to be within walking or bicycling distance of their place of work.

Shared interests or ideals have played a part in the various other co-operatives too. The David B. Archer Co-operative has been sponsored by the Metropolitan Toronto Labour Council. The Harmony

Co-operative is an association of 30 Czechoslovakian families who wish to live downtown. Cathedral Court Co-operative is sponsored by a foundation for developmentally handicapped children. Along with its townhouse and apartment units, it will have four group homes designed for children who cannot be cared for in their family home.

(By Julia Weston, Habitat 1980.)



Three-bedroom townhouse in Woodsworth Co-operative has bright kitchen with bay window, compact back yard with spacious deck.

Michael Burns photos

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Reclamation project turns industrial area into residential district

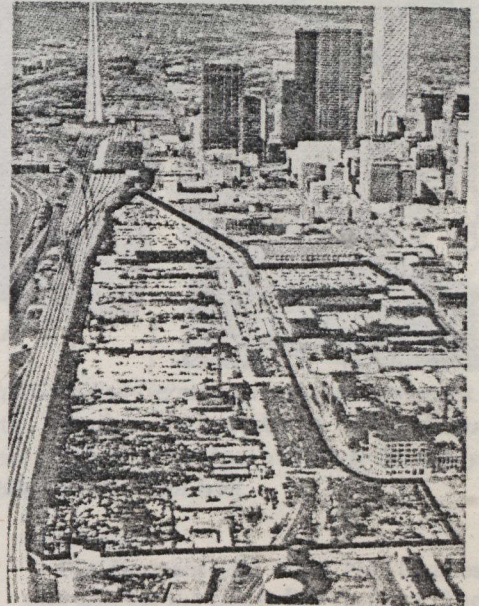
Forty-five acres of marginal-use land, once zoned only for industrial purposes, is being turned into a vibrant residential and commercial area in Toronto. The land reclamation project, considered to be one of the largest of the decade, will provide homes, schools, stores, recreation and health care for an estimated 10,000 people.

The St. Lawrence Neighbourhood stretches for one mile across 11 city blocks. Once it was an almost forgotten part of the city, cut off from Toronto's residential fabric and bounded by a railway line and the Gardiner expressway. Separated from the warehouses and factories of the waterfront, it had been given over to auto wrecking operations, garages, parking lots, abandoned sidings and scrap-yards.

Now, six years after the City of Toronto decided to make it the site of a new residential development designed to "satisfy the needs of people of all ages, interests and incomes", it is being advertised as "a bright new world to live in" with its own "quiet inner streets, pleasant tree-lined promenades, playgrounds, schools, health clinic and neighbourhood stores".

Phase A, the completed first phase of the project, occupies some 7 acres of land bounded by three existing city streets and the railways. Construction began in 1977, and 700 living units have been developed by five separate non-profit corporations — four of them private co-operatives and the fifth associated directly with the City of Toronto and its housing program. The financing comes from Canada Mortgage and Housing Corporation, the Ontario Ministry of Housing and the City of Toronto.

Although St. Lawrence will eventually be a mixed public, private non-profit, and entrepreneurial development, a deliberate decision was made to have the non-profit organizations develop all this first phase. Thus it could be guaranteed that the first 25 per cent of these initial 799 units are eligible for deep rent sup-



St. Lawrence Neighbourhood is outlined by black border.

plement and hence can house those with the lowest incomes.

Affordable homes

Aside from this, however, it has been city policy to keep the project within natural market dynamics and still create "affordable" homes in the downtown area.

Another policy pursued by the city has been to recreate the fabric of the original neighbourhood. The buildings have been designed to fit in with the style and layout of existing city streets. They follow a traditional block pattern in which all family units are accessible from street level, and almost all have private patios or some form of outdoor space.

Apartment buildings, meanwhile, have been kept long and low, and run the full length of the block. A deliberate decision was taken by the city planners to include no high-rise apartments.

Another decision was to have all exterior walls clad in brick, a building material commonly used in the early days of Toronto's development. Individual



QUEBEC

May 6/81

Defence minister attends NATO nuclear meeting

The signing of an agreement between Canada and the federal Republic of Germany for the use of Canadian facilities for German flight training was a highlight of the visit by Defence Minister Gilles Lamontagne to Bonn, April 7-8.

The minister was in Bonn to attend the twenty-ninth meeting of the North Atlantic Treaty Organization's (NATO) nuclear planning group and also to make an official visit to that country at the invitation of the German Defence Minister Hans Apel.

The nuclear planning group is responsible for formulating policy proposals concerning the nuclear affairs of the alliance. Discussions at the session focused on modernization of NATO's long range theatre nuclear forces, theatre nuclear arms control and their relationship to the Strategic Arms Limitation Treaty process.

Canadian representatives to the meeting, chaired by Joseph Luns, Secretary General of NATO included Ambassador J.G.H. Halstead, Permanent Representative of Canada to the North Atlantic Council and Canada's Chief of Defence Staff General Ramsey Withers.

Member countries of the nuclear planning group are: Belgium, Denmark, the Federal Republic of Germany, Greece, Italy, Luxembourg, the Netherlands, Norway, Portugal, Turkey, Britain, the United States and Canada.

Air training pact signed

The agreement signed between Canada and the Federal Republic of Germany provides for the use of facilities at Goose Bay Labrador for low-level flight training operations by the German Air Force.

An exchange of notes was signed in Bonn by Canada's Ambassador to the Federal Republic of Germany Klaus Goldschlag and State Secretary of the Foreign Ministry of the Federal Republic Guenther van Well.

The agreement reflects Canada's continuing resolve to help maintain the deterrent capability of NATO forces. It will remain in effect until December 31, 1983. The agreement follows a successful trial period of flight training conducted by the German Air Force at Goose Bay from July to October 1980. Under the terms of the agreement, the Germans will station up to 200 personnel and 16 aircraft at



Defence Minister Gilles Lamontagne signs the Canadian-German air training agreement. Pictured at the signing are (left to right): Canada's Ambassador in Bonn Klaus Goldschlag, Mr. Lamontagne, German Defence Minister Hans Apel and State Secretary of the Foreign Ministry of the Federal Republic Guenther van Well.

Goose Bay under the supervision of the Canadian Armed Forces who will ensure compliance with Canadian safety regulations.

Senior provincial officials and native groups have been briefed on the training program which has been designed to have minimal impact on wildlife and the en-

vironment.

The Germans join other NATO allies who also use the Goose Bay facilities. The Royal Air Force has used the base to support *Vulcan* bomber training since 1967 and the United States Air Force maintains a small detachment there in support of strategic airlift operations.

Changes in foreign service

The federal government is making changes to consolidate its foreign service operations.

On April 1, some 350 foreign service personnel from the Canada Employment and Immigration Commission (CEIC) were officially transferred to the Department of External Affairs.

The transfer of this group of foreign service officers will not mean a change in the way immigration services are provided to individuals. The Department of External Affairs will be assuming responsibility for delivery of immigration programs abroad. Policy development, program design and legislative interpretation will remain with Employment and Immigration, which will continue to administer the provisions of the Immigration Act and its application at home and abroad.

"All inquiries regarding immigrants, visitors or other individuals involved in the immigration process, should continue to be directed to the CEIC," said Immigration Minister Lloyd Axworthy.

The decision to transfer foreign service officers was based on studies indicating that improved career prospects for personnel, as well as more efficient and effective foreign operations, could be achieved through integration at foreign posts.

As part of the same consolidation plan, the Trade Commissioner Service of the Department of Industry, Trade and Commerce will assume responsibility for the foreign operations of the Canadian Government Office of Tourism.

Under the plan, External Affairs will be responsible for the executive level of the foreign service and will provide program services abroad to the Canadian International Development Agency.

Gold fever in B.C.

Gold — the magnet that drew thousands to British Columbia nearly a century ago — is making a comeback in the province's mining industry, reports the *Canadian Press*.

Ever since the price of the precious metal was allowed to find its own level in the marketplace prospectors and mine developers have been scouring the province's mountains and valleys searching for new deposits and re-examining old mines that became unprofitable years ago.

Preliminary figures show that gold production in British Columbia in 1980 amounted to 233,600 troy ounces worth \$159.4 million (U.S.), indicating that the mines received an average price of \$682 an ounce.

A larger amount of gold was mined in 1979 — 266,140 ounces — but the total value was only \$104.1 million for an average return of \$390 an ounce.

At least two major gold mines are scheduled to begin operations in British Columbia this year — Carolin Mines Limited in the Ladner Creek area northeast of Hope, and Scottie Gold Mines Limited whose Summit Lake property is near Stewart in northwest British Columbia.

These two mines are expected to produce a combined annual rate of about 100,000 ounces of gold worth about \$68 million (Cdn.).

June start

Scottie Gold Mines is working towards a June start-up at a milling rate of 200 tons a day.

President Donald McLeod said additional underground drilling planned for mid-1981 is expected to expand considerably the known reserves of 226,000 tons grading 0.65 ounce gold a ton and minor amounts of silver.

Carolin Mines hopes to begin producing this spring, capping nearly a decade of exploration and development and capital outlays of about \$23 million. Carolin is being financed by the Aquarius Group, a Calgary-based consortium that will retain a 50 per cent interest in the operation.

Several smaller mines are also being readied for operation, including the Baker Mine, the only gold mine in British Columbia to be developed solely by air transportation. The mine is located in the Sturdee Valley, 275 kilometres north of

the northern British Columbia community of Smithers and 97 kilometres from the nearest road.

"Last year we had a *Hercules* aircraft make 200 flights into the property, taking in construction materials and supplies," said Dave Barr, vice-president of exploration in British Columbia for Du Pont of Canada Exploration Limited, which owns and will operate the mine.

Barr has no plans to build a road to the mine, which will employ 40 people, with ten flown out each week for rotating time off.

On Queen Charlotte Island, Consolidated Cinola Mines Limited is negotiating with lenders for the \$170 million needed to bring into production a 10,000-ton-a-day open-pit operation with reserves estimated at 30 million tons averaging .06 ounces gold a ton.

A 50 ton a day pilot mill will be in operation next month crushing ore from a bulk sampling program, said Cinola president Kenneth Sanders.

The ore contains silver values which are not included in the company's economic studies, but which are estimated to run ounce-for-ounce with the gold content.

Researcher wins alcoholism award

The first International Gold Medal for Excellence in Research in the Disease of Alcoholism has been awarded to a Toronto researcher.

The award was presented to Dr. Harold Kalant, director of the biobehavioural research department of the Addiction Research Foundation of Ontario. The medal was given by the Raleigh Hill Foundation established in 1969 in Irvine, California. It is dedicated to encouraging and supporting research and the teaching of human care and treatment for those suffering from alcoholism and diseases related to alcohol abuse.

Dr. Kalant, who is professor of pharmacology at the University of Toronto, was selected for his "contribution to knowledge about the effects of alcohol on brain and behaviour" and because his "lifelong research and dedication have been and continue to be a tremendous asset to the alcoholism field".

Dr. Kalant was born in Toronto, educated at the University of Toronto and did postgraduate work in Chile and at Cambridge.

U.S. Governor presents commemorative flag to Canada



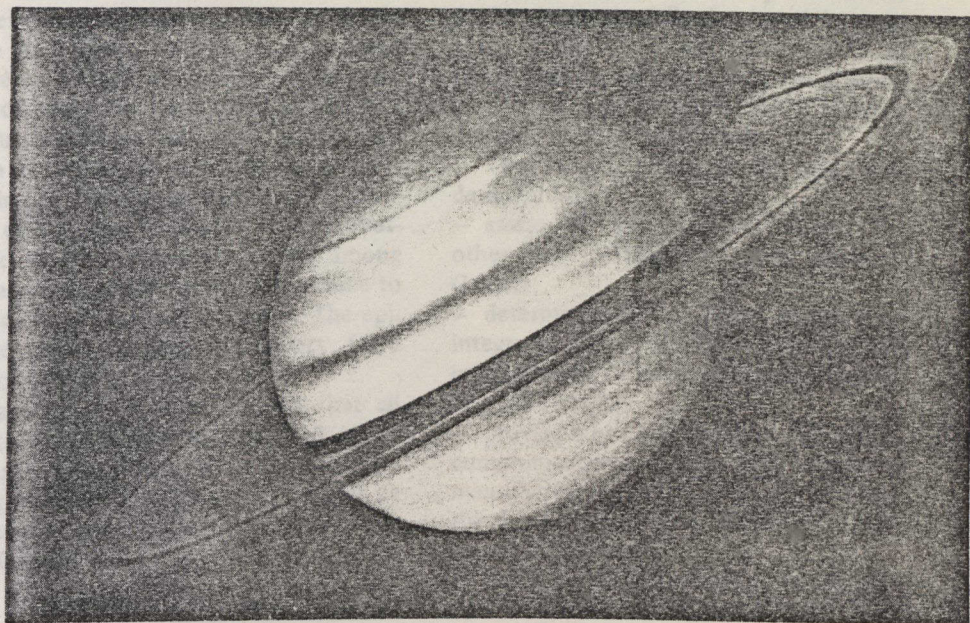
The Governor of Florida Robert Graham (left) presents Secretary of State for External Affairs Mark MacGuigan with a Canadian flag, one of four which flew over the Florida State legislature during the period of captivity of the American hostages in Iran. The four flags were raised in respect of the Canadian government's assistance in the escape of six Americans from Tehran. Governor Graham presented the flag to Dr. MacGuigan during a one-day visit to Ottawa.

Voyages to giant worlds

The Royal Ontario Museum's McLaughlin Planetarium in Toronto focused on Jupiter and Saturn, in a new show called *Voyages to Giant Worlds*, which closed May 3.

Last November, Planetarium producer Paul Deans visited mission control in Pasadena, California, to observe and collect information on the historic flyby of the Saturn by *Voyager 1*. The visuals he obtained of the Saturn space probe and the earlier flyby of Jupiter, formed the basis of the climactic last scenes in the new show.

Voyages to Giant Worlds opened with a look at the current night sky, including the positions and motions of the two planets of particular interest. The solar system as a whole was then briefly examined, emphasizing the distances and differences between each of its planets. The show then followed *Voyagers 1 and 2* as they swept through the Jovian system, exploring the giant planet of banded gas known as Jupiter, as well as its four largest moons — moons made of fire and ice. As the *Voyagers* left the Jovian system, the beautiful many-ringed world of Saturn gradually loomed into view,



Saturn and its satellites, as photographed by NASA's Voyager 1 mission.

flanked by Titan, its huge atmosphere-coated moon.

The show presented some of the wealth of information compiled as a result of the on-going missions of *Voyagers 1 and 2*. For example, the *Voyager 1* 1979 flyby of Jupiter revealed the giant planet to be wreathed by a faint ring. Although more than 6,500 kilometres wide, the ring is

only about one-half kilometre thick! The later probe of Saturn disclosed a close-up view of not just six or seven major rings, but at least 1,000 smaller rings as well.

With the successful missions of *Voyager 1 and 2*, unmanned spacecraft have scrutinized six of the nine planets in our sun's family, unveiling a diversity of worlds undreamed of in bygone eras.

Ottawa leads in high technology

The Ottawa-Carleton region is considered to be the high-technology capital of Canada.

The Commercial and Industrial Development Corporation of Ottawa-Carleton lists 255 high-technology companies in the area.

Central Ontario, with its strip of word-processor, computer and defense electronics companies stretching from Mississauga to Kitchener, is Canada's second such largest area.

The Montreal-Bromont region ranged third with computer, word processor, telecommunication and defence-electronics firms.

A couple of multi-national high-technology corporations have located in Winnipeg, a few other firms have clustered in the Vancouver-Burnaby area, and Nova Scotia and Alberta both trying to develop high-technology bases of their own.

High-technology companies are usually first attracted to an area by its supply of

skilled labour, proximity to customers or availability of research data.

In Ottawa, the federal government gives the industry access to its research laboratories and serves as a major consumer of computer and communications goods. Ottawa is also close to markets in Montreal, Toronto and the United States and has a relatively well-educated workforce.

High-technology firms have a strong record of forming splinter companies, often set up by disaffected employees. Since knowledge, not financing or equipment, is the key to high-technology success, even very small operations can survive and prosper.

Many high-technology companies produce highly specialized products used as components by other firms. These "service" manufacturers like to locate near their main customers, adding to area growth. Grouping together also allows high-technology companies to keep in touch with each other, to create a pool of specialized personnel and to share information, formally and informally.

OECD official visits Canada

Emile van Lennep, Secretary General of the Organization for Economic Co-operation and Development (OECD) visited Ottawa, April 13-15, where he met with several Cabinet ministers.

Mr. van Lennep, who made the visit at the invitation of Secretary of State for External Affairs Mark MacGuigan, also held talks with Minister of Finance Allan MacEachen; Minister of Agriculture Eugene Whelan; Minister of Industry, Trade and Commerce Herb Gray; and Minister of Regional Economic Expansion Pierre De Bané.

They reviewed the principal economic questions on the agenda of the ministerial meeting of OECD countries scheduled for June 16-17 in Paris.

Some of the items to be discussed during the Ottawa Summit, to be held July 20-21, were also examined. Trade, energy and North-South questions were also topics of discussion.

Canada has been a member of the OECD since 1961.

Greek earthquake relief

Canada has announced it will provide an additional \$50,000 in earthquake relief to Greece through the League of Red Cross Societies (LRCS).

The grant comes from the emergency relief budget of the Canadian International Development Agency (CIDA) and will be used to purchase those goods which the LRCS and the Hellenic Red Cross consider to be the most urgent.

Earthquakes measuring 6.6, 6.3 and 5.6 on the Richter scale hit Athens, Corinth and the Greek northwest in late February and early March. While there was no major loss of life, considerable damage was done to houses and other buildings, and approximately 100,000 persons were left homeless. Goods such as tents, camp beds, sleeping bags and blankets are urgently needed and are not available in Greece.

This grant follows a \$25,000 donation to the Red Cross by CIDA last month to airlift 550 parkas to Greece.

Travellers warned about pests

The federal government has begun a public awareness program to inform travelling Canadians of the dangers of bringing back agricultural items to Canada.

The program, with the theme "Don't bring it back", emphasizes that many of the worst pests and diseases of plants and animals arrived in Canada as "hitchhikers" on such agricultural items as plants, seeds and meat. These pests and diseases leave



"Don't bring it back"

their natural enemies behind in their homelands and, as a consequence, do more damage in Canada than in their native countries, according to Agriculture Canada which is mounting the campaign.

Dutch elm disease, now killing Canadian elm trees, is one such hitchhiker, arriving in Canada undetected in a ship-load of logs. The virus that caused an outbreak of foot-and-mouth disease among Saskatchewan cattle in the 1950s came to Canada in an uncooked sausage. The epidemic cost Canadian taxpayers \$800 million to stamp out.

Canadians are being warned that all plants and animals and any plant or animal product, including meat, that are being brought into the country, must be declared to customs at the time of entry into Canada.

Telidon test project gets funding

The federal government has signed an agreement with the Manitoba Telephone System (MTS) for the experimental provision of a variety of new, advanced communications services by fibre-optics, in the rural communities of Elie and St. Eustache, about 50 kilometres west of Winnipeg.

The \$1.4-million agreement covers the second phase of a \$9.5-million project. In addition, the federal government will contribute about \$900,000 for provision of information and other new phase two services by Infomart of Toronto, Canada's largest electronic publisher. With another \$900,000 to be spent on the project by Infomart itself, total costs of phase two would be brought to \$3.2 million.

The new accord covers the cost of supplying and maintaining the digital data facilities necessary to provide new services and 150 Telidon terminals.

Chief among the new services to be provided is Telidon two-way TV. It will be carried over optical fibre cable being installed under the first phase of the project. In this initial phase, the fibre will carry single-party telephone, cable television and FM-stereo radio services. Many of the 150 homes being wired with the advanced cable have had only multi-party telephone service.

Access to data banks

The agreement provides for the use of the fibre-optic links for ordinary telephone

conversations, simultaneously with access to data bases specially developed for rural areas. Other new services possible in phase two are electronic messaging, home computing and computer-aided learning designed to meet rural needs.

The second phase of the project is designed to:

- assess the potential of Telidon and other new services for rural areas of Canada;
- determine the feasibility of using an integrated fibre optics system for the improvement of communications services in rural Canada;
- provide a test bed for service providers, communications carriers and equipment manufacturers to obtain knowledge about the kinds of services relevant to rural communities; and
- foster the development of an information data base which could be marketed domestically and in other countries.

The project is expected to start this fall. The \$6.3-million cost of the first phase is being shared by the federal government (\$3.2 million), the Canadian Telecommunications Carriers Association, including the Manitoba Telephone System (\$2.5 million), and Northern Telecom (\$563,000). The optical fibre is being supplied and installed by Northern Telecom.

Situation in Lebanon

Secretary of State for External Affairs Mark MacGuigan recently expressed grave concern at the outbreak of violence in Lebanon. The large number of reported cases of injury and death of innocent civilians is particularly distressing and must not be allowed to continue, he said.

Canada calls upon all parties to the conflict to refrain from further hostilities and respect the cease-fire, said Dr. MacGuigan. Canada also urges the parties to respect the duly constituted authorities, to negotiate an end to their differences and to work towards restoring stability in Lebanon, he said.

These points are being brought to the attention of the Lebanese and Syrian governments as well as to others concerned.

Dr. MacGuigan announced that if an appeal for assistance to Lebanon were launched by an internationally recognized humanitarian organization, sympathetic consideration would be given to any request for assistance from Canada.

News of the arts

ACTRA awards Nellies

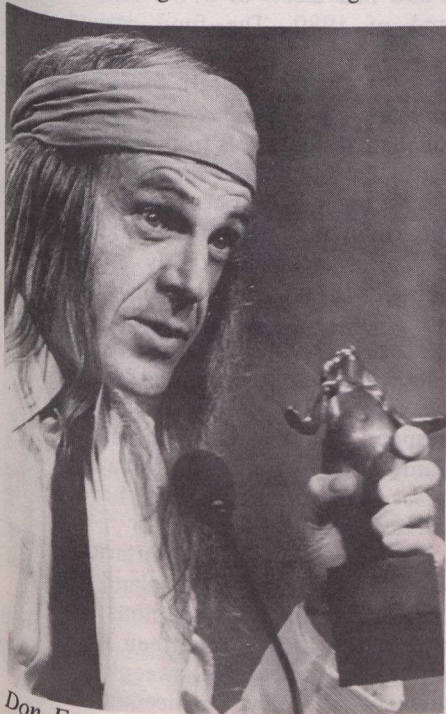
The Canadian Establishment, the Canadian Broadcasting Corporation (CBC) television show that took viewers behind the scenes of the country's boardrooms was the big winner at the annual Association of Canadian Television and Radio Artists (ACTRA) awards ceremony held recently in Vancouver.

Two episodes of the seven-part series, based on the book by Peter C. Newman, tied for top television program. The award was shared by *Ten Toronto Street*, which chronicles Conrad Black's takeover of the Argus Corporation and *Store Wars*, an explanation of the fight for Simpson's, a leading Canadian department store.

As well Patrick Watson, who narrated the series, took the award for best TV host-interviewer and Ted Remerowski won for best TV documentary writing.

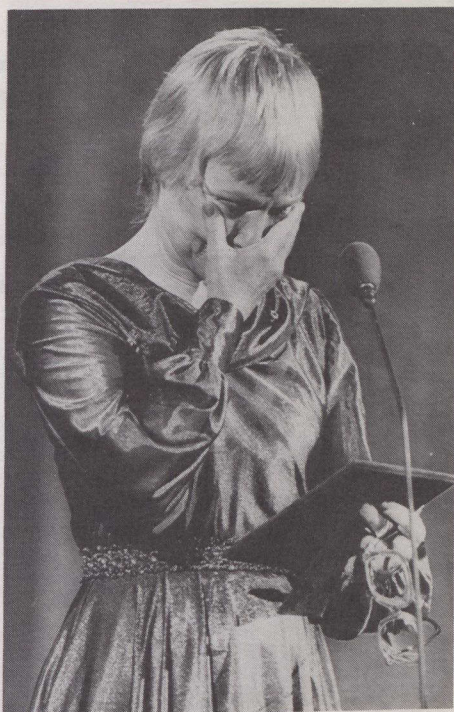
Al Waxman, best known for his role in the CBC television program, *King of Kensington*, won the Earle Grey Award for best acting in a leading role for television. He won for his work in *Winning of Frankie Walls*, part of CBC's *For the Record* series.

Don Francks was awarded the Nellie for best acting in a continuing role in



CP Laserphotos

Don Francks of Toronto wins best actor in a continuing role in television during ACTRA ceremonies in Vancouver. Francks won the award for his performance in *The Phoenix Team*.



Frances Hyland of Toronto sheds tears after being presented with the John Drainie Award for distinguished contribution to broadcasting.

television for his portrayal of a detective in *The Phoenix Team*. Francks took the same award last year for his part as a drunken old man in *Drying Up the Streets*.

Lally Cadeau won the Du Maurier Award for best new performer in Canadian television for her role in *Harvest*, another episode of *For the Record*. Best TV performance in a supporting role went to Mary Pirie in *Lyon's Den*, while Dinah Christie took the award for best variety performance in television for her special *D.C. and Friends*.

In the special categories, Frances Hyland was this year's recipient of the John Drainie Award for distinguished contribution to broadcasting, Eric Malling was presented with the Gordon Sinclair award for outspoken opinions and integrity, while Vancouver's Jim Robson received the Foster Hewitt Award for sportscasting excellence.

In the radio competition, CBC's *Sunday Morning* was cited as 1980's best program and its hosts Bronwyn Drainie and Patrick Martin as the best interviewers. Zoe Caldwell won as top actor for her performance in the dramatic adaptation of *Fifth Business*. Linden Soles took two Nellies — top variety writing and performance — for *The Decade*, aired on CBC's *60 Minutes With a Bullet*.

Australian receives literary award

Australian novelist and poet Roger McDonald has won the Canada-Australia Literary Award for 1980.

The prize worth \$2,500 is intended to help make better known in Australia and Canada the work of each other's writers. McDonald is the fifth recipient of this annual award.

The inaugural award in 1976 went to Australian playwright John Romeril, followed by Canadian writer Alice Munro (1977), Australian poet Thomas Shapcott (1978) and Canadian poet Michael Ondaatje (1979).

Each year an Australian or Canadian writer is chosen by a jury from the other country. This year the Australia Council submitted works by six writers to the Canadian jury. Next year the procedure will again be reversed.

The prize is not restricted to any particular genre: novelists, poets and playwrights are equally eligible. It is awarded for a writer's total output rather than for a single work.

The prize is funded on the Australian side by the Australia Council and on the Canadian side by the Department of External Affairs as part of its program for the promotion of Canadian literature in foreign countries. The award is administered by the Canada Council on behalf of the department.

Roger McDonald was born in Young, New South Wales in 1941. He attended Scots College and the University of Sydney and now lives in Canberra. His volumes of poetry *Citizens of Mist* (1968) and *Airship* (1975), as well as the *First Paperback Poets Anthology*, which he edited, preceded the novel *1915*.

This novel is a powerful depiction of Australia's emergence from its sheltered beginnings onto the world stage amid the carnage of the Gallipoli landings, as seen through the experiences of two boys from the bush who go off to First World War with the Anzac Brigade.

The fourth annual Canadian Images Film Festival — featuring over 300 short and full-length films — recently took place at Trent University in Peterborough. Included were tributes to Australian cinema and to Quebec director Micheline Lanctot (*The Handyman*).

News briefs

The Parti Québécois, led by Premier René Lévesque, was returned to power in the April 13 Quebec election. The Parti Québécois won 80 of the 122 seats in the National Assembly, a gain of 13 over its 1976 election total. The Liberal Party, under Claude Ryan, received 42 seats, while the Union Nationale, led by Roch LaSalle, did not take any seats.

Prime Minister Pierre Trudeau has appointed Dr. William Anthony Paddon, Lieutenant-Governor of Newfoundland. The appointment will take effect on July 10, 1981. Dr. Paddon will succeed Lieutenant-Governor Gordon Winter.

British Columbia Hydro and Power Authority will proceed with development of a \$5 billion coal-fired power generating plant at Hat Creek and will make an application to the B.C. government later this year. A \$600 million scrubbing process will be incorporated into the coal-fired generating plant "to protect air quality and all but eliminate potential acid rain". If licensed by the end of 1982, construction would begin in early 1983 with the first electric power produced by August 1988.

The Esso Chemical Canada division of Imperial Oil will build a \$400-million nitrogen fertilizer plant near Redwater, Alberta. Construction, which would employ 1,000 persons at peak, is to be completed in 1983. Combined with a \$53-million expansion of output of phosphatic fertilizer now under way, the project will be the largest centre of fertilizer production in Canada.

Bombardier Incorporated of Montreal has received a \$40-million order for ten diesel electric freight locomotives from Guatemala Railways. The contract includes spare parts and services. The locomotives will be manufactured in Montreal.



The Canadian Forces "Snowbirds" warm up over the Parliament Buildings in Ottawa. From late spring to early fall the aerobatic team will demonstrate their skills as they participate in 62 airshows at 47 locations. The 11-pilot Snowbird team will perform across Canada and the United States this year. In the U.S. the team will perform at: Douglas, Alaska; Fairchild Air Force Base, Washington; Cincinnati, Ohio; New York City; Chicago, Illinois; Butte Montana; Reno, Nevada; Latrobe, Pennsylvania; Malstrom Air Force Base, Montana; McChord Air Force Base, Washington; and Travis Air Force Base, California.

Deliveries are scheduled to begin in spring 1982 and should be completed during the summer of 1982.

The Port of Vancouver is to receive \$51.5 million for expansion and upgrading to enable it to better deal with transportation pressures, federal Transport Minister Jean-Luc Pepin has announced. The Roberts Bank deepwater bulk port, at present a 50-acre terminal built on a mile-long spit of land south of Vancouver, is to get three more 50-acre terminal sites through a \$35,131,000 dredge-and-fill contract awarded to a joint venture of Dillingham Corp. Canada Ltd. and Sceptre Dredging Ltd., both of Vancouver.

The French government, in co-operation with the Manitoba government is offering a four-week summer course for

21 Manitoba teachers under the France-Canada Cultural Agreement. The courses will be held in Montpellier, from July 6 to August 3, for teachers of French as a first language, and in Quimper from July 2 to 29 inclusively for teachers of French as a second language.

The Export Development Corporation (EDC) has announced the conclusion of a \$1,337,959 (U.S.) allocation under a line of credit with Ceskoslovenska Obchodni Banka, A.S. of Czechoslovakia, to support a \$1,574,070 (U.S.) sale by Tamcon Engineering Limited of Burlington, Ontario. The transaction involves the sale by Tamcon Engineering Limited of one gravimatic casting system of Czechoslovakian design manufactured with Canadian engineering, technology and materials. The machine is a high speed, automatic rotary casting line that produces high quality castings of electric motor endshields in grey iron.

The Ontario government will provide \$13.5 million in grants this year to help non-profit groups in special projects. Projects involved in the International Year of Disabled Persons, public libraries, amateur sports and historical publications will receive special emphasis.

The Alberta Heritage Savings Trust Fund had assets of \$7.98 billion at the end of 1980. The fund earned \$200 million from investments in the third quarter of the 1980-81 fiscal year. The provincial government puts 30 per cent of the revenue it gets from non-renewable natural resources into the fund.

Health and Welfare Minister Monique Bégin has announced a \$40,115 grant for a project sponsored jointly by the Newfoundland and Labrador Division of the Canadian Association for the Mentally Retarded and the Atlantic Office of the Mennonite Central Committee. The two agencies have developed a program to respond to the needs of the mentally retarded in Newfoundland including those areas of the province which have had no services for these people.

Two St. Catharines, Ontario women are the 1981 New Zealand national women's pair-oared champions. Gail Cort and Kathy Lichty kept their undefeated record intact recently, sweeping through the championships to become the first Canadian entry ever to win at the New Zealand rowing championships. The Canadians' convincing victory followed a win at the Auckland championships and at the Karapiro Regatta.

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