



JGH

NEWS

## Meet Dr. Morrie Gelfand



Since his appointment as chief of the JGH department of obstetrics / gynecology in 1977, Dr. Morrie Gelfand has seen the obstetrical division develop into one of the prime tertiary care centres in the country. Designated by the provincial government as a centre for high-risk obstetrical cases, the hospital receives referrals from all over the province and Frobisher Bay. Gelfand attributes this excellent reputation to the dedication and skills of his JGH colleagues as well as to the development and use of some of the newest ultrasound and computerized technology. He mentions, in particular, a computerized system for patient monitoring and evaluation during labour, which at present is being set up. Designed by Dr. Emily Hamilton, a JGH obstetrician, and John Broham, a computer scientist, it has been presented in Boston and Vienna as well as in Ottawa.

Morrie Gelfand, who has delivered more than 14,000 babies over the years, is proud of the remarkable survival rate of small newborns achieved through the collaborative efforts of his department and the department of neonatology headed by Dr. A. Papageorgiou. He is especially pleased with the McGill University Menopause Clinic, which is based at this hospital, and which he co-directs with psychologist Dr. Barbara Sherwin. It has proven to be a valuable resource for women who are approaching and going through menopause. At the same time, their intensive research is shedding new light on the psychological aspects of menopause, as well as on treatment modalities.

Dr. Gelfand is generous in his praise of

*Cont'd on page 12*

## New President Morton Brownstein

The Sir Mortimer B. Davis - Jewish General Hospital announces the election of Morton Brownstein to the position of President of the Centre Board. He succeeds Leo Goldfarb who occupied that position for the past two years.

Mr. Brownstein, who is President of Browns Shoe Shops and a director of several Canadian corporations, including the Republic National Bank of New York (Canada), has been actively involved in community service for many years.

At the present time, he serves as President of the hospital's Medical Research Foundation, chairman of the hospital's development fund campaign, co-chairman of the Joint Investment Committee which is comprised of several Jewish community foundations, chairman of the Multiple Appeals Committee for Montreal and honorary director, Montreal Association for the Blind.



He has received several awards including the Samuel Bronfman Medal (1986) and the McGill Management Achievement Award (1987).

Leonard Ellen and Stephen Vineberg have been elected to serve with Mr. Brownstein as vice-presidents.

## Centre Board Elections

Three major boards of directors govern the affairs of the hospital. The Centre Board oversees the day-to-day operations, the Corporation Board occupies itself with all matters concerning land and buildings while the Medical Research Foundation supervises all corporate and private gifts to our institution.

Elections to the Centre Board of the hospital took place in June, with the following results:

### Elected by members of the Corporation

Morton Brownstein: President  
Thomas Kahn  
Herbert Sibli

### Representative of Jewish Family Services

Stephen Vineberg: Vice-President

### Appointment by the Lieutenant-Governor-in-Council to represent socio-economic groups

Leonard Ellen: Vice-President  
Allan Zilbert

### Representative of Jewish Nursing Home

Leo Goldfarb

### Elected by "Comité des Bénéficiaires"

Norma Betty Benson

### Appointed by "Organismes des Bénévoles"

Phyllis Waxman

### Representative of C.L.S.C.

William Schabas

### Member elected by clinical staff

Helena Albert

*Cont'd on page 4*



## Digital subtraction angiography

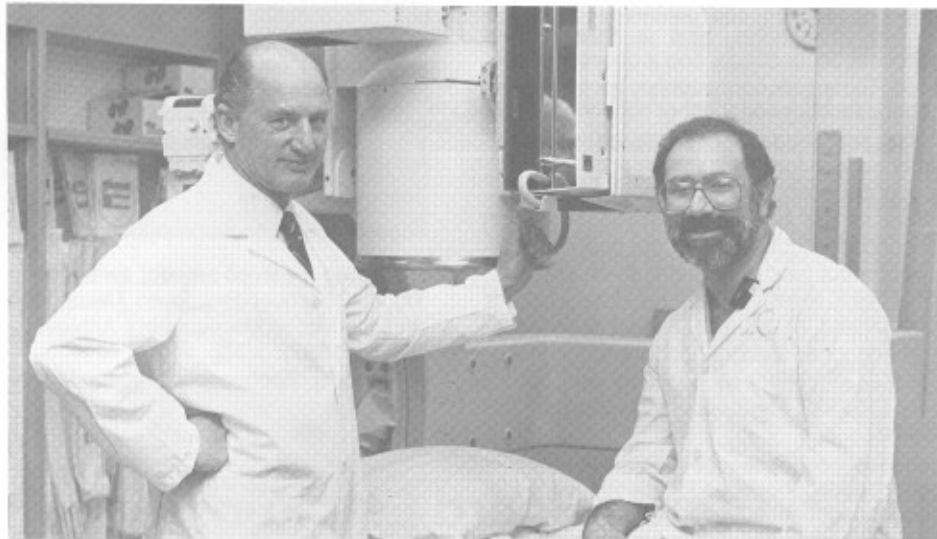
Digital subtraction angiography (DSA) is the most recent addition to the capabilities of the JGH department of radiology.

This new technology is used to study arteries in the neck of patients who have had little stroke warnings and also allows the renal (kidney) arteries in patients with high blood pressure to be examined for narrowings. Angiography, which is the x-ray examination of blood vessels by the injection of a dye into the bloodstream, was introduced at the JGH over 30 years ago.

Now, by connecting the angioscope to a computer that does digital subtraction, radiation can be measured by the computer and converted to an image, rather than directly exposing a radiographic plate. The process of imaging before and after the dye is injected into the vascular system permits

the subtraction of the background leaving only the filled blood vessels. Conventional angiography does subtraction, but this more sensitive computerized system benefits patients as it permits the use of less dye and smaller catheters.

This advanced technological process is performed in a new angiography room in the hospital's department of radiology. In this room, other interventional radiological procedures take place as well. Such non-surgical therapy involves the placing of a catheter into an organ system, eg. to drain or to open an obstructed area. Balloon angioplasty is based upon this concept, while this procedure can have even wider applications including the stretching of bile ducts or a narrow esophagus, using the same principles.



Dr. Richard Satin (right) has been in charge of angiography and interventional radiology at the JGH since 1976. He supervises interventional radiology residents doing their angiography rotation. He is shown in the angiography room with Dr. Max Palayew, chief of the department of radiology.



## Discharge Planning Co-ordinator

The hospital has undertaken a new project with Ms. Yvette Matyas as discharge planning coordinator. She will assist physicians, nurses and other health care professionals with the implementation and amelioration of the discharge planning process, evaluate our current system, and make recommendations for modifications as required. This program should assure patients of a smoother transition from hospital to home or other institution.

Certainly, being admitted to the hospital as a patient can be a frightening experience. However, leaving the hospital may be fraught with anxiety and difficulties as well. Patients may have concerns about their care following hospitalization: what medications will I need? What if I have pain? Other patients upon leaving the hospital may be incapable of bathing or dressing themselves. Many community resources do exist to help patients in their homes. Some patients may need convalescence or long-term placement.

The art of discharge planning is to assess the patient's (and family's) needs as early as possible in their hospital stay and help match the available resources to these needs.

Many health professionals are involved in this process: social worker, nurse, physician, occupational therapist, speech therapist, dietician, physiotherapist, etc.

Ms. Matyas' Master's degree in nursing and her experience as a nurse in the Family Practice Centre of St. Mary's Hospital provide her with an understanding of the physical and psychological issues involved in the complex process of discharge from the hospital.

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Sir Mortimer B. Davis –  
Jewish General Hospital  
to inform the community about hospital  
developments, and to promote mutual  
understanding between the hospital  
and those whom it serves.

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## Israeli Minister of Health visits

The hospital was honoured recently by a visit from the Israeli Minister of Health, Shoshana Arbeli-Almozlino, seated here with Archie Deskin, JGH executive director. She was accompanied by (standing, left to right) Shmuel Algrabi, spokesman for the Ministry of Health and Shraga Haber, director of planning and budget, Ministry of Health. Behind Mr. Deskin is Henri Elbaz, JGH associate executive director-auxiliary services. As part of a North American tour, the Israelis were here to study the Quebec Health Care System.



## Visitors tour hospital!

Shulamit Gur-Aryeh, wife of Israel's newly-appointed Ambassador to Ottawa and Bracha Schirman, wife of the Israeli Consul-General in Montreal, enjoyed a tour of the hospital on May 12. They were generous in their praise of the various departments which they visited, and were extremely interested in Hope and Cope, the program which concerns itself with patients undergoing treatment for cancer in the hospital's department of oncology. In fact, Mrs. Schirman is an active Hope and Cope volunteer.



Pictured above, from left to right: Debbie Sarre, Hope and Cope coordinator; Mrs. Sheila Kussner, C.M., Founder-Chairman of Hope and Cope; Mrs. Schirman and Mrs. Gur-Aryeh.

## Thanks again, Wood Gundy!

Once again the investment brokers of Wood Gundy, Inc. have chosen to donate one day's commission to charitable causes, and for the second time, the JGH Pollack neonatal intensive care unit and its tiny patients will benefit from their kindness.

The brokers at Wood Gundy have demonstrated substantially their sensitivity to community needs and this year have contributed \$15,000 towards the purchase of a cutaneous O<sub>2</sub> & CO<sub>2</sub> monitor which permits the simultaneous measurement of an infant's degree of oxygenation and ventilation. It is the most advanced, sophisticated instrument of its kind, and significantly enhances this hospital's capabilities.



# A Milestone for Herzl!



The Herzl Family Practice Centre just celebrated its "Bar Mitzvah". Thirteen years ago, the centre became part of the Jewish General and McGill as it merged with the JGH family practice centre.

A forerunner of the current CLSC's, the Herzl Dispensary opened its doors as a community health clinic in 1912 on St. Dominique Street and moved several times to accommodate the ever-increasing number of Jewish patients.

**Shown, left to right:**  
Dr. I. Tannenbaum, head of the family practice unit during the merger, Sheila Zittler, president of Herzl at the time of the merger and Dr. M. Klein, chief, department of family medicine.

Former President of the Centre Board, Leo Goldfarb, congratulated Premier Robert Bourassa when the latter had an honorary Doctor of Philosophy degree conferred upon him by Tel Aviv University. Health and Social Services Minister Thérèse Lavoie-Roux is in the centre.



## Centre Board Elections (cont. from page 1)



Leonard Ellen, vice-president

**Member elected by Council of Physicians and Dentists**

Dr. Harold Frank

**Member elected by non-clinical staff**

Jean-Marie Mallet

**Member appointed by affiliated university**

Dr. Bitten Stripp



Stephen Vineberg, vice-president

**Member elected by intern and resident staff**

T.B.A.

**General Manager**

Archie Deskin

**By Invitation**

Dr. Paul Heilpern  
Rosalie Gordon

## Osler Award



The McGill University Osler Award is presented to the teaching member of the medical faculty who, in the opinion of the senior medical class, has contributed most to their medical education.

Dr. Apostolas Papageorgiou, recipient of the 1987 Osler Award, is currently chief of the Department of Pediatrics at the Sir Mortimer B. Davis - Jewish General Hospital and St. Mary's Hospital. In addition, he is staff neonatologist and pediatrician at several teaching hospitals, and is professor in the McGill University Department of Pediatrics and Obstetrics and Gynecology. He maintains active research interests and has numerous publications and awards.

## The JGH-CLSC Connection

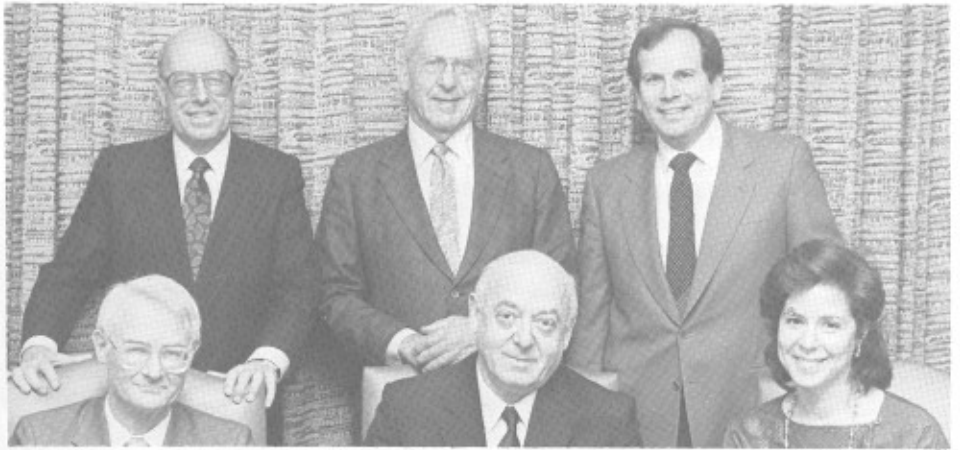
The JGH Department of Family Medicine has established very close links with CLSC Côte des Neiges. In collaboration with CLSC Executive Director M. Jacques Lorion, Drs. Michael Klein and Michael Dworkind are responsible for recruiting and hiring all CLSC medical staff members, each of whom must qualify as a teacher, and must have a McGill University and Family Medicine appointment. At present, these high quality teacher/practitioner roles are filled 2/3 from the JGH family practice unit and 1/3 from St. Mary's. CLSC Côte des Neiges is now a teaching center providing family medicine rotations for undergraduates and post-graduate training for family medicine residents.

## Bertha Mizne Memorial Fund

Brief ceremonies were held recently at the Sir Mortimer B. Davis – Jewish General Hospital, to dedicate the Bertha Mizne Memorial Fund for research in liver and vascular disease, and to inaugurate the Bertha Mizne Memorial Lectureship in liver disease. The inaugural lecture was delivered by Dr. Fenton Schaffner, chief, division of liver disease, Mount Sinai School of Medicine, New York. Mr. Nachum Mizne and his family established the fund in memory of his wife, Bertha Mizne, to promote the training of scientists who plan careers in research.

The hospital is deeply grateful to the Mizne family who, in the words of JGH Director of Research Dr. Norman Kalant, "took the opportunity to turn loss and pain into an opportunity to help others. The best care is often not enough," he continued, "because we don't know enough. Therefore, we must help young scientists study life-threatening illness with the hope that the training they receive will be reflected in better treatment and cure for these diseases."

In response, Mr. Mizne thanked Dr.



**Left to right. Seated: Dr. Norman Kalant, Mr. Nachum Mizne, Hanita Mizne-Brem. Standing: Mr. Morton Brownstein, president of the hospital; Dr. Fenton Schaffner and Dr. Stephen Brem.**

Shaffner, who attended Bertha Mizne during her illness, and "through humanitarian deeds, extended her life." He paid tribute to Dr. Kalant's achievements, saying "It's a comfort to know that lectureship and scholarship will advance science."

In adding his own words of thanks, Dr. Stephen Brem, JGH chief of neurosurgery and Mr. Mizne's son-in-law, summed up the feelings of all who were present when he expressed pride in his father-in-law's generosity and commitment to the hospital.

## Stern Gift Offers Hope

At a reception in his home, Mr. Abe Stern celebrated his remarkable recovery from cancer with a singularly generous gift. Describing his ordeal when struck with the news of his bile duct tumour, and during his months as a patient, Mr. Stern told how he learned the hard way of what it means to have one's life disrupted. He blessed his good fortune at having his family, friends and physicians at his side, along with "the

mother of Hope and Cope, Sheila Kussner". He paid particular tribute to the doctors who cared for him, including Dr. Harry Brenner, head of oncology at Tel Hashomer Hospital in Tel Aviv, who was on sabbatical and working at Sloan Kettering Memorial Cancer Centre while Stern was a patient there.

His gratitude is expressed in the form of a \$200,000 donation. One half will be used

to establish the Abe Stern Hope and Cope Library at the Jewish General Hospital, while the remaining \$100,000 will be used to create a Hope and Cope program in Israel.

Rabbi Sidney Shoham observed during the presentation ceremonies that Abe Stern's greatest gift was to and through himself. "Through your will, your courage, your hope, you have shown in every way that you were able to cope, and so will others."

Hospital President Morton Brownstein thanked Mr. Stern, saying, "Nothing is more meaningful in a Jewish home than books, and the Hope and Cope Library containing books, pamphlets and tapes on how to manage the illness, will serve as an essential resource for patients and their families. Gifts like Abe Stern's," he continued, "mean that the hospital can do more for more people".

Said Dr. Richard Margolese, JGH chief of oncology, "Hope and Cope describes two aspects of what goes on in treating cancer patients. We need something like this to create the other side of the duality of medical care."



**Left to right: Abe Stern, Gaby Stern, Dr. Harry Brenner and Sheila Kussner.**

# Dalse does it again!

The Dalse Welfare Club has been for years an important benefactor to the Jewish General Hospital. Members of this organization have provided many hours of service as well as financial gifts.

At a luncheon meeting on June 16, members of the Dalse executive gathered to present two very handsome cheques...

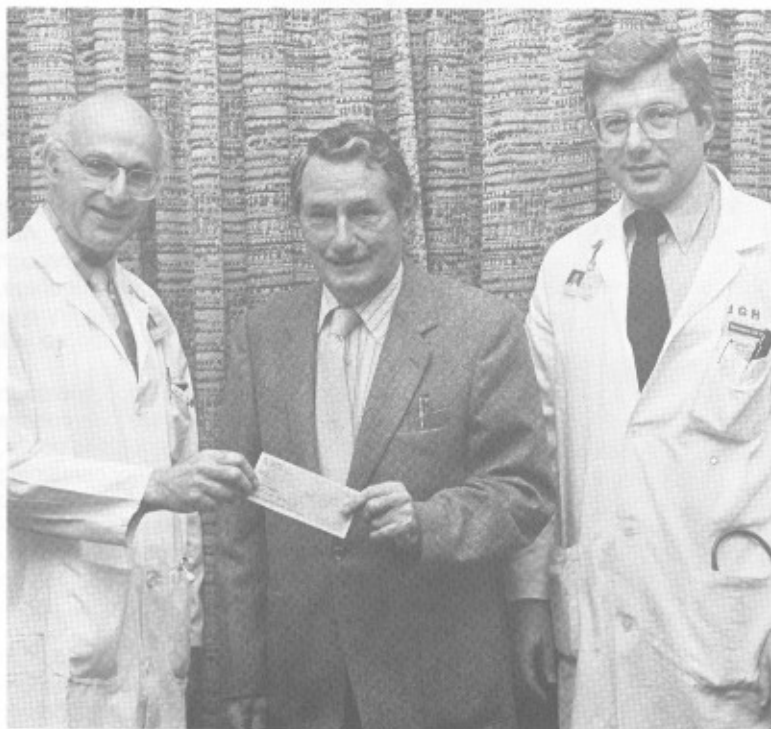
\$28,000 to our department of nephrology for the acquisition of a new-generation dialysis machine, and \$25,000 to the department of neurosurgery towards the purchase of a high-powered ultrasound machine. "Such magnanimous support", responded JGH President Morton Brownstein, "enables us to continue our work to-

wards excellence. We need you."

Dr. Stephen Brem, chief of neurosurgery, and Dr. Michael Davidman of the department of nephrology echoed his sentiments, pointing out how beholden the hospital is to this particular service organization, and stressing the fact that it is the patients who benefit from such supreme generosity.



Seated, left to right: Dalse President Jack Mazer; JGH President Morton Brownstein; Ben Schaffer; Joe Messing.  
Standing, left to right: Harry Mosco; Chief of Nephrology Dr. Danny Bercovitch; Bill Cons; Chief of Neurosurgery Dr. Stephen Brem; Lou Sherman; Hy Haber; Hy Goodin and Dr. Michael Davidman.



Dr. Danny Bercovitch (left), and Dr. Michael Davidman receive Dalse's cheque from Lou Sherman.



Dr. Stephen Brem receives Dalse's cheque from Hy Haber.

# The Auxiliary Reports...

by Rosalie Gordon, president

One of the strengths of our Auxiliary lies in the fact that it is an organization of the community dedicated to serving a community institution. At the 51st Annual Meeting held in March 1987, this was clearly illustrated as The Auxiliary once again reported outstanding contributions to the hospital of \$680,000 and 50,000 volunteer hours. This contribution was made possible only by the commitment and dedication of our members who are crucial to both The Auxiliary's existence and its capacity to serve. They represent our most valuable resource, and education of these members represents one of The Auxiliary's major obligations. In keeping with this commitment, the guest speaker at our General Meeting in May was Dr. J. Dick MacLean, a specialist in Tropical Medicine and International Health, who discussed health problems confronted by people travelling abroad.

Once again, our 7th Annual Bridge Luncheon, which took place in May, was a sell-out. The proceeds of this highly successful and entertaining day are designated towards the purchase of a blood pressure monitor which will be especially helpful in cases of critically ill or restless patients or patients who have had cardiac catheterizations performed.

At the June Blood Donor Clinic, The Auxiliary provided cash prizes and snacks to donors as incentives to meet the unrelenting need for blood.

This spring we began to plan our very popular Look Ahead Show and Fur Follies which will take place on October 20 and 21 and October 27 and 28 respectively. These events do not just happen, but are dependent upon creative and dedicated auxiliaries who donate their time and special skills to make these happenings occur. The doors



of The Auxiliary are always open to anyone who feels they can make a contribution to these forthcoming projects.

As we enter our 52nd year, we continue our strong tradition of support to the "Jewish" as we look for new opportunities to reach out to the community and to enhance patient services. The Auxiliary fulfills this dual obligation with imagination, diligence and conviction, helping to ensure our institution's ultimate success in meeting health care needs. Our purpose remains unchanged and our projects and programs reflect our commitment.



The Pet Therapy program for patients on our long-term ward has proven to be very successful. The elderly patients enjoy the visiting pooches, as shown by the warm exchange between Mr. Jacob Schachter, and Taury, a Bouvier des Flandres.

## Matrox Inc. employees present gift



Matrox Inc. management, an enlightened group to be sure, gave their employees the option of profit-sharing or donating portions of \$50,000 to charity. The 358 employees of this company, which designs and assembles printed circuitry boards, opted to donate the \$50,000 to several organizations, including the Jewish General. The charitable committee recently presented a generous gift at the JGH.

Left to right: The charitable committee of Matrox Inc: Bethel Baker, Jocelyn Carmel, Al Regenstreif, director of JGH Medical Research Foundation, Christiane R. Beaudet, Nicole Langlois.

## International conference organized by LDI



Left to right. Standing: Dr. Schulman, Dr. Ponka. Seated: Sandy Fraiberg and Therese D'Avila, conference coordinators.

Because of the respect that their work has gained in the international scientific community, Drs. Herbert Schulman and Prem Ponka of the JGH Lady Davis Institute for Medical Research were invited to organize the Eighth International Conference on Proteins of Iron Transport and Storage which took place this past May at Chateau Montebello.

The organizing committee included, as well, Bob Woodworth, Ph.D., University of Vermont, and Goetz Richter, M.D., University of Rochester. This year, 174 invited participants attended from 23 countries to exchange new information on iron transport and storage.

"This has always had important implications in the area of hematology, and is emerging as an important field of study in understanding the normal control of cellular growth and its derangement in malignancies," observes Dr. Schulman.

Past hosts of the prestigious biennial conference, beginning in 1973 with the University of London, England, have included: Columbia University, New York; University of Louvain, Belgium; University of California; Sapporo Medical College, Japan; University of Lille, France, while the 1989 conference will be held at the University of Queensland in Brisbane Australia.

Funding for the conference was provided by: Conseil de recherches médicales du Canada, Conseil de recherches en sciences naturelles et en génie du Canada, McGill University, Lady Davis Institute, Medical Research Council, National Science and Engineering Research Council of Canada, U.S. National Institute of Health, International Union of Biochemistry and a number of private corporations.

## Ph.D. defense at LDI

Two graduate students at the Lady Davis Institute received their Ph.D. degrees during April 1987 through the Division of Experimental Medicine, McGill University. Pictured from the left are Dr. Mark Wainberg, his student (Dr.) Louise Poulin, (Dr.) Philip Lazarus, and his supervisor Dr. Lawrence Panasci. Dr. Poulin's Ph.D. oral examination took place in the Lady Davis Institute, and was the first Ph.D. defense to have been held at the Jewish General Hospital. The topic of her thesis was "Gene Expression in Virus-Induced Tumors". Dr. Lazarus studied "The Effects of Drug Treatment on Tumors in Mice". Both students were supported by fellowships from the Cancer Research Society, Inc.



# At the Lady Davis Institute...

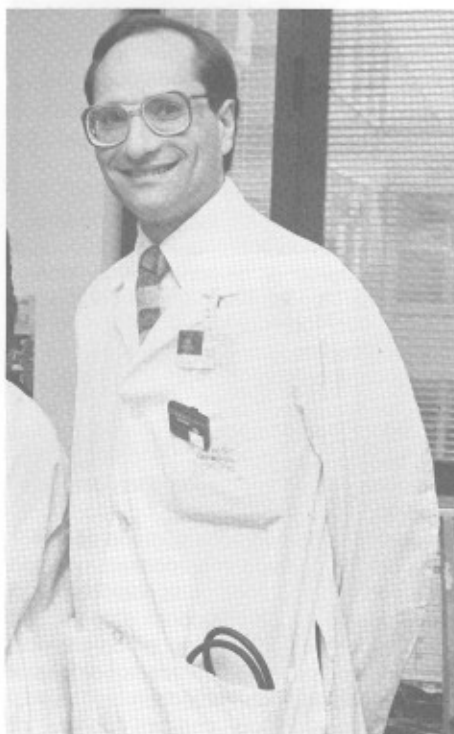
## Studies in Pulmonary Hypertension

by Dr. David Langleben

The term hypertension means high blood pressure and usually refers to high pressure in the arteries which feed all organs except the lungs. Pulmonary hypertension, on the other hand, is defined as high blood pressure in the lung circulation only. Although pulmonary hypertension can be caused by a variety of diseases, the common feature of all types is a narrowing of the arteries of the lung. This narrowing may be dynamic, caused by spasm of arteries, or fixed, caused by thickening of artery walls, scarring or plugging of arteries. Quite often, spasm and fixed disease coexist. When the heart attempts to pump blood through the diseased arteries, it must pump at a higher pressure to overcome the resistance of arterial narrowing. Since the right side of the heart is responsible for pumping blood to the lungs, it must work harder in pulmonary hypertension and, if the hypertension is severe, the right heart can fail.

Fortunately, pulmonary hypertension is uncommon. A very rare but serious type called primary pulmonary hypertension affects mainly young people and its cause is unknown. It is of particular interest since it results in a selective obliteration of the pulmonary vascular bed without affecting other organs. Sustained exposure to very low oxygen levels (hypoxia) such as is found at the highest altitudes in the Rockies, Central and South America and the Himalayas can cause pulmonary hypertension in some susceptible people. Hypoxia can also occur with severe lung disease and with severe sleep apnea syndromes at times resulting in pulmonary hypertension.

Various animal models of pulmonary hypertension have been developed. The hypoxia seen at high altitudes can be simulated in a hypobaric "decompression" chamber and animals thus exposed can be studied at various stages of development of vascular lesions, thereby providing insights into the order of progression of the abnormalities. The animals tolerate the exposure well and rapidly acclimatize to the simulated high altitude. Although acute hypoxic pressure exposure causes spasm of arteries in the lung, after several days the walls of arteries develop more muscle than normal and thicken, thereby narrowing the blood channel. Progression of the hyper-



tension can be measured in the thickening of the walls of the overworked right heart. The lungs of the animals can be examined by microscopy allowing detailed analysis of arterial thickening.

Another animal model involves use of the agent, monocrotaline, extracted from a plant called *Crotalaria spectabilis*. This plant, which grows in much warmer climates, causes liver problems if ingested by humans but does not cause pulmonary hypertension in humans. However, in rats a single injection of monocrotaline injures the lung circulation and causes pulmonary hypertension which can be fatal if severe.

Although there is no direct human counterpart for this illness, monocrotaline injury in rats simulates well the obliterative scarring, plugging and muscularization of artery walls seen in humans suffering from severe degrees of the adult respiratory distress syndrome. The latter can cause pulmonary hypertension. Also, since monocrotaline injury involves activation of circulating platelets and white blood cells which contribute to the injury, the monocrotaline

model allows study of platelet and white blood cell interactions with the injured lung circulation.

Although much understanding can be gained by studying animal models of pulmonary hypertension, many processes in any given model can simultaneously influence the development of disease. Identification of the effects of a given process on a given phase of the disease can, therefore, be difficult. Generally, identification of disease processes is easier when studied in isolated cells rather than in intact animals. We are in the process of developing techniques that allow extraction, isolation and culture of the various cell types implicated in the development of pulmonary hypertension. These include endothelial cells which line the blood vessels and pericytes which are thought to cause the muscularization and narrowing of small arteries seen in pulmonary hypertension. Since the cells normally lie adjacent to each other in the artery wall, their interactions *in vitro* (in cell culture dishes) will be studied. The cells will be extracted both from normal animals and from those with pulmonary hypertension, allowing study of normal and abnormal interactions. Understanding these interactions may result in the ability to prevent the arterial changes.

The techniques under development can also be applied to study of human lung artery cells. The only effective long-term treatment at present for primary pulmonary hypertension is transplantation of the heart and lungs from a healthy donor. At the time of transplantation, the diseased lungs that are removed can be a source of cells for study *in vitro*. Identification of a cellular abnormality in this disorder would offer hope for early diagnosis and effective treatment of what is presently a fatal disease.

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*Dr. David Langleben joined the division of cardiology in July 1986. He is a graduate of McGill University Medical school, and completed residencies in internal medicine and cardiology at the Royal Victoria Hospital. He proceeded to Harvard Medical School for further training and a Research Fellowship in pulmonary circulation pathology at Boston Children's Hospital.*



## **Happy Birthday, Mrs. Solomon!**

Rachel Vineberg Solomon's 95th birthday party was celebrated recently at the hospital. Shown with Mrs. Solomon, left to right: Doris Garber, Ruth Goodman (daughter), Franceen Finesilver (granddaughter), Sylvio Clauser, Hillary Alleyne, Irma Golar.



## **Bon Appetit!**

Canada Hospital Day was celebrated in May with a complimentary luncheon for all JGH staff. Executive Director Archie Deskin, left, and Budget Control Officer Henri Hazan, were amongst the senior administrators who took turns serving throughout the lunch hour.



## **Passover**

On the eve of Passover, elementary school students came from Hebrew Academy to sing for our elderly long-term patients.

# Are you getting enough calcium?

As a public service to the well elderly in the community, **Rena Popielnik-Baskin**, clinical dietician, and a member of the JGH geriatric division health care team, prepared this article which appeared originally in *Attitude*, a publication of the Allied Jewish Community Services.

Calcium is an essential mineral needed by people of all age groups. Calcium is involved in the calcification or hardening process of bones and teeth, and is required for proper growth. As part of the natural aging process, calcium is removed from bones more quickly than it can be replaced.

The process starts after age 35, and is further accelerated in women after menopause due to a decreased supply of estrogen.

Osteoporosis refers to a progressive disease in which bones, especially those of the spine, hip and wrists, lose calcium and become porous, thin, brittle and break easily. Low calcium intake is one of the leading causes of osteoporosis. Your body cannot make calcium and therefore, you must obtain it through your diet by drinking or eating calcium-rich foods.

Milk and milk products are the major sources of calcium in the diet. Calcium is also found in certain foods of the other groups of Canada's Food Guide, but in smaller amounts.

## Other ways to increase calcium in your diet:

Add skim milk powder to fluid milk, sauces, casseroles.

## Examples of other good equivalent sources of calcium include:

Food	Amount
Yoghurt, plain, low-fat	175 ml
Cheese, ie. Parmesan, Gruyere, Swiss, Edam, Cheddar, Brick, Mozzarella	45 g (1½ oz)
Canned salmon with bones	1/2-220 g can
Spinach or broccoli, cooked	125 ml (1/2 cup)
Whole wheat bread	2 slices
Beans, dried, cooked	250 ml (1 cup)
Tofu (processed with calcium sulfate)	125 ml (1/2 cup)

Snack on low-fat yoghurt, cheese and milk.

Add grated cheese to soups, salads, vegetables and casseroles.

For low-calorie desserts, have low-fat yoghurt with fruit, baked custards/puddings made with low-fat milk or ice cream.

## What about calcium supplements?

Foods are the best source of calcium for healthy persons. Calcium supplements have not been proven to do the same job as calcium-rich foods. While all supplements provide some calcium, the total amount available for absorption varies widely, and it may be necessary to take many pills throughout the day. Supplements should

be taken only by those individuals who can't or won't drink milk, or change their diet so as to provide enough natural calcium. Consult your physician or dietician.

Calcium supplements are available in a variety of forms – tablets, powder or liquid. The calcium is usually combined with another compound. Calcium carbonate is the most popular form of calcium available in supplements. Tums, an antacid, has become a popular calcium supplement as well. Dolomite and bone meal should not be used as a form of calcium supplements.

Physical exercise also plays a role in osteoporosis prevention by promoting the formation of bone mass. Moderate exercise, for example, running, walking, jumping, aerobics or aqua fitness performed at least 3 times a week for 30 – 60 minutes is beneficial.

## Dietetics students train at JGH

The hospital serves not only as a training ground for medical and nursing students, but also as an educational setting for other professionals in the health care field.

One example is the dietetics major at the McGill University School of Dietetics and Human Nutrition. A 40 week internship, called Professional Practice (Stage) in Dietetics is integrated with the academic program. Thus, when dietetics students complete their Bachelor's program, they have achieved both the academic and internship prerequisites for entering the profession. This integrated program has been in place since 1977 and the JGH department of dietetics has participated since its inception. Increasing student enrollment and internship placements led to the creation of a clinical coordinator position at the JGH. Mariette Samuel, a dietician and McGill grad, plans and supervises the JGH dietetics program for students.

Four levels of experience make up the 40 week Stage. Level one takes place in the

summer after the students' first year of studies. During four weeks in the department of dietetics the students are exposed to an institution kitchen, participating in the basic tasks of all attendants. They also observe and begin patient interaction in therapeutic nutrition services. As the theoretical background becomes more complex and intense, with advanced study in physiology, nutrition, endocrinology, cost control and food-service management, the Stage (level II, III, IV) offers increased exposure to professional level activities and more complicated responsibilities which reflect the students' deeper knowledge. Many key projects for the department of dietetics are completed by the dietetics stagiaires, or interns.

Coordination of the Stage is a year-round responsibility for Ms. Samuel who has her main office at the JGH and also maintains a desk at the Macdonald College campus of McGill University where the academic courses are taught.

## BULLETIN BOARD

### RADIO AND TELEVISION APPEARANCES

- Afilalo, M.:** CBC TV Newswatch. Special on Emergency Department, March 1987.
- Barrow, J., Ricci, G.:** CJAD radio. Dave Patrick Show. Changes in nursing and the nursing shortage. April 1987.
- Black, M.J.:** CJAD radio. ENT discussion. May 1987.
- Carlton, J., Fletcher, C.:** CJAD radio. Melanie King Show. Stroke, April, 1987.
- Clarfield, M.A.:** TV Ontario. Special on the JGH geriatric division, November, 1986
- Edgar, L.:** CBC TV Newswatch. Study of E.C.A.P., a self-help group for cancer patients. April, 1987.
- Gelfand, M.M.:** CTV Brian Gazzard Show. Menopause. Feb. 1987.
- Mendelson, J.:** CJAD radio. Joe Cannon Show. AIDS. May 1987.
- Monk, M., Edgar, L.:** CJAD radio. Joe Cannon Show. Changes in nursing and the nursing shortage. April 1987.
- Malus, M.:** CBC TV. What is New? Study of the Teenage Health Unit at Herzl Family Practice Centre. October 1986.
- Papageorgiou, A.:** CFCF radio. The Marlene Gerison Show. Neonatal Intensive Care and follow-up. June 1987.
- Sarre, D.:** CF Cable TV. Making Life Meaningful. Nov. 1986. CTV Brian Gazzard Show, May 1987.
- Sherwin, B.:** CJAD radio. The Melanie King Show. Menopause, Oct. 1986.

## Meet... (cont. from page 1)

his colleagues, notably pathologist Dr. Alex Ferenczy, for his collaborative work on cancer of the endometrium. "We feel that if patients are carefully monitored and treated, the seriousness of endometrial cancer can be relegated to oblivion," Gelfand observes. Dr. Togas Tulandi, a geographic full-time physician, has distinguished himself, as well, for his treatment of infertility. Laser tubal surgery was first done by Dr. Tulandi at the JGH and continues to receive recognition throughout the country.

Dr. Gelfand's hopes for the future include adding more research, basic and clinical, to the program of his department. "I just want to be sure we increase our knowhow," he says, "to make sure we're not just up-to-date, but *avant garde*."

Beside his position as chief of his department at the hospital, Morrie Gelfand is a full professor in the McGill University faculty of medicine, department of obstetrics/gynecology, past president of the Society of Obstetricians/Gynecologists, and was recently elected 1st vice-president of the Federation of Medical Specialists of Quebec. He actively involves himself in several other professional and scientific associations, and has authored numerous publications.

He was chairman of the medical division of Combined Jewish Appeal, Board member of the Israel Canada Cancer Foundation, the Canadian Juvenile Diabetic Association, and a member of the conseil d'administration of the Montreal Symphony Orchestra.

The concert stage lost out to the medical arena when Morrie Gelfand decided not to pursue a career as a violinist. However, his love for music, and talent for the violin and piano provide him with much pleasure in his leisure hours. Dr. Gelfand and his wife Norma enjoy spending their weekends in the country. They have five children, and it is interesting to note that while one son is pursuing his career as a concert jazz pianist, another is a medical student and a third occupies an important spot in the Canadian transcendental meditation movement. He also proudly describes his son-in-law, one of whom is a well known insurance executive and the other a Fellow in hematologic oncology at the University of Toronto... Bright, creative and interesting personalities, all!

## Closed circuit Films for patients

For the past few months, the hospital has been providing feature movies to patients via closed-circuit TV. These movies are transmitted at 7:30 p.m., weekdays, at no extra charge to all patients who rent TVs and are made available to the hospital through the courtesy of Mr. Harold Greenberg, President of Astral Bellevue Pathe Inc.

In the very near future, we shall add several hours of health care films to our closed-circuit program.

## NEED TO TALK



The Jewish Community  
Listening Service

Sunday-Thursday  
4:30 p.m. - 10:30 p.m.

849-9191



## A Labour of Love

Mrs. Cecile Segal regularly participates in one of the many programs of the JGH geriatric division. Here she is shown (right) presenting to Head Nurse Barbara Tackoor, one of 24 layettes she has knitted for the infants in the neonatal intensive care unit.

# BULLETIN BOARD

## GRANTS AND AWARDS

**Edgar, L., Nowlis, D.P., Rosberger, Z.:** Health and Welfare Canada. \$76,000. The implementation and evaluation of a psychosocial rehabilitation approach as part of normal nursing care of cancer patients. 1987-88.

**Greenberg, N.:** Honoured as a founding member at the 25th Annual Meeting of the Professional Corporation of Psychologists of Quebec.

**Highbloom, B.:** Canada Council Exploration Program. Grant to create computer music with patients seen in music therapy. First arts grant ever given to a therapist.

**Klein, M.:** Ortho Literary Award of the College of Family Physicians of Canada for the best article published in the Canadian Family Physician in 1986. The Canadian Family Practice Accoucheur, 32: 533-540, 1986.

**Kirmayer, L.:** Crasilneck Award for the best first contribution by a young scientist, Society for Clinical and Experimental Hypnosis.

**Kunos, I.:** Detweiler Traveller Traineeship of the Royal College of Physicians and Dentists. Pediatric Neurorehabilitation Centre, Hungary.

**Lasry, J.-C., Margolese, R.:** Health and Welfare Canada. \$68,685. Quality of Life following two types of breast cancer surgery. Oct. 1, 1986 - March 31, 1988.

**Mildenhall, R.:** Special Service Citation for significant and outstanding contributions to the Canadian Food Service Executives Association.

**Tatemichi, S.R.:** Recipient of the Murray Stalker Memorial Lecture in Family Medicine, National Committee on Endowments and Awards, College of Family Physicians of Canada, May 1987.

**Trudel, M.:** The Stowell-Orbison Certificate of Merit for his poster presentation of "Detection of Epstein-Barr virus by in situ hybridization: comparative analysis of 35 S - labelled RNA and biotinylated DNA probes", 76th Annual Meeting of the International Academy of Pathology, Chicago, Ill, March 1987.

## PRESENTATIONS

**Alper, D.:** Transient expression of human interferon genes. Fed. Amer. Soc. Experimental Biology, Washington, D.C., March 1987.

**Black, M.J.:** Guest lecturer. Minor surgery and office procedures. Post-Graduate Board, Royal Victoria Hospital. March, 1987. ENT manifestations of systemic disease. Clinical Day - Otolaryngology and Ophthalmology in Family Practice - Herzl Family Practice Centre, Jewish General Hospital, April 1987.

**Brahm, E.:** Invited lecturer. Keeping adolescents out of hospital. Grand Rounds, Douglas Hospital, Children's Services. Feb. 1987. Invited lecturer. Psychotherapy of an adolescent using the psychology of the self. Psychiatry and Psychology Rounds, Child and Adolescent Clinic, Allan Memorial Institute, March 1987. Progress in the development of basic trust in psychoanalysis - a case illustration. University of California, San Diego School of Medicine, Self Psychology Conference. Oct. 1986.

**Braverman, S.:** Family therapy advanced workshop. Royal Ottawa Rehabilitation Centre, Nov. 1986.

**Brem, S.:** Pathogenesis of symptomatic carotid stenosis: new concepts. Neurology Rounds, Montreal Neurological Institute, Montreal, March 1987. Pathogenesis of symptomatic carotid artery stenosis and implications on therapy. McGill Centre for Studies in Age and Aging. St. Anne's Hospital, Montreal, March 1987. Neovascularization, plaque hemorrhages and atherogenesis in the formation of symptomatic carotid atherosclerotic lesions. Atherosclerosis, thrombosis and their complications - 1987. McGill University, Montreal, April 1987.

**Brister, S.J., de Varennes, B., Gordon, P.H., Sheiner, N.M., Pym, J.:** Contemporary operative management of pulmonary metastases of colorectal origin. American Society of Colon and Rectal Surgeons, 86th Annual Meeting, Washington, D.C., April 1987.

**Bureau, A., Ardila, R. Papageorgiou, A.:** Chemoreceptor function and infantile apneas. Annual Meeting, Society for Pediatric Research. Anaheim, Cal. April 1987.

**Clarfield, M.:** Invited seminar participant. Aging in developing countries - Brazil, Pakistan and China. Second International Course on Epidemiology of the Aging. London School of Hygiene and Tropical Medicine, U.K., Sept. 1986. Hypertension in the elderly: is treatment efficacious? Canadian Hypertension Society. Royal College of Physicians and Surgeons of Canada Annual Meeting, Toronto, 1986. Problems of team work in the care of the elderly. Israel Gerontological Society Annual Meeting. Tel Aviv, 1986. Reversible dementia in the elderly - does it reverse? Brookdale Institute of Gerontology, Jerusalem, 1987. Care of the elderly - the role of the family physician. Haifa University, Dept of Family Medicine, Haifa, 1987. Geriatrics - an introduction. MPH Class, Kenyatta Hospital Medical School, University of Nairobi, Kenya, 1987.

**Crefinsten, G.L.:** Director and lecturer, Symposium on Medicine, Ethics and the Law. Proxy decision making: Who decides for whom, and when is the decision made. McGill University Continuing Medical Education in association with McGill Centre for Health

Sciences, Ethics and Law, Montreal, Feb. 1987.

**Edgar, L.:** Psychosocial issues in oncology research. Research seminar, Queens University, April 1987. Chemotherapy and care for the cancer patient. McGill Cancer Centre Public Lecture Series, Montreal, April, 1987. Approaches in pain and symptom control for patients and their caregivers. Conference on The Terminally Ill, Concordia University, Montreal, May 1987.

**Fichten, C.S.:** Effects of task difficulty on positive and negative automatic thoughts. Annual convention of the Association for the Advancement of Behavior Therapy, Chicago, Ill. Nov. 1986.

**Fitch, N.:** Drugs in pregnancy. Pharmacology course, McGill University, Montreal, Jan. 1987. Maternal genetics. To HOPS students. Jewish General Hospital, Feb. 1987. Opportunities for genetic health care in a general teaching hospital. Grand Rounds. Jewish General Hospital, Montreal, Feb. 1987. Abnormalities of the sex chromosomes. Cytogenetics course, McGill University, Montreal, Feb. 1987.

**Frank, D.:** Dismissing the problem student from medical school - insurance, legal, administrative and psychiatric aspects; Involving medical students in medical research; and clinical problem solving. Annual meeting of the Association of American Medical Colleges, New Orleans, Oct. 1986.

**Frenkiel, S.:** Dizziness. Clinical Day - Otolaryngology and Ophthalmology in Family Practice - Herzl Family Practice Centre, Jewish General Hospital, April 1987.

**Gelfand, M.M.:** Guest speaker. Estrogen-androgen hormone replacement therapy. Mount Auburn Hospital, Boston, Feb. 1987.

**Germinario, R.:** Hexose transport in normal and Type II diabetic cell culture; the effects of insulin, serum and in vitro aging. Canadian Association on Gerontology, Quebec City, Nov. 1986.

**Gordon, P.:** Invited participant. Anal canal carcinoma. Program Directors Association for Colon and Rectal Surgery, Tuscon, Arizona, March 1987. Invited participant. Management of anal fistula and abscess. Symposium on Painful Anal Afflictions. Movie presentation on surgical management of fistula-in-ano. American College of Surgeons, 15th Annual Spring Meeting, Philadelphia, April 1987. Invited participant. Anorectal suppuration and fistula-in-ano in Crohn's Disease. George Washington University, Washington, D.C., April 1987. Movie presentations: Post anal repair and Pitfalls and precautions in the use of anastomosing and linear staplers in colon surgery. American Society of Colon and Rectal Surgeons, 86th Annual Meeting. Washington, D.C. April 1987.

**Gordon, P.H., Paszat, L.:** Management of anal canal carcinoma. Poster session. American Society of Colon and Rectal Surgeons, 86th Annual Meeting, Washington, April 1987.

**Hiscott, J.:** Regulation of interferon gene expression. Dept. of Biochemistry, Université de Montréal, Nov. 1986 and McGill Cancer Centre, Montreal, Feb. 1987. Modulation of proto-oncogenes by interferon. American Society of Hematology, San Francisco, Cal. Dec., 1986. Transactivation of interferon genes. Montreal Cancer Institute - Notre Dame Hospital, Montreal, March 1987.

**Hyams, B.B.:** Diagnostic therapeutic problems in uro-radiology. The Rubin Flocks Society, Maui, Hawaii, Feb. 1987.

**Kalant, N.:** Microalbuminuria in diabetes. Cinquième Réunion Scientifique Annuelle du Syndicat Professionnel des Médecins Endocrinologues du Québec. Mont Ste. Anne, April 1987.

**Kirmayer, L.:** The role of hypnosis in teaching and clinical practice. Allan Memorial Institute, Royal Victoria Hospital, Jan. 1987.

**Klein, M.:** Is maternity care given by family doctors different from care given by obstetricians? Obstetrical and family practice grand rounds. Faculty training seminar on the training of family physicians for the practice of obstetrics. Grace Maternity Hospital, Halifax, Jan. 1987. Visiting Professor. Research in low risk obstetrics. Departments of Family Medicine and Obstetrics Seminar. Grace Maternity Hospital, Halifax, Jan. 1987. Keynote speaker. La Place du médecin omnipraticien accoucheur. L'omnipraticien et la périnatalité. FMOQ Conference. Montreal, March 1987. Invited speaker. Do family physicians prevent caesarean sections? Birth - technological approaches to obstetrics: benefits, risks. Alternatives VI, San Francisco, Feb. 1987. Low tech - high touch obstetrics. University of California, Department of Family Practice. Feb. 1987.

**Kwitko, M.L.:** Modern approach to keratorefractive surgery. International Association of Ocular Surgeons. Montreal, Sept. 1986. Diagnostic parameters in radial keratotomy. Kresge Eye Institute, Detroit, Sept. 1986. Presenile glaucoma. American Academy of Ophthalmology. New Orleans, Nov. 1986. Controversies on radial keratotomy. Address to the Kentucky Association of Ophthalmology. Management of Complications in Cataract Surgery, University of Louisville, Louisville, Kentucky. Implant surgery in the glaucoma patient. Diagnostic parameters in radial keratotomy. Pan American Implant Association. Fort Lauderdale, Florida, Dec. 1986.

**Lander, P.:** Etiosinophilic granuloma: case discussion. Invited lecturer. La Société Canadienne Française de Radiologie. Montreal, April 1987. Didactic lecture to Radiology Residents, at Hôpital Ste. Justine, University of Montreal lecture series on Pagets Disease. Jan. 1987.

**Lasry, J.C.:** Quality of life and mastectomy. Dept. of Psychiatry, St. Mary's Hospital, October, 1986.

**Lasry, J.C., Margolese, R., Taillefer, S.:** Sexual and marital adjustment following

mastectomy. JGH Dept. of Psychiatry, McGill open house weekend. Sept. 1986.

**Malus, M., Golden, M.:** Teen Talk. YM-YWHA Health Month Program. Montreal, April, 1987.

**Miller, M.:** The difficult patient in medical practice. Jewish General Hospital Family Practice Centre, Feb. 1987.

**Palayew, M.:** Establishment of an X-ray department for active chronic care hospitals for the next century. Jewish Hospital of Hope, Montreal, Jan. 1987. Visiting Professor. Imaging of the Mediastinum. The advances of CT in diagnosis of thoracic conditions. Queens University. Kingston, May 1987. Symposium Chairman. Non ionic contrast agents: clinical applications Winthrop Laboratories, Montreal, Dec. 1986.

**Palayew, M.J., Stein, L.:** Diagnostic imaging in clinical problem solving. Thursday Evening Lecture Series. Centre for Continuing Medical Education, McGill University. Montreal, April 1987.

**Panasci, L. Pollak, M.:** Mitomycin-C and mitoxantrone treatment for breast cancer. American Association for Clinical Oncology Annual Meeting, Atlanta, May 1987. Detection of somatomedin receptors on SKNEPO1 tumour cells propagated in vitro. American Association for Cancer Research Annual Meeting, Atlanta, May 1987.

**Papageorgiou, A.:** Stéroïdes anténatales - implications maternelles et fœtales. Combined Obst/Pediatrics Grand Rounds. Hôpital Cité de la Santé, Laval, March 1987. Invited visiting professor to the People's Republic of China. Lecturing in several cities. March/April 1987. Impact of modern perinatal care on mortality and morbidity of very low birth weight infants. Grand Rounds, Sherbrooke University, March 1987. Management of premature labour. McGill University Newborn Update 1986, Montreal, Oct. 1986. Guest participant to Weekly Newborn Conference - Joint Neonatal Program, Harvard University, Boston, Oct. 1986. La périnatalité; émergence d'un nouveau concept de soins à la mère et à l'enfant. Les entretiens de pédiatrie, Laval University, Québec, Nov. 1986.

**Papageorgiou, A., Gelfand, M.:** Changing perinatal mortality and morbidity in diabetic pregnancies. Annual meeting, Canadian Paediatric Society, Toronto, Sept. 1986.

**Papageorgiou, A., Chemtob, S. Kunos, I., Gelfand, M.:** Predisposing factors to retrolental fibroplasia and possible protective role of betamethasone in infants weighing < 1500 gms. XVIIIth International Congress of Pediatrics, Honolulu, Hawaii, July, 1986. Beta-methasone - protective role beyond RDS. Its effect on RLF. Annual Meeting Canadian Paediatric Society, Toronto, Sept. 1986.

**Parniak, M.:** Organization of the catalytic and regulatory sites of rat liver phenylalanine hydroxylase. Workshop on pteridines and related biogenic amines. Flims, Switzerland, Feb/March 1987.

**Pinsky, L.:** Conditional mutation of the human androgen receptor. Montreal Children's Hospital, Montreal, March 1987.

**Pollak, M.:** Molecular biology seminar. Lady Davis Institute, Dec. 1986. Detection of IGF-11 receptors on primary Wilms' tumour. Sym-

posium on Cellular and Molecular Biology of Neoplasia. University of California Park City, Utah, Jan. 1987. Invited speaker. EGF receptors of breast cancer cells. Royal Victoria Hospital Interdisciplinary Oncology Rounds, Montreal, Feb. 1987. Invited speaker. Peptide mitogen receptors on cancer cells. McGill Cancer Centre Research Seminar, Montreal, Feb. 1987.

**Rosberger, Z.:** Learning theory and behavioral medicine. Faculty of Medicine, McGill University, Feb., 1987.

**Rosberger, Z. Edgar, L.:** Invited lecturer. Cancer causes and consequences; the role of psychosocial factors. Department of Psychiatry, McGill University, Nov. 1986. Learning theory and behavioral medicine. Faculty of Medicine, McGill University, Feb. 1987.

**Schloss, M.:** Common pediatric ENT problems. Clinical Day - Otolaryngology and Ophthalmology in Family Practice - Herzl Family Practice Centre, Jewish General Hospital, April 1987. Otitis media. West Island Physicians Association, March 1987. Clinical evaluation of erythromycin-sulfisoxazole (pediazole<sup>®</sup>) T.I.D. in the treatment of "Resistant" acute otitis media. A double blind study comparing erythromycin-sulfisoxazole (pediazole<sup>®</sup>) T.I.D. to placebo in chronic otitis media with effusion. 4th International Symposium on Recent Advances in Otitis Media. Bal Harbour, Florida, June 1987. Antro-choanal polyps: a ten year retrospective study in the pediatric population with a review of the literature. 41st Annual Meeting of Canadian Society of Otolaryngology - Head and Neck Surgery, Ottawa, June 1987.

**Sherwin, B.B.:** The effect of estrogen and androgen on psychological functioning in menopausal women. Academic Grand Rounds, Institute for Community and Family Psychiatry, Jan. 1987. Invited speaker. Hormonal status and psychological symptoms in menopausal women. Douglas Hospital, Dept. of Psychiatry, Feb. 1987. Sex steroids and depression: biochemical mechanisms. Invited speaker. Neuropsychiatry research seminar, Allan Memorial Institute, Montreal, 1987.

**Sigman, M.:** Multiple family therapy with severely disturbed psychiatric patients and their families on the psychiatric ward of a general hospital. Zhengzhou, China, Henan Provincial Medical Association, Nov. 1986.

**Small, P.:** Effects of both immunotherapy and beclomethasone dipropionate nasal spray on allergen induced nasal provocation. American Academy of Allergy and Immunology. Washington, Feb. 1987.

**Vasilevsky, C.A.:** Is subtotal colectomy a viable option in the treatment of chronic constipation? American Society of Colon and Rectal Surgeons, 86th Annual Meeting. Washington, April 1987.

**Wainberg, M.:** Invited speaker. Oncogenes, retroviruses, and AIDS. Université Laval, Québec, Nov. 1986. Changing attitudes in AIDS research. Ontario Medical Students Association. Symposium on Medicine in the Twenty-first Century. Ottawa, Feb. 1987. Invited speaker. Mechanisms of HIV - induced suppression of immune responsiveness in AIDS. Institut Armand Frappier, Laval, Québec, April 1987. AIDS and the food industry:

no reason to worry. Canadian Food Service Association, Montreal, April 1987.

**Xanthoudakis, S.:** Expression of interferon genes. UCLA Symposia, Steamboat, Colorado, March 1987.

**Zelazo, P.R., Weiss, M.J., Papageorgiou, A.:** Dishabituation of sound localization among normal, moderate and high risk newborns. Bi-Annual Meeting of the Society for Research in Child Development, Baltimore, Maryland, April 1987.

## PUBLICATIONS

**Alpern-EIran, H., Hoover, G., Kalant, N., Brem, S.:** Neovascularization induced by the cellular component of atherosclerotic plaque. *Vessel Wall Biology: Proliferation and neovascularization of the book of proceedings, entitled Cardiovascular Disease, Molecular and Cellular Mechanisms, Prevention, Treatment.* Chapter 23, Edited by Linda L. Gallo, Plenum Press, New York.

**Bergman, H.:** Geriatric medicine in the United Kingdom: Lessons to be learned. *Canadian Family Physician*, Vol. 33, 150-161, Jan. 1987.

**Bergman, H., Montambault, J.:** Book Chapter. *Service d'Hébergement in Arcand, M. and Hébert, R. (eds.): Précis pratique de Geriatrie.* Edisem, Ste Hyacinthe; Malouine, Paris: Federation des Médecins Omnipraticiens du Québec, 1987.

**Clarfield, A.M.:** Hypertension in the elderly: pitfalls and problems. *Perspectives in Geriatrics* 1986, 2 (4): 26-34. Battling back from that "soft" pop near L5-S. *Medical Post*, page 33, Oct. 1986. Problems of team function. (Abstract) 30th Annual Scientific meeting. Israel Gerontological Society, Tel Aviv, 1986. Something in the air warned of trouble. *Medical Post* p. 19-20, Feb. 1987. Sweet memory of Calcutta. *Jerusalem Post*, March 1987.

**Clarfield, A.M., Paltiel, J.T.:** Geriatrics behind the Great Wall. *Medical Post*, Dec. 1986.

**Colohan, A.R.T., Grady, M.A., Bonnin, J.M., Thorner, M.O., Kovacs, K., Jane, J.A.:** Ectopic pituitary gland simulating a suprasellar tumor. *Neurosurgery* 20: 43-48, 1986.

**Eibel, P.:** Afflicted genius. Lord Byron would never be free of his own misfortune. *The Medical Post*, Feb. 1987. Afflicted genius. Schumann's Career. *The Medical Post*, March 1987. Afflicted genius. H. Heine. *The Medical Post*, April 1987. *Colocalia - Comments and Response.* *Orthopaedic Review*, Vol. XV, No. 11, Nov. 1986.

**Fichten, C.S.:** Self, other and situation-referent automatic thoughts: Interaction between people who have a physical disability and those who do not. *Cognitive Therapy and Research* 10, 571-587, 1986.

**Fichten, C.S., Bourdon, C.V.:** Integration of physically disabled people into institutions of higher education: Interaction with peers and professors. *Rehabilitation Digest*, 17, 8, 1986.

**Fichten, C.S., Bourdon, C.V., Creti, L., Amseil, R., Martos, J.G.:** Professor - physically disabled college student interaction: Scoring manual. Abstracted in *Resources in Educa-*

*tion*, (Eric Document Reproduction Service Ed. No. 268-709, Sept. 1986.)

**Fichten, C.S., Martos, J.G.:** Cognition coding manual: interaction between able-bodied and physically disabled people. Abstracted in *Resources in Education*, 21 (5), 50-51. (Eric Document Reproduction Service, ED No. 264679).

**Germinario, R., Michaelidou, A.:** Hexose transport after glucose refeeding of glucose starved human fibroblasts: 1. The effects of tunicamycin and cycloheximide 2. Insulin binding and action. *Biochemical Biophys. Research Commun.* 140: 844, 1986.

**Germinario, R., Oliveira, M., Manuel, S.:** Insulin-stimulated hexose transport in vitro aged human skin fibroblasts. *Canadian J. on Ageing* 5: 157, 1986.

**Germinario, R., Vlachopoulou, F.:** The effects of sulphhydryl modifying reagents on nonhormonal and hormonally regulated hexose transport in cultured human skin fibroblasts. *J. Cellular Physiol.* 130: 124, 1987.

**Gordon, P.H., Dalrymple, S.:** Book Chapter. The use of staplers for reconstruction after colonic and rectal surgery. *Principles and Practice of Surgical Stapling.* ed. Ravitch, M.M. & Steichen, F.M. Year Book Med. Publ. Chapter 22, pp. 402-31, 1987.

**Haddad, A., Frenkiel, S., Costom, B., Shapiro, R., Tewfik, T.:** Management of the undescended thyroid. *Journal of Otolaryngology*, Vol. XV, 373-376, 1986.

**Hadjipavlou, A., Lander, P., et al:** Desmoplastic fibroma of a metatarsal case report. Selected to be abstracted for 1987 year book of *Podiatric Medicine and Surgery*.

**Jones, E., Frenkiel, S., Small, P., Rochon, L.:** Immunopathological characteristics of nasal polyps. *Journal of Otolaryngology*, Vol. 16, no. 1, pp. 19-22, 1987.

**Klein, M.:** Perinatal care in Europe: lessons to be learned. *Can. Fam. Physician*, 33: 261-263, 1987.

**Klein, M., and the Submittee of the comité d'humanisation des soins en obstétrique of the Regional Council:** Controversies in obstetrical management and maternal care. *Controverses obstétricales et les soins maternels.* Ministry of Health and Social Affairs of the Government of Quebec.

**Kravitz, H., Paris, J., Prince, R.:** Key issues in P-G education. *Canadian Journal of Psychiatry*, November 1986.

**Kunos, I.:** Early physical therapy effects on the high-risk infant: a randomized controlled trial. *Pediatrics* Vol. 78 No. 2, August, 1986.

**Kwitko, M.L.:** The pediatric glaucomas. *Glaucoma.* J.A. McAllister and R. D. Wilson, editors; Butterworth, London, pp. 111-137, 1986. Secondary congenital glaucoma. *Diagnosis and therapy in glaucoma.* Vol. 11, pp. 767-824. J.E. Cairns, editor; Grune and Stratton, Clearwater, Florida, 1986.

**Lasry, J.C., Frederik, M.:** Structure familiale et pouvoir conjugal dans des familles haïtiennes de Montréal. *Canadian Ethnic Studies*, 18: 151-158, 1986.

**Laughrea, M., Filion, A.-M., Boulet, L.:** How to estimate the position of the mistranslated proteins on a two-dimensional gel electro-

phoregram. *Electrophoresis* 7: 484-485, 1986.

**Lazarus, P., Panasci, L.C.:** Further studies on amino acid transport in murine P 388 leukemia cells in vitro: Presence of system  $\gamma^1$ . *Biochem. Biophys. Acta* 898: 154-158, 1987.

**Label, P., Clarfield, A.M.:** Promotion de la visite médicale à domicile. (Abstract) 15<sup>e</sup> Réunion scientifique et éducative annuelle. Association canadienne de gérontologie, Québec, 1986.

**Libman, E., Fichten, C.S.:** Prostatectomy and Sexual Function: A Review, *Urology*, 1987.

**Libman, E., Creti, L., Fichten, C.S.:** Determining what patients should know about transurethral prostatectomy. *Patient Education and Counselling*, 1987.

**Malus, M.:** A school based outreach program in adolescent health. *Canadian Family Physician*, Vol. 32, Nov. 1986.

**Malus, M., Macaulay, A.:** Teenage concerns about the physical examination. *Canadian Family Physician*, Vol. 32, Nov. 1986.

**Miller, U., Donlon, T., Schmid, M., Fitch, N., et al.:** Deletion mapping of the testes determining locus with DNA probes in 46XX males and 46XY and 46X.. dic(y) females. *Nucleic Acids Research* 14: 6489, 1986.

**Miller, B., Bakirtzian, B., Hadjipavlou, A., Lander, P.:** Allografts in orthopedic surgery: a case report and literature review. *The Canadian Journal of Surgery*, Vol. 30, No. 1 pp. 35-38, Jan. 1987.

**Papageorgiou, A., Chemtob, S., Kunos, I., Gelfand, M.:** Antenatal betamethasone: Possible protective role beyond RDS. Its effect on RLF. *Clinical and Investigative Medicine*, 9, 1986.

**Papageorgiou, A., Gelfand, M.M.:** Changing perinatal mortality and morbidity in diabetic pregnancies. *Clinical and Investigative Medicine* 9: 137, 1986.

**Papageorgiou, A., Stern, L.:** Antenatal prevention of the neonatal respiratory distress syndrome: Benefits and potential risks for the mother and the infant. *J. Perinat Med* 14: #2: 75-86, 1986.

**Parniak, M.:** Book Chapters. *Biology of Pteridines*, pp. 331-335; Effect of pH on cofactor-dependent activity of rat liver phenylalanine hydroxylase. pp. 355-358; Interaction of a monoclonal antibody with rat liver phenylalanine hydroxylase pp. 359-362, 1986. In: *Chemistry and Biology of Pteridines* (B.A. Cooper, V.M. Whitehead, eds).

**Pinsky, L., Kaufman, M.:** Book Chapter. *Genetics of steroid receptors and their disorders.* In: *Advances in Human Genetics*, Vol. 16, pp. 299-472, 1987.

**Pollak, M., Buick, R., et al:** Epidermal growth factor receptor gene amplified MDA-468 human breast cancer cells and non-amplified variants: in vivo and in vitro proliferation. *Molecular and Cellular Biology* 7: 251-257, 1987.

**Poleski, M.H., Gordon, P.H.:** Book chapter. *Screening for carcinoma of the colon: pitfalls of the hemocult test.* *Problems in General Surgery - Controversies in colon cancer.* ed. Nelson, R.L., Lippincott, J.B. Philadelphia, 4: 1-10, 1987.

**Poulin L., Wainberg, M.A.:** Expression of avian sarcoma virus genes in tumor cells derived from different periods of tumor growth. *Microbial Pathogenesis* 2: 251-257, 1987.

**Rosberger, Z.:** Review of Hilgard & LeBaron's Hypnotherapy of pain in children with cancer. *International Journal of Clinical and Experimental Hypnosis*, 34(3), 245-247, 1986.

**Rosenberg, E., Steinert, Y.:** Psychosocial problems: What help do rural and urban patients want from their family physicians? *Canadian Medical Association Journal*, 136, 137-141, 1987.

**Roy, S., Portnoy, J., Wainberg, M.A.:** Need for caution in interpretation of Western blot test for HIV. *Journal of the American Medical Association* 257: 1047, 1987.

**Roy, S., Fitz-Gibbon, L., Spira, B., Portnoy, J., Wainberg, M.A.:** False-positive results of confirmatory testing for antibody to HIV-1. *Canadian Medical Association Journal* 136: 612, 1987.

**Schechter, M.:** A Rabbi looks at palliative care. *Journal of Palliative Care*. March 1987.

**Sheiner, N., Small, P.:** Isolated Raynaud's Phenomenon - a benign disorder. *Annals of Allergy*, Vol. 58, no. 2, pp. 114-117, Feb. 1987.

**Sherwin, B.B., Gelfand, M.M.:** Individual differences in mood with menopausal replacement therapy. *Journal of Psychosomatic Obstetrics and Gynecology*, 6(2), 121-132, 1987.

**Sherwin, B.B., Gelfand, M.M., Schucher, R., Gabor, J.L.:** Postmenopausal estrogen and androgen replacement and lipoprotein lipid concentrations. *American Journal of Obstetrics and Gynecology*, Vol. 4, 156, 414-419, 1987.

**Sigman, M.:** The parallel processing phenomenon in the supervisory relationship - a therapist's view. *Current Issues in Psychoanalytic Practice*, Vol. 2, Haworth Press, Inc., Nov. 1986.

**Sigman, H.H., Satin, R.:** Surgical bypass or percutaneous transhepatic decompression: complementary techniques in the management of malignant extrahepatic biliary obstruction. *Digestive Surgery* 3:88, 1986.

**Sinyor, D., Golden, M., Steinert, Y., Seraganian, P.:** Experimental manipulation of aerobic fitness and the response to psychosocial stress: Psychophysiological and self-report measures. *Psychosomatic Medicine*, 48, 324-337, 1986.

**Small, P.:** Nasal polyps. *Allergy Today*, Vol. 1, No. 8, pp. 4-5, 1986.

**Steinert, Y., Golden, M.:** Working with families in primary care: Guidelines for the family physician. *Canadian Family Physician*, 32, 1288-1293, 1986.

**Szilagyi, A.:** Thyroid hormones and alcoholic liver disease. *Journal of Clinical Gastroenterology*, 9, 189-193, 1987.

**Vasilevsky, C.A.:** The use of the intraluminal stapling device in perineal rectosigmoidectomy for rectal prolapse. *Principles and Practice of Surgical Stapling*. Ed. Ravitch, M.M., & Steichen, F.M. Year Book Medical Publishers, 1987.

**Wainberg, M.A., Halpern, M.S.:** Avian sarcomas: Immune responsiveness and pathology. In: *Avian Leukosis - de Boer G.F.* (ed), Martinus Nijhoff, Boston, p. 131, 1987.

**Wainberg, M.A., Portnoy, J., Tsoukas, C., Gilmore, N.:** Specific stimulation of lymphocytes from patients with AIDS by herpes simplex virus antigens. *Immunology* 60: 275, 1987.

**Wilchesky, I.L.:** Pourquoi s'équiper d'un ordinateur. *Médecin du Québec*, Nov. 1986.

#### APPOINTMENTS

**Beck, P.:** Chairman (Sept. 1987), Scientific Program Committee, Canadian Psychiatric Association. Consultant and Corresponding Member, Scientific Program Committee, American Psychiatric Association.

**Bergman, H.:** Elected to the Executive of the Société Québécoise de Gériatrie (Quebec Geriatrics Society).

**Braverman, S.:** Fellow of the American Association of Marriage and Family Therapy.

**Brem, S.:** Consultant, National Institutes of Health, Surgical Neurology Branch.

**Clarfield, M.:** Consultant in Geriatrics, Jewish Hospital of Hope, 1986. Visiting Consultant, Southampton General Hospital (U.K.) Department of Geriatrics, 1986. Visiting Consultant, Shaare Tzedek Hospital (Jerusalem) Department of Geriatrics, 1986-87.

**Deskin, A.:** Elected to the Board of Directors of the Conseil de la santé et des services sociaux de la région de Montréal métropolitain (Regional Council) for a period of three years as of June 1987.

**Dworkind, M.:** President Conseil des médecins et dentistes CLSC Côte des Neiges. Board of Directors, Centre Québécois pour le désarmement et santé communautaire.

**Fichten, C.S.:** Grants Advisory Committee of the Fonds pour la formation de chercheurs et l'aide à la recherche (FCAR) 1986-87. Member of the Advisory Board for Project Empowerment: Self Defense for Women with Disabilities. 1986-87.

**Frank, D.:** Steering Committee Group on Medical Education, northeast region, Association of American Medical College 1986-1988. McGill University Centre for Ethics, Medicine and the Law.

**Gelfand, M.M.:** Nucleus member of the Royal College Specialty Committee in Obstetrics and Gynecology. Elected first vice-president of the Federation of Medical Specialists of Quebec.

**Gordon, P.H.:** Advisory Board, Canadian Association for Enterostomal Therapy.

**Hiscott, J.:** Medical Advisory Board, Cancer Research Society, Inc.

**Just, N.:** Senior Radiologist, Department of Radiology, Jewish General Hospital.

**Kirmayer, L.:** Elected member of scientific committee, Inter-university Research Group in Medical Anthropology and Ethnopsychiatry.

**Klein, M.:** Chairman, Patient Care Committee, JGH, March 1987. Chairman, Canadian

Family Practice Obstetrics Group, the College of Family Physicians of Canada, April 1987.

**Kwitko, M.L.:** Editorial Board, *International Intraocular Implant and Refractive Surgery Journal*. International Board, The International Society of Refractive Keratoplasty.

**Lasry, J.-C.:** Member of scientific committee of the Kingston (1987) conference, International Association for Cross-Cultural Psychology.

**Lisbona, A.:** President, Board of Examiners, Diagnostic Radiology, Corporation professionnelle des médecins du Québec, 1987. Appointed to the Board of Counsellors of the Radiological Society of North America, representing Western Quebec for 1987.

**Martin, M.:** Vice-chairman, Quebec section, American College of Obstetrics and Gynecology. Member, Tariff Committee, Association of Obstetricians and Gynecologists of Quebec.

**Papageorgiou, A.:** Member of the Scientific Advisory Board, Montreal Diet Dispensary, 1987. Re-appointed to the Board of Examiners for Certification in Pediatrics, Quebec Corporation of Physicians. Re-appointed Chief of Pediatrics of St. Mary's Hospital for 4 years.

**Pinsky, L.:** Editorial Board, *Birth Defects Encyclopedia*, 1987. Chairman, Committee on Public Policy, Canadian College of Medical Geneticists (reappointment). Member, Committee on Manpower, Canadian College of Medical Geneticists (reappointment). Member, Committee on Clinical Coordination, Canadian Cooperative Study on Chorionic Villus Biopsy.

**Pinsky, M.:** Senior Radiologist, Department of Radiology, Jewish General Hospital.

**Poleski, M.:** Associate Professor of Medicine, McGill University, 1987-1991.

**Pollak, M.:** Biological Tumor Markers Committee, NSABP Cancer Clinical Trials Group.

**Schloss, M.:** Chairman, Medical and Dental Evaluation Committee, Montreal Children's Hospital.

**Sherwin, B.:** Final Selection Committee Member, World University Service of Canada, Department of External Affairs, Government of Canada.

**Slatkoff, W.:** Elected Vice-President of the Canadian Human Rights Foundation.

**Small, P.:** International Committee, American Academy of Allergy and Immunology, 1986-88. International Council, American Academy of Allergy and Immunology, 1987.

**Steinert, Y.:** Associate Professor, Department of Family Medicine, McGill University.

**Stern, J.:** Senior Radiologist, Department of Radiology, Jewish General Hospital.

**Vasilevsky, C.A.:** Abstract reviewer, Diseases of the Colon and Rectum.

**Wainberg, M.:** Full Professor, Faculty of Medicine, McGill University. Member of the Fellowships panel of the Fonds de la Recherche en Santé du Québec. Member of the Laboratory Sub-Committee of the National Advisory Committee on AIDS. Chairman of the Fellowships panel of the Cancer Research Society, Inc. Member of Comité SIDA-Québec.