



JGH

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NEWS

Meet Steven Cummings



Years of distinguished service rendered to the community by the Cummings family serve as an elegant backdrop for Steven Cummings. Through

his activities and as his own person he has created his own distinctive image in the communal scheme of things.

Steven Cummings describes his activities as a source of pleasure derived from making an impact on the community, and working with intelligent people with a broad range of ideas.

As a young father in 1976, he visited Yad Vashem (the holocaust memorial) in Israel which affected him profoundly. "It crystallized the agony of the Jewish experience juxtaposed against the comfort of living here. I realized that under certain circumstances I would be unable to protect my family." Galvanized by these feelings and deeply committed to bridging the gap between his generation and those who survived the holocaust, he became the first chairman of the Montreal Holocaust Memorial Centre.

Following this entry into community life, he became active on the board of the Solomon Schechter school. As chairman of fund-raising and the building committee, he oversaw a modernization process which he feels made a fundamental statement about Jewish education in that it indicated the entering of a new era. He stresses the importance of Jewish education, convinced that it has given his

Cummings... continued on page 13

A Vision for the future



After a year filled with meetings, formal and informal, intense analysis, discussion and debate, the strategic plan for the next three to five years was adopted by the Board of Directors on Aug 1, 1989.

When President and Chairman of the Strategic Planning Committee, Leonard Ellen, presented the plan to hospital personnel, he referred to the process' original preamble which called for a systematic hospital wide, in house approach. "I am happy to report", he said, "that the principles which were so clearly spelled out in this document have been met." Throughout the process, ten task forces examined each service covered by their mandate and then evaluated the major issues faced by the hospital. Several common threads and concerns were identified as priorities.

In the end, the process produced 39 key recommendations centred around six axes, which include: improving the hospital's academic status and, in particular, improving its research thrust; actively participating in resolving the shortage of long term care facilities within the community and studying the effect of the aging population on the health care system; striving not only to cope with the present nursing shortage, but to become a "magnet" hospital for

Left to right: Associate Executive Director-Administration Henri Elbaz, President and Chairman of the Strategic Planning Committee Leonard Ellen, Honorary President Morton Brownstein, Dean, Faculty of Medicine, McGill University, Dr. Richard Cruess, Coordinator of the Strategic Planning Committee Joan Best and Executive Director Archie Deskin.

attracting nurses; undertaking a program to improve the humanization of care throughout the hospital; actively being a part of new directions for the Quebec health care system; and undertaking an aggressive approach to improve the hospital's financial status.

Honorary President Morton Brownstein and Mr. Deskin roundly praised Leonard Ellen and his committee while Dr. Richard Cruess, Dean of McGill University's Faculty of Medicine applauded the hospital's proposed efforts to strengthen its ties with McGill. "In the past" he said, "everyone functioned independently. Through a collaborative effort, we can develop centres of excellence for the university".

A letter to Leonard Ellen from David Johnston, Principal of McGill, expresses delight in a reinforced relationship between McGill and the JGH and says, in part "This truly is a situation where the whole is and can be greater than the sum of the parts, and all of us at McGill look

A Vision... continued on page 13



Appointments



Dr. Harvey Sigman



Dr. Maynard Shapiro

Dr. Nathan Sheiner, Chief of the Department of Surgery, is pleased to announce the following appointments: Dr. Harvey H. Sigman as Chief of the Division of General Surgery and Dr. Maynard Shapiro as Chief of the Division of Plastic Surgery.

Dr. Sigman received his degree in medicine from McGill University in 1957. He trained in the McGill surgical program during which time he earned a M.Sc. in experimental surgery. He was a registrar at Hammersmith Hospital of the Royal Postgraduate Medical School of London, England before returning as Chief Resident in Surgery at the Royal Victoria Hospital and the Queen Mary Veterans Hospital, 1962-1963.

He is certified by the Province of Quebec, is a Fellow of the Royal College of Surgeons of Canada and the American College of Surgeons and is a Diplomate of the American Board of Surgery.

He has received the Canadian Forces Decoration and the Governor General's Medal commemorating the Queen's Silver Jubilee.

At present, Dr. Sigman is coordinator of Undergraduate Medical Education as well as Program Director for Surgical Residency training at the Jewish General Hospital. He is a Project Director at the Lady Davis Institute for Medical Research at the Jewish General Hospital where his research interest is ulceration of the stomach. He is also interested in research in geriatric surgery.

He is Associate Professor of Surgery in the Faculty of Medicine, McGill University. He is Chairman of the Admissions and Utilization Committee, a member and past chairman of the Hospital Research Committee. He is a member of the American College of Surgeons Credentials Committee-Quebec section. He is a member of the McGill General Surgery Executive Committee, Program Committee and Undergraduate Education Committee.

Dr. Shapiro pursued his undergraduate studies at McGill University where he received his Bachelor of Science degree in 1956. He earned his degree in medicine at the University of British Columbia in 1960, and took his post graduate training in general surgery at the Toronto General, Montreal General and Jewish General Hospitals. This was followed by training in plastic surgery at the Montreal General, Montreal Children's and Queen Mary Veteran's Hospitals. He received his certification in plastic surgery from the Quebec College of Physicians and Surgeons and became a Fellow of the Royal College of Physicians and Surgeons of Canada in 1967. He was a member of the Editorial Board, Proceedings of the International Congress of Plastic and Reconstructive Surgeons in 1980.

Dr. Shapiro, who has a special interest in surgery of the hand, is also a member of the JGH Facial Nerve Program. He is a member of the Canadian Society of Plastic Surgeons and Past President of the Quebec Society of Plastic Surgeons.

Dr. Shapiro has a staff appointment, as well, at the Maimonides Hospital Geriatric Centre.

Dr. Sigman is a member of various medical societies, has authored several publications and presented his work at professional conferences throughout the world.

In the community he is past president of Allied Jewish Community Services, President of Jewish Support Services for the Elderly, President of the Jewish Cultural Association and on the Executive of the Jewish Community Foundation.

Honored



Leonard Ellen L.L.D.

Mr. Leonard Ellen recently was designated Doctor of Laws, Honoris Causa by Mount Allison University, New Brunswick, in recognition of his outstanding achievements.

Mr. Ellen, President of the hospital Board of Directors and Chairman of the hospital's Strategic Planning Committee, has distinguished himself in service to the community for many years. He is a member of the Board of Concordia University and of the Board of the Jewish Community Foundation.



Dr. Morrie Gelfand, C.M.

Dr. Morrie Gelfand was appointed by the Governor General as a Member of the Order of Canada. The order honors outstanding achievements and "recognizes Dr. Gelfand as a highly skilled physician, teacher and researcher in the field who has made important contributions."

Bloomfield Centre Expands

With the continuing support of the Eldee Foundation, construction will soon begin to expand the JGH Bloomfield Centre for Research on Aging. The addition of a fourth floor to the Lady Davis Institute for Medical Research will give the centre another one and a half floors.

Named for the late Mr. Bernard Bloomfield, who was President of the Eldee Foundation and Chairman of the hospital's Lady Davis Institute, the Bloomfield Centre is focused on carrying out research in aging. Mrs. Neri Bloomfield, who succeeded her husband as President, continues to provide support and financial assistance to enhance these research activities. It was Mr. Bloomfield's belief that, since aging is inevitable, research in aging should be of paramount importance. In order to translate this concept into reality he envisioned the centre as comprising a team of doctors devoted to such research who would interact in order to further their individual studies. Because of the extremely diverse nature of the field, it was his belief that the whole could in fact be greater than the sum of its parts. This is a theory to which Dr. Eugenia Wang wholeheartedly subscribes.

According to Dr. Wang, Director of the Bloomfield Centre for Research in Aging and Associate Director of the McGill Centre for Studies in Aging: "In science, all possibilities must be cultivated; they must not be stifled." Dr. Wang is a gerontologist who is committed to her goal of making the Bloomfield Centre a state-of-the-art research facility which will help answer the questions common to all geriatricians and gerontologists: "What is normal aging and what, if any, diseases are in fact associated with aging?"

Close physical proximity will help in forming that cohesive unit of competent scientists that was Mr. Bloomfield's hope for the Centre and which Dr. Wang envisions. It will continue to be a place where colleagues can take advantage of each others' work to inform their own various areas of research.

Dr. Aisenstadt sponsors Twenty-Sixth Annual Clinical Day



Left to right: Dr. Michael Gold, Dr. John McCans, Dr. André Aisenstadt, Dr. Paul Latour and Dr. Leonidas Dragatakis

This year's 26th Annual André Aisenstadt Clinical Day addressed current issues in the management of ischemic heart disease.

Dr. Spencer King 111, Professor of Medicine and Radiology and Director of the Andreas Gruentzig Cardiovascular Centre at Emory University School of Medicine in Atlanta, addressed the question of whether or not restenosis (recurrence of blockage in an artery) following percutaneous transluminal coronary angioplasty (PTCA) can be controlled. PTCA is the non-surgical tech-

nique of using a balloon catheter in order to repair a narrowed or blocked artery. Since 1982, there has been staggering momentum in the field of interventional cardiology. For example, whereas 1982 saw approximately 10,000 balloon angioplasties, it is projected that more than 461,000 will be performed in 1991: Restenosis may occur within the first three to six months after coronary angioplasty, and sometimes can be treated successfully with a second procedure.

Clinical Day... continued on page 7

Centre donated for Radiation Oncology



The Sir Mortimer B. Davis Jewish General Hospital, is grateful to Mr. and Mrs. Leo Goldfarb for an extremely generous donation. Their gift (\$2,000,000) will enable the hospital to acquire a treatment planning simulator and high energy linear accelerator which will be housed in the Shirley and Leo Goldfarb Centre for Radiation Oncology.

Medical Records... Now Computerized

The Medical Records Department never sleeps! Open seven days a week, 24 hours a day, it is staffed by some sixty employees who work three eight hour shifts. Under the direction of Eva Wolff, the department runs very efficiently and is in the process of expanding its computerization program, which, besides increasing efficiency, will serve to enhance the quality control.

According to law, all medical records must be kept on file five years. Beyond that, files may be destroyed, but three documents pertaining to each file must be kept: the summary sheet with the diagnosis, medication and discharge notes, etc.; the surgery report, if applicable, and the pathology findings. If there was a post mortem, that report must be kept as well. In the case of children, the law stipulates that the hospital must keep the records until the age of 23. Since the JGH is a teaching hospital, the board has decided that the hospital should keep all records for at least 15 years from the last contact with the patient. This is not just an arbitrary number. A survey of research projects indicates that while most specific research will review records between 5 and 10 years, some projects review records of 10 and 15 years. Rarely do they go beyond 15. However, before any records are destroyed, the chiefs of service are contacted to ascertain whether any data should be kept to aid later research. Inactive records are kept off site in archives which are shared by all McGill teaching hospitals.

The computer system is designed to manage all pertinent patient data, and makes records management much easier. All records are bar-coded with the patient's record number, name and date of birth to facilitate their loan and return. All software is written and provided by IST Santé which specializes in programs for health care. The record management software has been in existence since 1986 and Medical Records was given the go ahead to computerize this year. In view of the complexity of the work and the volume of patients, computerization was especially necessary in order to maintain effective control of all records.

The software consists of three modules. The first is for loan management



Eva Wolff, Director of Medical Records for 28 years, will be retiring at the end of December, 1989. Her contribution to the hospital's development is inestimable.

which permits the Medical Record Service to keep track of the actual physical whereabouts of each record at all times.

The second module is designed to purge inactive records. Records are deemed semi-active after one year and are kept on site for three years thereafter. At the end of the three year period, inactive records are transferred to the archives for storage. The computer system keeps the department informed as to which records are inactive and exactly where they are located and expedites both moving the records off site and bringing back those which are to be purged or reactivated.

The third module controls incomplete records. Once a patient is discharged, his/her records are assembled and analyzed to determine whether they have been completed by the physician responsible for the patient's care. The records administrator looks at the patient's chart, determines what is missing and fills out a detailed analysis sheet indicating what must still be provided. The completion sheet is then inserted into the record and the information is keyed into the computer which produces reports indicating delays in chart completion, when last the physician came in to complete the chart, and periodical reports enabling the department to keep abreast of which charts are still

incomplete. All statistical reports are circulated to the chiefs of service, the Director of Professional Services and to the Medical Records Committee.

Built into the system is a quality control mechanism, to ensure complete and accurate records. The Medical Records Committee determines which specific components it wishes to assess in the chart and the computer will report whether that information is present. These details may be anything from the recording of patient histories to admission or discharge notes.

Medical Records must prepare a listing of all possible locations in the hospital to which a record may be loaned, eg. clinics, doctors' offices, administration offices and labs. The computer makes it possible to keep track of the whereabouts of all records, and ensures that they are returned within eight hours.

In addition to computerized record management, Medical Records also maintains computerized clinical patient data. These are all the statistical reports which detail the number of patients discharged by each service (divided by age group), as well as the reports on all the diagnoses and all the operations (and any complications) by service, by physician, and by surgeon.

Another valuable consequence of

Medical Records... continued on page 13

Endowment established



Left to right seated: Martin, Ellen and Gary Prosserman, Standing: Dr. A. Mark Clarfield, former head nurse Linda Smith, Morton Brownstein, geriatric nurse clinician Jane Bates Bourgeois and Dr. Howard Bergman.

The Prosserman family recently established an endowment fund which will enhance the services of the Department of Geriatrics. A geriatric day care centre is being discussed with the aim of reducing emergency visits and hospital admissions of elderly patients.

At a meeting with hospital personnel, Martin, Ellen and Gary Prosserman heard Dr. A. Mark Clarfield, Chief of Geriatrics, give an overview of the division's activities.

The Prossermans eloquently spoke of their wish to do something special in recognition of the accomplishments of this hospital. Expressing gratitude, Honorary President Morton Brownstein said "everything in the hospital that's exciting and worthwhile stems from people like yourselves who want to do something that fulfills an important community need."

Tournament aids research



Left to right: Steve Favor, Marty Isai, Steve Schreter and Dr. Larry Panasci.

The annual Larry Robinson Golf Tournament was played this past summer at Elm Ridge Golf and Country Club. Proceeds of the sellout event were devoted to the cancer research activities of Dr. Larry Panasci, a medical oncologist at the JGH. Organized by Donny Cape, Steve Favor and David Vineberg, the tournament was sponsored by Uniden Inc. whose chief executive officer is John Robertson. For their generous sponsorship of the event, both Mr. Robertson and Mr. Robinson were presented with the hospital's testimonial of appreciation by Al Regenstein, the hospital's Foundation Director.

Sheila Diamond Memorial Lecture



Left to right: President of the Centre Board, Leonard Ellen, Dr. Paul Nilot, Arthur Diamond, Chief, Department of Oncology, Dr. Richard Margolese, Dr. Jonathan Nilot, Ronda Diamond, Dr. Abe Mayman, Richard Diamond, and Chief, Department Obstetrics and Gynecology, Dr. Morrie Gelfand.

The Sheila Diamond Memorial Lecture sponsored by the Dr. Abe Mayman/Dr. Paul Nilot Endowment Fund was held at the hospital in September. At this inaugural lecture, Tumor Markers was the topic addressed by Dr. Jonathan Nilot, who interned at the JGH, and is now Chief, Division of Gynecology, New England Deaconess Hospital, Boston and Assistant Clinical Professor of Surgery, Harvard Medical School.

McGill chair endowed



Left to right: Honorary President Morton Brownstein, Principal David Johnston, Dr. Richard Margolese, Herbert Black and Dean Richard Cruess.

Herbert Black has donated \$1.5 million to McGill University for the establishment of the Herbert Black Chair in Surgical Oncology. A reception was held at McGill to mark this major endowment, and the appointment to the chair of Dr. Richard Margolese, Chief of the Department of Oncology at the Jewish General Hospital and a McGill professor. McGill principal David Johnston said the chair recognized the "immense contribution of Dr. Margolese to teaching, research and care of the sick".

Dr. Richard Cruess, Dean of the Faculty of Medicine, praised Margolese as "an eminent surgeon, responsible in no small way for the fact that we do not anymore practice debilitating and disfiguring surgery in the treatment of breast cancer in Canada." He said Margolese and his JGH colleagues' development of effective chemotherapy and radiotherapy treatment has permitted this advancement.

Canadian Conference at JGH



Dr. Clarfield addresses conference.

There are 250,000 demented people in Canada, and an estimated 25,000 new cases per year, reported Dr. A. Mark Clarfield, Chief of the JGH Division of Geriatrics, at the Canadian Consensus Conference on the Assessment of Dementia. About 10% of the Canadian population is over 65 and an increase to 25% is predicted within 50 years. As the population ages, these numbers will continue to rise.

Dr. Clarfield was chairman of the conference wherein experts from various fields gathered at the Jewish General to draw up recommendations for primary care physicians (family practitioners, general internists and psychiatrists)

faced with the task of diagnosing patients with dementia.

The participants in this Canada wide conference drafted a new set of guidelines for family physicians who will handle most of the dementia cases. Dr. Clarfield hopes that the new guidelines will help these physicians diagnose most of the cases on their own rather than turning immediately to specialists. At present, and into the foreseeable future, Canada does not have nearly enough specialists to assess the number of dementia patients. As well, criteria were suggested for patients who should be sent to consultants such as geriatricians, neurologists or geropsychiatrists.

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The Sandy Braverman Memorial Award

A Study of Geriatric Services in Sweden

by Marlene Levine N., B.A.

As recipient of the Sandy Braverman Memorial Award in Geriatrics, I chose an eight-day study trip throughout Sweden, organized by the Université de Québec in collaboration with the Swedish Institute, Stockholm. Twenty-five participants met with health care givers, researchers, academics, administrators and politicians, and visited several geriatric care facilities.

We were exposed to the political organization of health care and legislation that is being planned for the demographic expectations of the next two decades as well as socialized and medical/healthcare studies that are influencing such change.

The Swedes are very much involved in providing adequate housing for the elderly, and subsidize adaptations to existing domiciles wherever possible. We visited alternative intergenerational

housing projects where pensioners, young handicapped, and ordinary families live in large complexes that also house health centres, day centres, recreational and home care facilities for the entire neighborhood. The basic goal is to provide as normal living conditions as possible, and along with adequate home care, delay or avoid placing people in institutions.

Home help service is a collective concept for many forms of activity, i.e. bathing, laundry, podiatry, transportation, meals on wheels and snow clearing and in many areas, medical and nursing care.

We visited a large geriatric complex in Motola, where a range of services from acute care, rehabilitation, day centre, clinics, nursing homes, and the unique Hospital Based Homecare Program has been in operation since 1976.

It offers extensive medical, nursing, physio and occupational therapy, dental and technical aids to the chronically ill or terminally ill, as well as support to families when the choice is to remain at home.

For the most part, patients with dementia are located in special care units separate from those suffering from physical ailments. We visited such units in day centres, nursing homes and a particularly innovative project at Baltzgarten, where six elderly people with advanced Alzheimer's disease live in a suburban house, with skilled staff looking after their "guests".

With a range of innovative programs and services for the elderly in place or on the drawing boards, Sweden, although light years ahead of most countries, is not without its problems, e.g. difficulty recruiting and retraining adequate staff.

The Government Care of the Elderly Bill of May 1988 proposes measures to deal with the above problems. Two of the most significant programs resulting from the bill and partially in operation are: a) an improvement in training and education of personnel with more positions opened for full time employees, and more flexibility of time. b) a program to improve support to families giving 30 days paid leave to care for a sick relative.

Because of multiple cultural, economic and political reasons we cannot transplant a system from one country to another. However, from the Swedish Model, we can hopefully adapt some of the elements of geriatric care to our present system. Some examples are, the utilization of existing facilities such as subsidized apartment complexes and nursing homes to house community health and medical centres, cafeterias etc; the expansion and diversification of home care services; the increase in the number of day hospital and day centres with separate units for cognitively impaired individuals; the expansion of our foster home system, with skilled professional input and supervision.

Health care providers and seniors themselves should become more involved politically and demand input into future planning. The baby boomers of today will be the seniors of tomorrow and we are not nearly prepared.

Marlene Levine is Nurse clinical/coordinator Geriatric Assessment Unit of the Jewish General Hospital.

Clinical Day... continued from page 3

A newer procedure which may be effective in the treatment of restenosis is laser angioplasty. Former Montrealer, Dr. Frank Litvack, who is currently Assistant Professor of Medicine at UCLA and co-director of the catheterization lab at Cedars Sinai Medical Centre in L.A., discussed percutaneous excimer laser coronary angioplasty (ELCA), a relatively new laser technique which appears to be very successful in treating coronary artery disease.

Performed in much the same way as the standard PTCA technique, ELCA is a very precise alternative to other laser procedures. Using a pulsating laser rather than high temperatures and a continuous laser wave, the excimer technique does not generate heat and

therefore reduces the extent of arterial damage. Indeed, excimer energy has been found to be extremely effective in removing plaque and reducing luminal narrowing. Current research revolves around the modification of catheters in order to improve their flexibility and to permit physicians to choose the catheter diameter most appropriate for the artery being treated.

During the day long symposium, "Current Management of Unstable Angina" was presented by Dr. John McCans, Chief of the JGH Division of Cardiology; "Strategy for Managing the Non Q Wave MI Patient" by Dr. William Boden, Chief of Cardiology at Boston V.A. Medical Centre; and "A Contemporary View of Thrombolysis in Acute Myocardial Infarction" by Dr. Paul

Armstrong, Professor of Medicine at University of Toronto and Chief of Cardiology at St. Michael's Hospital, Toronto.

Dr. Lucien Campeau, Clinical Professor of Medicine at University of Montreal and Senior Cardiologist and Research Associate at the Cardiology Institute of Montreal's Research Centre, discussed the 25 year history of coronary artery bypass surgery.

Dr. Paul Latour and Dr. Leonidas Dragataki of the JGH Division of Cardiology chaired the morning and afternoon sessions, respectively.

Dr. Michael Gold coordinated the 26th Annual Clinical day named for Dr. André Aisenstadt who conceived of and has generously sponsored this event since its inception.

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Stroke Club brings pleasure



Back Row left to right: Fanny Freedman, David Silver, Ray Vinegar, Molly Annick, Julius Cappell, Evelyn Raphael, Sybil Zanger, Evelyn Yates.
Front row left to right: Raymond Gasoi, Montague Buckman, Donna Adelman, "Sam" and Sophie Destounis

If attitude has anything to do with a patient's prognosis after a stroke, then the organizers of the JGH Stroke Club must take a bow. The Club provides the opportunity for people who cannot get around easily to socialize, to make new friends and encourage each other on to greater satisfactions in their rehabilitation.

Every week, this non-sectarian, non profit group meets at the Temple Em-

manuel-Beth Sholom where the hall and facilities are donated. There, the members hear lectures, concerts and play cards and other games. Supervised by volunteers, the program also offers therapeutic assistance in speech and physical exercises.

The ability to move about varies amongst the group members, from walking without assistance to wheelchairs. For members who cannot get to the

meeting on their own, special MUCTC buses or volunteer drivers are available.

Professional advisors are Claudette Fletcher, JGH Stroke Team coordinator, and Dr. Joseph Carlton, JGH neurologist. The programs are arranged by members themselves who elect their own officers, including President Freda Rubin and Vice-President Joy Tytherleigh.

The Stroke Club was formed four years ago by Chairman Montague Buckman. Imaginative, tireless and resourceful in his efforts on behalf of the club, his devotion is largely responsible for the club's success. He and dedicated co-chairman, Julius Cappell, insist, however, that praise and appreciation must be shared by all the volunteers in the group. And that includes Hy and Donna Adelman (she's a former JGH nurse) and their dog, the amazing Sam, who sponsor outings at their farm in Rigaud three times a year, and Fred and Naomi Henshaw who welcome the group at their home in Hudson for a picnic every summer.

The Stroke Club is totally self-supporting and voluntary contributions are gratefully accepted. For further information, please call Mr. Buckman at 481-1077, Sophie Destounis at 489-1527 or Julius Cappell at 932-9674.

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At the Lady Davis Institute...*

Diabetes: Studies into mechanisms of insulin action

Dr. Ralph Germinario

In practice any condition where there is an elevation of glucose (ie. sugar) in the blood under fasting conditions tends to be called Diabetes. In man, there are two major types of Diabetes mellitus: Insulin-Dependent Diabetes Mellitus (Type 1) formerly designated Juvenile-Onset Diabetes and Non-Insulin Dependent Diabetes Mellitus (Type 11) formerly designated as Maturity-Onset Diabetes Mellitus. Generally speaking, the prevalence of Diabetes is about 10 and may be as high as 50 per 1000 in the population with approximately 15-25% being Type 1 and 75-90% being Type 11. Insulin-dependent diabetes results from the destruction (perhaps self destruction?) of the cells in the body that produce insulin. Predisposition involves both genetic and environmental factors (a virus?). In contrast, viruses and self destruction of insulin producing cells are not involved in non-insulin dependent diabetes. This disease is strongly affected in its expression by hereditary and dietary factors. Obesity is a common precipitating factor and weight loss has been shown to reduce the level of blood sugar with a return to a "normal" state. All is not so simple, however, since non-insulin dependent diabetes can occur in non-obese individuals.

A characteristic feature of non-insulin dependent diabetes insulin resistance. What do I mean by insulin resistance? In simple terms, when the blood sugar is high, insulin producing cells release insulin. This insulin heads for certain target tissues and organs in the body (eg. liver, muscle and fat). Insulin allows for increased entry of sugar into these "targets" resulting in a return to normal levels of sugar in the blood. In insulin resistance, normal or elevated amounts of insulin will not effect the entry of sugar into these targets. To truly understand insulin resistance, we must understand how insulin works on sugar entry. It is this particular question that provides the major impetus for our research endeavors.

While insulin has been known for a



Working in the lab with Dr. Germinario (standing third from left) are: l. to r. Blaine Leckett, Susannia Manuel, John Vidmar, and Susan Andrejchshyn.

number of years and used to successfully treat many diabetics, its mechanism of action has remained relatively obscure. Many cells possess on their surface a structure called an insulin receptor. Insulin makes contact with this receptor in a kind of "lock and key" interaction. This interaction "activates" the cell and through a series of mostly unknown post-receptor steps, the cell increases its ability to take in sugar.

Insulin resistance can occur at any one of the steps along this pathway. The number of insulin receptors and their ability to recognize insulin at the cell surface are important contributors to the magnitude of activation that can occur. Decreased or abnormal insulin receptors on target cells can result in insulin resistance. After interaction of insulin with its receptor, a block in any one of a number of post-receptor events can also result in insulin being unable to do its job.

In our laboratory, we are focusing our efforts into understanding what are the post-receptor steps involved in insulin's "activating" a cell to increase its sugar entry. Recently, it has been shown that insulin increases sugar entry by moving "sugar carriers" from inside the cell to the cell surface. A sugar carrier is a protein at the cell surface whose function is to carry sugar into the cell. In the absence of insulin, there may be 50 of

these protein at the cell surface. After exposure to insulin there may be 500 of these protein at the cell surface all carrying sugar into the cell. What is very interesting and very exciting is that these carriers are sitting in a special spot inside the cell and insulin provides a signal that tells the cell "Move these sugar carriers to the surface!" Additionally, in some animal models of insulin-resistance, recent studies have indicated that this special place in the cell where sugar carriers should be is empty and there are no carriers to answer insulin's call. Understanding those factors that affect the position and number of these sugar carriers in cells is critical in determining how insulin may affect them, how they can be repositioned or synthesized so insulin can affect their movement. We are using human skin cells (isolated from healthy people and diabetics) that we can grow in test tubes as a model system to study the mobilization of sugar carriers by insulin. One aspect of our initial work has been to try to purify and distinguish those sugar carriers at the cell surface from sugar carriers inside the cell. This has been an arduous task but we are succeeding in accomplishing this goal. We have been able to influence the movement of the sugar carriers by various factors (eg. insulin) in a similar fashion in many "animal" studies.

One very exciting study in our laboratory, involves the effects of allose, a different sugar than glucose. We have shown that exposure of cells to allose dramatically reduces the number of sugar carriers at the cell surface (80% decrease). Where do they go? Are they inside the cell in insulin-sensitive areas? The answer appears to be no. Are they sequestered intact inside the cell? Has the cell digested them? How does allose do this? These are very important and exciting questions because they will provide clues to how cells control the position and distribution of sugar carriers. Another area of interest for us is the relationship between sugar entry and cellular energy supply. Sugar is necessary for cells in energy production and this can occur via two processes: 1) an

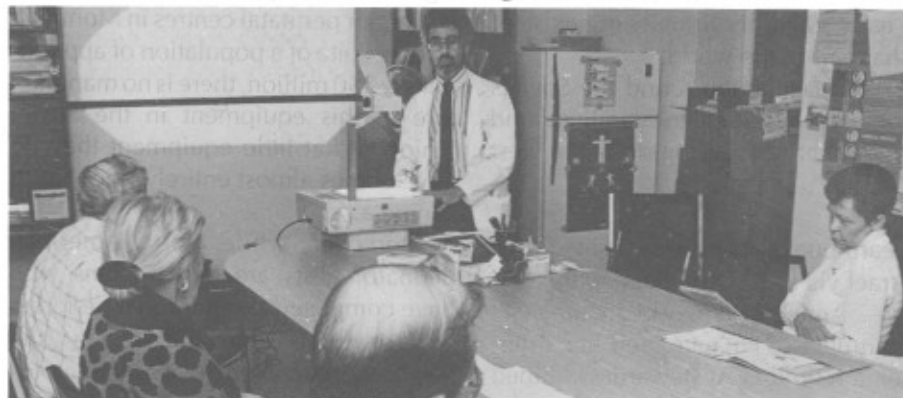
oxygen-dependent process called respiration and 2) an oxygen independent process. We are studying human cells that are mutated in their oxygen-dependent energy generating process. Thus, their only avenue for energy generation is through the oxygen-independent process. Because of this mutation these cells have adapted to their curtailed ability to generate energy by increasing their sugar entry rates ten times the normal rate. We are investigating the mechanisms involved in this increase. Have these cells made more sugar carriers, have they redistributed these sugar carriers or have a combination of changes been effected? Can they respond to insulin? The answers to the questions that we are asking will provide clues into the way cells regulate sugar

entry and how they respond to insulin by increasing sugar entry.

So, why is this important? To answer this, allow me to make an analogy between treating an anemic patient whose anemia could have different causes with a blood transfusion, and treating an insulin-resistant diabetic patient whose diabetes could have different causes with insulin. Let's now take a quantum leap into the future. Having discovered the structure of key molecules that control the amount of sugar entry post-insulin exposure, we should be able to use this knowledge to design specific drugs better suited to solve the problem of sugar entry in insulin resistant patients, hopefully yielding a more effective treatment.

**The Lady Davis Institute is the research facility of the Jewish General Hospital.*

Diabetes and self-management



Dr. Sam Lerman in the Diabetic Day Centre.

Just commencing its third year of operation at the JGH, the Diabetes Section of the Medical Day Hospital was established in response to the need for education on self monitoring and self managing the disease. According to endocrinologist, Dr. Sam Lerman, Director of the Diabetes Section, diabetes is a unique disease in that it lends itself very well to self management.

But education is of tantamount importance if self management is to be effective. To that end, the Diabetes Section of the Medical Day Hospital has established a four day teaching program which covers the dynamics of insulin, meal planning, and exercise and complications which may occur and the reasons behind certain types of treatment. It is dedicated to teaching diabetes sufferers and their families as much as

possible about the disease so that they may cope as effectively as possible with its management.

The bottom line is to keep people out of the hospital, both for the sake of the patients and to help decongest the hospital. In that respect the Diabetes Section of the Medical Day Hospital has been an overwhelming success. Prior to its establishment, JGH beds were occupied on a daily basis by people with diabetes; 40 to 50 admissions per year. In the almost three years since the opening of the Diabetes Section of the Day Hospital, there have been only one or two overnight admissions to the hospital whereas the Day Hospital has assessed and monitored somewhere between two and three hundred patients annually and has approximately 1000 visits per year. In addition, diabetic patients who are

admitted to the JGH for other health problems and who generally would be forced to stay longer due to complications arising from their diabetic condition, now require shorter stays. Once their initial problem is handled they can be discharged and have their diabetic condition monitored on an out patient basis through the Day Hospital.

Covered by Medicare, the four day course starts at 8 a.m. and runs till 3 p.m. Each group consists of four to eight participants and a new course begins each week. Team work is the key to success. In addition to Dr. Lerman, diabetes educators Shari Gagné (nurse clinician) and Janis Morelli (dietician) monitor the participants' conditions, answer questions, and offer group and individual counselling as well as lectures and audiovisual aids. Once the patient has completed the course, a full report of his condition is sent to his own private physician. Patients are referred to the Diabetes Section by JGH out-patient clinics, in hospital wards, or the emergency department.

People with diabetes who would like to learn more about their disease and its management are encouraged to contact their doctors about referral to the program. According to Dr. Lerman, "without exception, graduates of the course have enthusiastically reported how much they have learned, and indeed, how much they now realize they didn't know before taking the course." **ISS**

Dr. Papageorgiou visits the Soviet Union

The JGH Chief of Neonatology and Pediatrics, Dr. Apostolos Papageorgiou, as well as four specialists from the U.S., participated in a series of hospital visits, lectures, and round table discussions in Prague, Moscow, Leningrad, and Kiev. The purpose of the trip was to foster an exchange of ideas and perhaps help to educate Soviet pediatricians to further their hope of eventually developing their own field of neonatology.

In terms of technology, we tend to perceive the Soviet Union as extremely advanced. However, when it comes to certain medical technology, they are lagging far behind North America and western Europe. With this in mind, the Soviet Ministry of Public Health sponsored this conference on neonatology, a relatively new field in pediatrics.

It is defined as the care of any newborn baby who needs help. In the west, the technology and knowledge have become so advanced that babies born at only 24 weeks gestation and weighing as little as 600 grams (less than



Dr. Papageorgiou with Soviet colleagues at the Moscow Maternal Child Institute of Health.

one and a half pounds) can often be saved and go on to live normal, productive lives. However, in the Soviet Union, the fetus is not even considered a viable human being until 28 weeks after conception. Neonatology, particularly in the early stages, is virtually nonexistent in that part of the world.

Dr. Papageorgiou found the Soviets to be sorely lacking the facilities and training that neonatologists in the west

enjoy. For example, the Moscow Maternal Child Institute of Health (Moscow's most advanced facility) has only three respirators and six incubators while the JGH neonatology department maintains eight and 30 respectively, and is one of five major perinatal centres in Montreal. And, in spite of a population of approximately 250 million, there is no manufacture of this equipment in the Soviet Union. What little equipment they do have comes almost entirely from North America.

Moreover, while North American neonatologists are pediatricians who have completed an additional period of two or three years training in the newborn specialty, Soviet neonatologists have no more background in neonatology than do most good North American pediatricians with an interest in newborns. In fact, they are pediatricians (usually women) who take care of infants in addition to undertaking other tasks which we in the west generally ascribe to nurses, nurses' aides, volunteers, and maintenance workers. These doctors are eager to practice more advanced neonatology but are frustrated in this pursuit due to the current lack of training and facilities.

Standards of care do vary from place to place. According to Dr. Papageorgiou, the practice in Prague is closer to European neonatology and seems more advanced than it is in Russia. Perhaps because of its proximity to Finland, Leningrad is somewhat more advanced than the other Russian cities included in the tour.

Armenians receive help



Anne Demirdjian with one of the earthquake victims.

Anne Demirdjian was profoundly moved by her experience in Israel last summer. Just as she arrived for her annual visit in Haifa, where she was born of Armenian parents, The Joint Distribution Committee, the relief arm of the American Jewish Community, appealed for volunteers to help with 62 Armenians who had lost limbs during

the earthquake. They were being flown to Israel via El Al to be fitted with prostheses. Anne, who works in the JGH Department of Finance, and her sister, Janet, a retired El Al stewardess, joined in the overwhelming response from the Israeli Armenian community (250 in Haifa) and Israelis in general. Round the clock help was needed to take the patients to physiotherapy, act as translators, etc.

While the army supplied bed linens and towels, the JDC provided most of the necessities. The JDC also arranged for Janet to borrow a van to transport the patients wherever necessary. The prostheses, described as light and very comfortable, were made by Israeli experts, who, according to Anne, worked day and night. "I have seen things that I have never seen before," said Anne, who helped during the fitting of the prostheses. Sixteen operations, as well, were performed by Israeli doctors on the young Armenian earthquake victims. Anne was deeply touched by the many people who came bringing gifts and "non stop help".

BR

ISS

JGH welcomes visitors...



Recently, the hospital was pleased to welcome M. Gerald Tremblay, Quebec Minister of Trade and Commerce. He visited several areas and is shown here at the Emergency Department. Left to right: Executive Director, Archie Deskin, Associate Executive Director-Administration, Henri Elbaz, M. Tremblay and Chief of the Emergency Department Dr. Marc Afilalo.



Thérèse Lavoie-Roux, former Minister of Health and Social Services, dropped in unexpectedly. We were pleased and honored to receive her.



Left to right: Dr. Herbert Schulman, Dr. Mark Wainberg, Dean Richard Cruess, and Dr. Leonard Pinsky.

Dean Richard Cruess of the McGill University Faculty of Medicine visited the Lady Davis Institute. Dean Cruess met at length with various members of our research staff, and toured the laboratories of LDI for the first time.

He acknowledged the university's pride in the many important contributions of the JGH based members of the McGill faculty to the understanding of a wide range of human diseases. The hospital looks forward to future visits by the Dean and to a strengthening of our mutually beneficial relations with the University.

...and sends delegates



Dr. Michael Klein Chief of the Department of Family Medicine, led an eight member JGH delegation to the triennial conference of the World Association of Family Practitioners, held in May in Jerusalem. This was the largest contingent from any hospital, and included: Standing left to right: Drs. M. Malus, M. Klein, H. Bergman; seated left to right: Drs. L. T. Montour, A. M. Clarfield, Y. Steinert, C. Levitt

Trauma and Rebirth: Intergenerational Effects of the Holocaust

Until recently, clinical investigations carried out over the last twenty or more years have resulted in the belief that there is a higher than normal incidence of psychological impairment among the children of holocaust survivors. However, *Trauma and Rebirth*, a new book by John J. Sigal, Director of the Division of Psychiatric Research at the Jewish General Hospital and Morton Weinfeld, Associate Professor and Chairman of the Sociology Department at McGill University, refutes these earlier findings.

Apparently, original studies may not have been completely accurate since, almost without exception, those people studied had all been admitted to hospitals and clinics. Drawing this time from unbiased, non clinical sample surveys from three generations of Jewish Montrealers (survivors, children, and grandchildren of survivors), *Trauma and Rebirth* is the first empirical study of the psychological consequences of the holocaust to span three generations.

This new investigation shows that

second and third generation holocaust survivors are generally no more dysfunctional than the general population. In fact, according to Dr. Sigal, human resilience in the face of adversity is significant and memories of suffering are often short.

Instead of simply addressing dysfunction and psychological impairment of holocaust survivors and their families, *Trauma and Rebirth* measures the impact of holocaust survival against that of other traumatic events such as earthquake, flood, fire, assault and other catastrophes. In addition, the book discusses both the long term and intergenerational effects of severe victimization and other forms of exposure to excessive, prolonged stress.

Studies of survivors do substantiate that, as a group, a significant number continues to suffer; however, their children seem relatively unaffected. Post Traumatic Stress Syndrome is often talked about in connection with Vietnam War veterans, but it also significantly affects holocaust survivors. Such

symptoms as anxiety, depression, nightmares, inordinate reaction to sudden loud noises, social and economic impairment, and even a dramatic increase in their propensity to physical disease characterize sufferers of PTSS. Those children of holocaust survivors who do suffer some psychological dysfunction generally exhibit much the same symptoms.

However, an interesting footnote to the study is that grandchildren of survivors seem to be even better adjusted emotionally as a group than the normal population. Sigal postulates that the reason for this has something to do with the extreme joy that holocaust surviving grandparents feel at witnessing a third generation and the concomitant attention, love, and security their grandchildren experience. The book's title reflects this positive consequence.

Published by Praeger, *Trauma and Rebirth* is available at The Book Centre and Bibliophile, as well as several libraries.

ISS

Facial Nerve Retraining

A newly established Facial Nerve Retraining Program is offering new hope to persons who suffer from facial paralysis or weakness. It is the first program in Quebec and uses a new technique combining exercise, physiotherapy and biofeedback.

The program is made possible by the Rosanne Rosen Memorial Fund of the Acoustic Neuroma Association of Canada, a fund established in memory of the late Rosanne Rosen by her husband and children, Hascal, Robyn and Shauna.

The aim of the program at the JGH is to evaluate and recommend treatment for all forms of chronic facial nerve dysfunction, using all available useful techniques. Any person with facial paralysis lasting more than six months can be referred to the program by their own physician. A panel of medical experts in a variety of specialty fields will assess



Left to right: Shirley Entis, R.N., Neurosurgery coordinator, Virginia Garossino, President of ANAC, Dr. Irena Danyis, Chairman, Executive Committee, Hascal, Robyn and Shauna Rosen.

each case and suggest possible therapeutic options. The multi-disciplinary team includes specialists from the Departments of Neurology, Neurosurgery, Otolaryn-

gology, Plastic Surgery, Ophthalmology and Psychiatry.

For further information please leave a message at 340-8222 local 4614.

Cummings... continued from page 1

children (a girl of 10, a boy of 13) a firm foundation, a strong sense of their identity.

Steven Cummings joined the JGH Centre Board last spring after several years as a hospital Foundation board member. He describes the hospital as part of the centre of gravity of our community, with the strength of the Jewish community very much linked to the strength of the hospital. Despite the dramatic changes and the intensive government involvement in the delivery of health care, Mr. Cummings insists that "the more you know, the more you realize that the destiny is in your own hands." He believes that an active visionary group can recharge, maintain and increase the dynamic nature of the institution. "You see it," he explains, "in the new buildings and all the ideas expressed and then turned into reality."

As a result of joining the board, Steven Cummings has taken on a number of responsibilities and relishes the opportunity to play a role in defining the mandate of the hospital. To illustrate, he cites the long term care patients, the elderly who should not be living in an acute care institution "that can't deliver the goods." The solution lies beyond the walls of the

JGH. It involves the whole community, he insists.

Involved in Allied Jewish Community Services for many years, he appreciates the broad perspective which allows him to understand all the elements without becoming an advocate for one or another.

Now a vice-president of AJCS, his vision of the delivery of health care is an integrated one. "We must synthesize together a cohesive plan that will enable us to create more beds and appropriate facilities that permit people to live in dignity."

The community is faced with a shrinking financial base and increasing needs. His hope is that the various community agencies focus on "what makes us one, not on what separates us, and this will generate support of people of good will."

He is optimistic about the hospital's future. "We're expanding and creating the kind of institution that will serve the total Montreal community. We're building a strong hospital offering exciting opportunities to young physicians. By retaining and attracting the best professionals, we will be able to deliver the finest care and position ourselves to be at the cutting edge in the medical world."

He sees the JGH commitment to research, a priority of the hospital's strategic plan, as strengthening our ties with McGill enabling us to become an exciting 'première' institution in the community. "I hope I can be part of it," he says.

Steven Cummings is challenged and stimulated by his family's real estate and investment business where he works with his father and grandfather. He is unequivocally committed to his family which includes his two children, Rachel and Joshua, and his wife Susan, a psychiatry resident in the McGill program, currently at the Allan Memorial Institute.

When the Jewish National Fund paid tribute to three generations of his family last spring, he found the experience inspiring. Being honored with his 92 year old grandfather, (Maxwell Cummings) and father, (Jack Cummings) touched him deeply. "My family's tradition of being involved gives me a sense of continuity. I learned this from my grandfather and father. I will teach it to my children".

BR

Medical Records... continued from page 4

computerization is the access to information which is available between McGill teaching hospitals. For example, if research is being conducted at one hospital and the researcher wishes to increase his patient sample, he may request permission from the records departments of other hospitals to use the records of patients who suffer from the same medical conditions which he is studying. There are many requests of this sort and all must be authorized by the Director of Professional Services. Different protocols are utilized and these are determined by whether the patient is to be contacted directly or whether only the documentation is consulted with the patient remaining anonymous.

Diagnostic and laboratory services at the JGH are in the process of being computerized or are already computerized. Once computerization of these services is completed, nursing stations will have direct access to the clinical data. This will provide faster access to information. It is expected that in the near future nurses will be able to develop on the computer the care plan for each patient.

ISS

A Vision... continued from page 1

forward with great enthusiasm to working with you and your colleagues to bring this about."

Mr. Ellen ended his presentation by thanking Executive Director Archie Deskin for his leadership in setting out the process, Associate Executive Director-Administration Henri Elbaz for his untiring support and Joan Best who coordinated the process so successfully.

Now that the plan has been committed to paper, and the hospital is committed to the plan, implementation must begin.

BR



Dr. Tina Kader

Sheldon Zelman Award

Dr. Tina Kader has received the fifth annual Sheldon Zelman Award, with academic excellence and sensitivity in patient care as the criteria. Established in memory of Dr. Sheldon Zelman, a well loved resident at the JGH, the fund provides a cash prize annually in perpetuity to a resident in medicine.

BULLETIN BOARD

GRANTS

Alzheimer Society of Canada

Chertkow, H.: \$8,000. Semantic priming and semantic memory loss in Alzheimer's disease.

Cancer Research Society

Brem, S.: \$35,000. Pharmacological alteration of copper metabolism: effects on brain tumor growth, angiogenesis and cerebral edema.

Brenner, B.: \$35,000. Cellular mechanisms of natural immunity and their role in antitumor responses to breast cancer.

Hiscott, J.: \$37,000. Induction of cellular gene expression by tax gene product of human T-cell leukemia virus (HTLV-1).

Kleiman, L., Parniak, M.: \$31,000. Studies on the role of pteridine-mediated regulation of tRNA modification in cellular transformation.

Panasci, L.: \$42,500. Detailed investigations on the mechanism of resistance to the nitrogen mustards in CLL patients and breast cancer cells.

Pollak, M., Polychronakos, N.: \$35,000. Role of somatomedins and epidermal growth factor - the proliferative behavior of human cancers.

Shyamala, G.: \$24,000. Steroid hormonal regulation of heat shock protein and progesterone receptor gene expression in mammary cells.

Centre de Recherche pour le Développement International

Wainberg, M.: \$20,000. Recherche biomédicale de la V^e Conférence Internationale sur le SIDA.

Conseil Québécois de la Recherche Sociale

Libman, E.: \$7,496. Psychosexual consequences of prostatectomy: Research and therapy implications.

Fonds de la Recherche en Santé du Québec

Clarfield, A.M.: \$5,000. Canadian consensus conference on the appropriate work up of dementia by the primary care physician.

Gagnon, A.J.: \$56,201. An evaluation of an early postpartum discharge program with respect to mothers' length of time in Quebec.

Langleben, D.: \$9,333. Etablissement de Jeunes Chercheurs.

Fonds pour la Formation de Chercheurs et L'Aide à la Recherche

Libman, E.: \$28,000. Measurement and determinants of sexual dysfunction: its contribution to impaired psychological health.

Health and Welfare Canada

Clarfield, A.M.: \$38,500. Canadian Consensus Conference on the appropriate work up of dementia by the primary care physician.

Gornitsky, M.: \$12,453. A clinical and laboratory longitudinal evaluation of the oral health complications of patients with acquired immune deficiency syndrome. (AIDS).

Hiscott, J.: \$74,715. Molecular antiviral strategies in the development of AIDS therapies.

Klein, M.: \$75,325. Clinical trial of two perineal management strategies.

Segal, B.: \$21,609. Impact of electromagnetic interference on health care delivery.

Wainberg, M.: \$570,505. Neutralization antiviral immunity following infection by HIV-1.

Medical Research Council

Brem, S.: \$9,894. Copper depletion and angiogenesis: effects on brain tumor growth, cerebral edema, and blood brain barrier. \$55,259. In situ inhibition on endothelial cell proliferation and brain tumor development by extracellular modulators of angiogenesis, demonstrated by monoclonal antibody to bromodeoxyuridine.

Chertkow, H.: \$40,000. Semantic memory loss after brain damage: cognitive studies and diagnostic applications.

Chertkow, H., Bub, D.N., Evans, A.C., Meyer, E.G.: \$51,500. The functional neuroanatomy of cognitive processes studies by positron emission tomography.

Germánario, R.: \$73,542. Cell culture studies into the nature of the factor(s) controlling insulin stimulation of sugar transport.

Hiscott, J.: \$57,783. Regulation of human interferon gene expression.

Kalant, N.: \$28,050. Studies in diabetes and insulin responsiveness.

Langleben, D.: \$42,819. Fibrinolytic activity and human pulmonary artery endothelial cells: basal activity and effects of therapy used for pulmonary embolism.

Laughrea, M.: \$51,584. Ribosomal studies.

Parniak, M.: \$7,523. Protein-protein interactions and the regulation of phenylalanine hydroxylase. \$18,855. Studies on the regulation of hepatic phenylalanine hydroxylation.

Pinsky, L.: \$198,160. MRC Group Grant in medical genetics.

Ponka, P., Schulman, H.: \$55,682. Chelation, mobilization and metabolism of storage iron.

Schulman, H., Ponka, P.: \$56,622. Transferrin and intracellular iron metabolism.

Segal, B., Katsarkas, A.: \$22,704. Clinical assessment of functional vestibular capability.

Sherwin, B.: \$37,200. Effects of sex steroids on affect and memory in menopausal women.

Wainberg, M.: \$58,220. Studies on HIV-1 infected monocytes-macrophages, B cells and T cells.

Wang, E.: \$81,000. Programmed control of cell proliferation during aging.

National Cancer Institute of Canada

Shyamala, G.: \$74,794. The mechanism of estrogen action in mammary glands.

National Health Research and Development Program

Carlton, J., Battista, N.R.: \$174,399. Asymptomatic patients with carotid bruits: natural history and effectiveness of aspirin treatment.

National Institutes of Health (USA)

Margolese, R.: \$81,262. Primary breast cancer therapy group. \$19,840. NSABP - colorectal protocols.

Wang, E.: \$110,350. Growth control in aging fibroblasts.

Parkinson Foundation of Canada

Chertkow, H.: \$25,000. Cognitive sub-groups in the dementia of Parkinson's disease.

Schipper, H.: \$27,000. Effects of catechols and free radicals on cultured gomori-positive astrocytes.

Planning and Priorities Committee - Sir Mortimer B. Davis - Jewish General Hospital

Propst, A., Paris, J., Rosberger, Z.: \$21,273. Therapist experience and diagnostic assessment as predictors of outcome in short term therapy.

Schipper, H.: \$55,000. Histochemical analysis of cultured gomori-positive astrocytes.

Trifiro, M.: \$55,000. Molecular genetic analysis of androgen resistance syndrome.

Zelkowitz, P., Selazo, P., Papageorgiou, A.: \$48,272. Psychological, educational, and mechanical assessment of very low birth-weight children.

Quebec Heart Foundation

Brem, S.: \$14,000. Neovascularization and plaque development.

Langleben, D.: \$12,360. Pathogenesis of pulmonary hypertension.

Pharmaceutical Industries

Brem, S.: \$7,000. (Nova Pharmaceutical Corp). Research in brain tumors.

Dascal, A., Mendelson, J.: \$93,335. (Hoffman LaRoche Ltd) RO 15-8075 in the treatment of pharyngo tonsillitis caused by group A beta-hemolytic streptococci in adults.

Dragataki, L.: \$7,000. (Squibb Canada Inc.) Cardiology research.

Enker, P., Hadjipavlou, A., Dupuis, P.: \$50,000 (Immuno Pharmaceutical) Evaluation of human derived fibrin sealant TISSEEL on bone graft.

Gordon, P.H.: \$15,470. Imipenem Cilastatin.

Kreisman, H.: \$5,000. (Glaxo Canada Inc.) Pulmonary research. \$40,000. (Ciba-Geigy Canada Ltd).

McCans, J.: \$17,510. (E.R. Squibb & Sons). Survival and ventricular enlargement following myocardial infarction.

Mendelson, J.: \$6,500. (Hoffman-Laroche). Home care intravenous antibiotic study.

Panasci, L.: \$8,000. (Cyanamid Canada) Meloxantrone/Mitomycin C breast cancer studies.

Small, P.: \$8,000. (Ciba-Geigy Canada Ltd.) Multi-centre, double-blind between patient comparison of multiple doses of 12 ug formoterol metered dose aerosol in patients with bronchial asthma. \$50,400. (Fisons Pharmaceuticals) Intranasal fluticasone propionate once daily vs twice daily dosing in ragweed allergic rhinitis. A multi-centre, double-blind placebo-controlled, parallel group study.

Tulandi, T.: \$3,000. (Johnson & Johnson) The evaluation of TC7 plus adhesion barrier on bilateral pelvic side walls.

Sheila Zittler Fund

Duff, V.: \$6,100. Stability of expressed emotion ratings over time in families of schizophrenics.

AWARDS

Association of Universities and Colleges of Canada

Chan, R.: Studentship with Dr. H. Schulman

Canadian Heart Foundation

Langleben, D.: Scholarship.

Cancer Research Society

Cohen, L.: Fellowship with Dr. J. Hiscott
Li, X-G.: Fellowship with Dr. M. Wainberg
Mercure, L.: Fellowship with Dr. M. Wainberg.

Rooke, R.: Fellowship with Dr. M. Wainberg.
Skalski, V.: Fellowship with Dr. L. Panasci.
Tremblay, M.: Fellowship with Dr. M. Wainberg.

Xanthoudakis, S.: Fellowship with Dr. J. Hiscott.

Gertrude and Charles Clark Fellowship

Leblanc, J-F.: Fellowship with Dr. J. Hiscott.

Fonds de la Recherche en Santé du Québec

Brem, S.: Chercheur Boursier Clinicien
Parniak, M.: Chercheur Boursier
Boulerice, F.: Fellowship with Dr. M. Wainberg.

Fonds Pour la Formation de Chercheurs et L'Aide à la Recherche

Pratt, S.: Fellowship with Dr. R. Germinario.

Health and Welfare Canada

Gelezianus, R.: Fellowship with Dr. M. Wainberg.

Medical Research Council of Canada

Dubreuil, M.: Studentship with Dr. J. Hiscott.
Hiscott, J.: Scholarship (Chercheur Boursier)
Phillips, S.: Studentship with Dr. B. Sherwin.
Wang, E.: Scientist Award
Wilson, P.J.: Fellowship with Dr. E. Wang.

Bertha Mizne Memorial Fund for Research

Gately, S.: Fellowship with Dr. S. Brem.

National Sciences and Engineering Research Council of Canada

Pollock, R.: Studentship with Dr. B. Sherwin.

The Quebec Society of Medicine and Law

Appointed to the Board:

Deskin, A.
Crellin, G.
Slatkoff, W.R.

The Sandy Braverman Memorial Award

Levine, M.

Fichten, C.S., Goodrick, G., Amsel, R., Libman, E.: Award for faculty handbooks "College Students with Disabilities" by the Association on Handicapped Student Service Programs in Post Secondary Education.

PUBLICATIONS

Abrams, G.M., Schipper, H.: Other endocrinopathies and the nervous system. In: *Neurology and General Medicine*. (Aminoff, M., ed), Churchill Livingstone, New York, 1989.

Bond, M., Perry, J.C., Gautier, M., Goldenberg, M., Oppenheimer, J., Simand, J.: Validating the self-report of defense styles. *Journal of Personality Disorders*, Vol. 3, No. 2, 1989.

Brem, S., et al.: Anticopper treatment inhibits pseudopodial protrusion and the invasive spread of 9L gliosarcoma in the rat brain. *AANS*: 382, 1989.

Brenner, B.G., Dascal, A., Margolese, R.G., Wainberg, M.A.: Natural killer cell function in patients with acquired immunodeficiency syndrome and related diseases. *Journal of Leukocyte Biology*, 46: 75, 1989.

Brien, S., Zagzag, D., Brem, S.: Rapid cellular kinetics of intracerebral tumor angiogenesis using a monoclonal antibody to bromodeoxyuridine. *Canadian Journal of Neurological Sciences* 16: 257, 1989.

Bub, D., Chertkow, H.: Agraphia. In: *Handbook of Neuropsychology*. (Boller, F., ed), Elsevier, Chapter 14, Volume 1, 1989.

Caplan, D., Chertkow, H.: Neurolinguistics. In: *Neurology of Speech and Language*. (Kueh, D., ed), Little Brown and Co., Chapter 11, 1989.

Catelli, M.G., Ramachandran, C., Gauthier, Y., Legagneux, V., Quélard, C., Baulieu, E-E., Shyamala, G.: Developmental regulation of murine mammary gland 90 kDa heat shock proteins. *Biochemical Journal* 258: 895, 1989.

Chertkow, H., Bub, D., Seidenberg, M.: Priming and semantic memory in Alzheimer's disease. *Brain and Language* 36: 420, 1989.

Clarfield, A.M.: The case of the questionable reference. *Can Med Assoc J*, 140:844-845, 1989. What do you mean you forgot about it? *CMAJ*: 141:155, 1989. Book review of Lomax J.D. (ed), *Geriatric Ambulatory and Institutional Care*. *J. Amer Ger Soc*, 37: 284-285, 1989.

Comair, Y.G., Brem, S.: Phenotypic transformation by hypercholesterolemia of the arterial wall: a new model for the study of cellular angiogenic response in atherosclerosis using the rabbit cornea. *Canadian Journal of Neurological Sciences* 16: 256, 1989.

Creti, C., Libman, E.: Cognitions and sexual expression in the aging. *Journal of Sex and Marital Therapy*, 15(2), 83-101, 1989.

Dalrymple, S., Odze, R., Gordon, P.H., Mitmaker, B.: Enhanced carcinogenesis in the proximal small intestine of the rat following rumenectomy. *Clin Invest Med*, 12: 110-4, 1989.

Eibel, P.: Medical Case Histories of Lord Byron, Robert Schumann, Heinrich Heine. It is Good to Know, Festschrift in honor of the 90th birthday of Dr. Harold Nathan Segall. Published by The Osler Library of McGill University, 1989.

Fichten, C.S., Goodrick, G., Amsel, R., Libman, E.: Students and their professors: a guide for the college student with a disability. Montreal, Dawson College. 1989. Teaching students with disabilities: a guide for professors. Montreal, Dawson College, 1989. Each won an AHSSPPE Award.

Freedman, B.: The ethics of using human fetal tissue. IRB: Review of Human Subjects Research, Vol. 10, No. 6, Nov/Dec 1989. Lost opportunity review of PJ Houlihan, Life without end: the transplant story. CMAJ, 140: 679-680, March 1989. Ethics and competency in geriatrics: a tour. Medical Post of Canada Geriatric Update Supplement, Feb. 1989.

Freedman, B., and the McGill/Boston Research Group: Nonvalidated therapies and HIV disease. Hastings Centre Report, Vol. 19, No. 3, pp. 14-20, May/June 1989.

Garfinkle, A., Dany, I., Colohan, A., Nicolle, D., Brem, S.: Terson's syndrome: an uncommonly recognized cause of reversible blindness in subarachnoid hemorrhage. AANS: 282, 1989.

Germinario, R.J., Lakshmi, T.M., Thirion, J.P.: Kinetic characterization and regulation of hexose transport in a galactokinase negative Chinese hamster fibroblast cell line: a good model for studies on sugar transport in cultured mammalian cells. Journal of Cellular Physiology 138: 300, 1989.

Gordon, P.H.: Practical problems of colonic investigation in the patient with anal pain. Collected letters in Surgery 12: 3-4, 1989. Fissure in ano, anorectal abscess and fistula-in-ano. In: Current Surgical Therapy-3. Ed. J.L. Cameron, B.C. Decker Publ. Philadelphia, 174-7, 1989. Anatomy and physiology of the anorectum. In: Current Therapy in Colon and Rectal Surgery. Ed. V. W. Fazio, B. C. Decker Publ. Philadelphia, 1-9, 1989. Ivalon sponge wrap and thiersch wire operations for rectal prolapse. In: Mastery of Surgery. Ed. L. Nyhus, R. Baker. Little Brown and Co, Boston, 1989.

Hamilton, J.: Comfort and the hospitalized chronically ill. Journal of Gerontological Nursing, Vol. 15(4), 28-33, 1989. Perceptions of comfort by the chronically ill hospitalized elderly. In Key Aspects of Comfort: Management of Pain, Fatigue and Nausea. S. Funk et al (eds), New York: Springer Publications, 1989.

Hiscott, J., Alper, D., Cohen, L., Leblanc, J.F., Sportza, L., Wong, A., Xanthoudakis, S.: Induction of interferon gene expression is associated with a nuclear factor that interacts with the NF- κ B site of the human immunodeficiency virus enhancer. Journal of Virology 63: 2557, 1989.

Kirmayer, L.J.: Cultural variations in the response to psychiatric disorders and emotional distress. Social Science and Medicine, 29 (3), 327-339, 89.

Klein, M., Zander, L.: The role of the family practitioner in maternity care. In: Chalmers I, Enkin M. Keirse MJMC (eds) Effective Care in Pregnancy and Childbirth. Oxford University Press, Oxford. pp. 181-191.

Langleben, D., Szarek, J.L., Coflesky, J.T., Jones, R.C., Reid, L.M., Evans, J.N.: Altered artery mechanics and structure in monocrotaline pulmonary hypertension. Journal of Applied Physiology 65: 2326, 1989.

Langleben, D., Fox, R.B., Jones, R.C., Reid, L.M.: Effects of dimethylthiourea on chronic hypoxia induced pulmonary arterial remodeling and ventricular hypertrophy in rats. Clinical and Investigative Medicine 12: 235, 1989.

Langleben, D., Wolkove, N., Srolovitz, H., Billick, R.C., Sheiner, N.M.: Hemothorax and hemopericardium in a patient with Bean's Blue Rubber Bleb Nevus syndrome. Chest 95: 1352, 1989.

Libman, E.: Sociocultural and cognitive factors in aging and sexual expression: conceptual and research issues. Canadian Psychology, special issue on gerontology, 30(3), 560-567, 1989.

Libman, E., Fichten, C.S. (with the collaboration of the Sexual Dysfunction Service) 1) Some facts and figures about the prostate, its problems and transurethral prostatectomy. 1989. 2) A behavioral guide to good sex after transurethral prostatectomy. 1989. Published in French and English.

Mugleton-Harris, A.L., Wang, E.: Statin expression associated with terminally differentiating and postreplicative lens epithelial cells. Experimental Cell Research 182: 152, 1989.

Numazaki, K., Bai, X-Q., Goldman, H., Wong, I., Spira, B., Wainberg, M.A.: Infection of cultured human thymic epithelial cells by human immunodeficiency virus. Clinical Immunology and Immunopathology 51:185, 1989.

Numazaki, K., DeStephano, L., Wong, I., Goldman, H., Spira, B., Wainberg, M.A.: Replication of cytomegalovirus in human thymic epithelial cells. Medical Microbiology and Immunology 178: 89, 1989.

Numazaki, K., Goldman, H., Wong, I., Wainberg, M.A.: Infection of cultured human fetal pancreatic islet cells by rubella virus. American Journal of Clinical Pathology 91: 446, 1989. Maturation of human fetal and infantile thymic cells in tissue culture. In Vivo 3: 101, 1989. Replication of measles virus in cultured human thymic epithelial cells. Journal of Medical Virology 27: 52, 1989.

Numazaki, K., Wainberg, M.A., McDonald, J.: Chlamydia trachomatis infection of infants. Canadian Medical Association Journal 140: 615, 1989.

Parniak, M.A., Pilkington, J.: Glucocorticoid stimulation of tetrahydrobiopterin levels and phenylalanine hydroxylase activity in rat hepatoma cells. Biochemistry and Cell Biology 68: 293, 1989. Studies on the phenylalanine hydroxylating system in rat liver cells in culture. In: Pteridines and Biogenic Amines in Neuropsychiatry, Pediatrics and Immunology. (Levine, R.A., et al, eds), Lakeshore Publishing, Detroit, pp 197-209, 1989.

Phillips, A., Wainberg, M.A., Coates, R., Klein, M., Rachlis, A., Read, S., Shepard, F., Villend, H., Walmsley, S., Halloran, P., Fanning, M.: Cyclosporine A-induced deterioration in patients with AIDS. Canadian Medical Association Journal 140: 1456, 1989.

Pollak, M.: Unexpected improvement in response when cytotoxic chemotherapy is given with GM-CSF (letter). New England Journal of Medicine 320: 253-4, 1989.

Ponka, P., Schulman, H.M., Edward, J.: Pyridoxal isonicotinoyl hydrazone (PIH) and its analogues: a new group of effective chelators. In: Trace Elements in Man and Animals.

(Hurley, L.S., et al, eds), Plenum Publ. Corp., pp 61-65, 1989.

Ponka, P., Schulman, H.M., Cox, T.M.: Iron metabolism in relation to heme synthesis. In: Biosynthesis of Heme and Chlorophyll. (Dailey, H.A., et al, eds), McMillan Publ. Co., pp 393-433, 1989.

Robbins, J., Kirmayer, L., Tepper, S.: Physical and psychological attributions of common somatic symptoms: development of the Symptom Interpretation Questionnaire. McGill Working Papers in Social Behavior, 89-6, 1989.

Rooke, R., Tremblay, M., Soudeyns, H., DeStephano, L., Yao, X.-J., Fanning, M., Montaner, J.S.G., O'Shaughnessy, M., Gelmon, K., Tsoukas, C., Gill, J., Ruedy, J., Wainberg, M.A.: The Canadian zidovudine multi-centre group: isolation of drug resistant variants of HIV-1 from patients on long term zidovudine (AZT) therapy. AIDS 3: 411, 1989.

Ruffie, P., Feld, R., Minkin, S., Cormier, Y., Boutan-Laroze, A., Ginsberg, R., Ayoub, J., Shepherd, F.A., Evans, W.K., Figueredo, A., Pater, J.L., Pringle, J.F., Kreisman, H.: Diffuse malignant mesothelioma of the pleura in Ontario and Quebec. A retrospective study of 332 patients. Journal of Clinical Oncology 7, 1157-68, 1989.

Schibuk, M.D.: Treating the sibling subsystem: an adjunct of divorce therapy. American Journal of Orthopsychiatry, 59 (2), 226-237, 1989.

Schibuk, M., Bond, M., Bouffard, R.: The development of defenses in childhood. Canadian Journal of Psychiatry, 34(6), 581-589, 1989.

Schulman, H.M., Ponka, P., Wilczynska, A., Gauthier, Y., Shyamala, G.: Transferrin receptor and ferritin levels during murine mammary gland development. Biochemica et Biophysica Acta 1010: 1, 1989.

Sester, U., Moutsatsos, I.K., Wang, E.: A rat liver 57 kD protein is identified to share antigenic determinants with statin, a marker for non-proliferating cells. Experimental Cell Research 182: 550, 1989.

Sherwin, B.B., Gelfand, M.M.: A prospective one year study of estrogen and progestin in postmenopausal women: effects on clinical symptoms and lipoprotein lipids. Obstetrics and Gynecology, 73, 759-766, 1989.

Shyamala, G., Gauthier, Y., Moore, S.K., Catelli, M.G., Ullrich, S.J.: Estrogenic regulation of murine uterine 90 kilodalton heat shock protein gene expression. Molecular and Cellular Biology 9: 3567, 1989.

Skalski, V., Panasci, L., Feindel, W.: The cytotoxicity and transport of a 2-chloroethylnitrosourea congener of sarcosinamide with the SK-MG-1 glioma cell line. Journal of Neuro-Oncology 7: 189, 1989.

Small, P.: Azathioprine hepatotoxicity. Annals of Allergy, Vol. 62 no. 6, pp 518-520, 1989. Changing concepts of immunotherapy. Allergy, Vol. 2, no. 1, pp 16-21, 1989. Non seasonal allergies. Consultations in Allergy, vol. 1, no. 3, pp 3-10, 1989. Pathogenesis and treatment of nasal polyps. Chapter, Surgery of the Paranasal Sinuses, 2nd edition, 1989.

Immunosuppressive therapy in asthma. *Annals of Allergy*, vol. 62, no. 6, pp 481-482, 1989. The effects of allergen induced nasal provocation in patients with perennial rhinitis. *American Journal of Rhinology*, vol. 3, no. 1, pp 17-20, Winter, 1989.

Suissa, S., Pollak, M., Spitzer, W., Margolese, R.: Body size and breast cancer prognosis: a statistical explanation of the discrepancies. *Cancer Research* 49: 3113, 1989.

Tremblay, M., Wainberg, M.A.: Susceptibility to AZT of HIV-1 variants grown in EBV-transformed B cell lines. *Journal of Infectious Diseases* 160: 31, 1989.

Tulandi, T., Cherry, N.: Clinical trials in reproductive surgery: randomization and life table analysis. *Fertil Steril* 52:12, 1989.

Wainberg, M.A., Kendall, O.: Potential therapeutic strategies against AIDS. In: *AIDS: A handbook for professionals*. (Snowden, D., Cassidy, D., eds), Carswell, Toronto, pp 8-18, 1989.

Warner, H.R., Wang, E.: Control of cell proliferation in senescent cells - A synopsis. Workshop report. *Journal of Gerontology* 44: B23, 1989.

Wiener, D., Tulandi, T.: Spontaneous intrauterine pregnancy after three consecutive tubal ectopic pregnancies. *Infertility* 12:31-34, 1989.

Zagzag, D., Goldenberg, M., Brem, S.: Angiogenesis and blood brain barrier breakdown modulate CT contrast enhancement: an experimental study in a rabbit brain tumor model. *American Journal of Neuroradiology*, pp. 529-534, May/June 1989. *American Journal of Roentgenology*, Vol. 153, pp. 141-146, 1989. *American Journal of Radiology* 10: 529, 1989.

PRESENTATIONS

Amsel, R., Fichten, C.S., Goodrick, G., Libman, E., Tagalakakis, V.: Teaching college students with disabilities: tips for professors. 4th Canadian Congress of Rehabilitation, Toronto, June 1989.

Bai, X.-Q., Numazaki, K., Lyras, A., Wainberg, M.A., Mills, E.L.: Impairment of human neutrophil (PMN) function in vitro by HIV-1 and gp160. V International Conference on AIDS, Montreal, June 1989.

Bailes, S., Fichten, C.S., Libman, E., Creti, L., Amsel, R., Liederman, G., Brender, W.: The SSES-F: a multidimensional measure of sexual self-efficacy in women. American Psychological Association Annual Convention, New Orleans, Aug. 1989.

Bergman, H., Clarfield, A.M.: The coordination and organization of medical home care services for the elderly. 112th WONCA Conference in Family Medicine, Jerusalem, May/June 1989.

Boulerice, F., Geleziunas, R., Lvovich, A., Wainberg, M.A.: Characterization of monocytoid cell clones defective for HIV-1 replication. Conference on Human Retroviruses, Tamaron, Colorado, Feb. 1989.

Boulerice, F., Bour, S., Geleziunas, R., Wainberg, M.A.: Clonal heterogeneity of HIV-1 isolates in U-937 cell. V International Conference on AIDS, Montreal, June 1989.

Bour, S., Boulerice, F., Lvovich, A., Wainberg, M.A.: Molecular characterization of two non-infectious HIV-1 isolates. V International Conference on AIDS, Montreal, June 1989.

Brem, S.: Biology of tumor angiogenesis. JGH, April, 1989. Capillaries, copper and control of cell cycle in cerebral cancer. Montreal Neurological Institute, June 1989.

Chad, D.A., Aronin, N., Lundstrom, R., McKuen, P., Molitch, M., Schipper, H., Ross, D.: Treatment of painful diabetic neuropathy with topical capsaicin: a double blind multicentre investigation. American Diabetes Association, June 1989.

Chertkow, H.: Dementia and movement disorders. *Geriatric Rounds*, JGH, Feb. 1989. Language and memory in dementia. Conference on Rehab, Montreal, March 1989. Facilitatory and inhibitory priming in Alzheimer's Dementia. Canadian Psychological Association, Halifax, June 1989. Automatic semantic priming in dementia. Canadian Congress of Neurological Sciences, Ottawa, June 1989. Increased priming in sub-group of Alzheimer's patients. International Neuropsychological Society, Antwerp, Belgium, July 1989.

Clarfield, A.M.: Reversible dementia - does it reverse? A metaanalysis and critical review of 33 studies. American Geriatrics Society Annual Meeting, Boston, 1989. Understanding Dementia and Alzheimer's Disease. N.E. New York Alzheimer's disease Assistance Centre and the State University of New York, Plattsburgh, 1989. Royal College of Physicians and Surgeons of Canada, Edmonton, Sept. 1989. Invited speaker. When should the geriatrician visit? (the patient at home) Canadian Academic Geriatric Meeting, Montreal, 1989. Symposium chairman: The appropriate workup of dementia. American Geriatrics Society Annual Meeting, Boston, 1989. Symposium chairman: Organizing coordinated community resources for the elderly. Canadian Geriatric Academic Group, Montreal, 1989. Invited speaker. How to achieve better prepared primary care physicians for care of the elderly throughout the medical education continuum. XIth Panamerican Conference on Medical Education, Montreal 1989.

Clarfield, A.M., (Symposium chairman), Lazare, N., White, D., Bergman, H.: What makes the older patient different? An analysis of home visits to the elderly in a Canadian urban teaching family practice. 112th WONCA Conference in Family Medicine, Jerusalem, 1989.

Colacone, A., Wolkove, N., Stern, E., Afilalo, M., Rosenthal, T., Kreisman, H.: Safety and efficacy of continuous nebulization of salbutamol in initial emergency treatment of asthma. Annual Meeting of the American Thoracic Society, Cincinnati, OH, May 1989.

Crelinsten, G.: Informed refusal of treatment or patient incompetence? Canadian Society of Internal Medicine, Edmonton, Sept. 1989. Philosophy at the bedside. Post graduate board, Royal Victoria Hospital, April 1989.

Falovitch-Madar, G., Silverman, A.H.: Cases presented at Current Concepts in Laryngeal Carcinoma, St. Mary's Hospital, June 1989.

Fichten, C.S.: Invited presentations. Sexuality and relationships: Young adults with visual impairments. Social perception skills in young adults with and without visual impairments. Young Adults Group, Montreal Association for the Blind, April, 1989.

Fichten, C.S., Libman, E., Amsel, R., Creti, L., Weinstein, N., Rothenberg, P., Liederman, G., Brender, W.: Evaluation of the impact of surgery: retrospective versus prospective methodologies. American Psychological Association Annual Convention, New Orleans, Aug. 1989. Retrospective and prospective methodologies in the evaluation of sexual consequences of transurethral prostatectomy in aging males. McGill Centre for Studies in Aging Research Day, May 1989.

Frank, D.: Informed consent for psychotic patients: a study of attitudes and practices. Canadian Psychiatric Association, St. John's, Nfld., Sept. 1989.

Frank, H.: Maladies de l'appareil respiratoire. Association des infirmières et en santé du travail du Québec inc. Montreal, April 1989. The patient as research subject. Lecture to McGill Medical Students, Medical Ethics and Jurisprudence. Montreal, April 1989. Chairman, Workshop on Ethics Review. National Council on Bioethics in Human Research, Ottawa, April 1989. Panel discussion. Critical issues and realities affecting partnership at the JGH. May 1989.

Freedman, B.: Consent, Professional Standards, and Jewish Ritual Circumcision. Colloquium on Ritual Circumcision and Contemporary Issues (including ethics and law). Board of Jewish Ministers of Greater Montreal, March 1989. Ethics and Human Experimentation: What legacy from the Holocaust? Montreal Children's Hospital, March 1989. Medical, ethical and legal issues with respect to HIV infected health care workers, discussant, Ethical and broader social issues (with Prof. Ron Bayer Columbia Univ.) 4th McGill-Boston cooperative Research Meeting, Montreal, April 1989. Ethics of enrolling children in foster care into clinical treatment trials. Conference on Ethics and HIV+ Children in Foster Care. Hastings Centre, N.Y. April 1989. The use of the results of the Nazi experiments: with special reference to symbolism. International Symposium, The Meaning of the Holocaust for Bioethics, Centre for Biomedical Ethics, University of Minnesota, Minneapolis, May 1989.

Geleziunas, R., Boulerice, F., Wainberg, M.A.: The effect of HIV-1 on CD4 antigen expression in the U-937 monocytic cell line. Conference on Human Retroviruses, Tamaron, Colorado, Feb. 1989.

Geleziunas, R., Boulerice, F., Bour, S., Wainberg, M.A.: The effect of HIV infection on monocyte differentiation. V International Conference on AIDS, Montreal, June 1989.

Germinario, R.J.: Changes in hexose transport induced by various inhibitors of protein synthesis. Tissue Culture Association Annual Meeting, Orlando, Florida, June 1989.

Goodrick, G., Fichten, C.S., Amsel, R., Libman, E., Tagalakakis, V.: Relating effectively

with professors: Tips for college students with disabilities. 4th Canadian Congress of Rehabilitation, Toronto, June 1989.

Gordon, P.H.: Visiting Professor: 1) Screening for colorectal carcinoma. 2) Sexually transmitted diseases of the anorectum. 3) Anal incontinence. 4) The use of staplers in colon and rectal surgery. 5) Rectal proctitis. Malaga/Marbella, Spain, Feb. 1989. Invited participant: 1) Use of staplers in rectal anastomoses. 2) Management of acute hemorrhoidal disease. 3) Early detection of colorectal carcinoma. 4) Moderator on panel on bowel management problems. 6th Annual Course in Colon and Rectal Surgery, Sansum Medical Research Foundation and Medical Education Foundation, Santa Barbara, March 1989. Invited participant: Flexible fiberoptic sigmoidoscopy and colonoscopy for surgeons: workshop and update. American College of Surgeons Spring Meeting, Boston, April 1989. Visiting professor: 1) Anal canal cancer. 2) Management of acute hemorrhoidal problems. 3) Fissure-in-ano. 4) Low and high rectovaginal fistula. 5) Ambulatory ano-rectal surgery. Current Trends in Colon and Rectal Surgery, Naples, Italy, April 1989. Invited participant: 1) Anal fissure. 2) Surgical management of rectal prolapse (abdominal procedures). 3) Anal cancer (classification and therapy). Cook County Graduate School - Advances in Colon and Rectal Surgery. Invited participant: Complex anal fistulas. Moderator of Symposium on Rectal Prolapse, Update on Diseases of the Colon and Rectum, McGill University, Université de Montréal, May 1989. Invited participant: Perianal and anal canal neoplasms. American Society of Colon and Rectal Surgeons Meeting, Toronto, June 1989.

Gordon, A., Dajczman, E., Kreisman, H., Wolkove, N.: Chronic post thoracotomy pain. Annual Meeting of the American Thoracic Society, Cincinnati, May 1989.

Green, M.R., Kreisman, H., Luikart, A., Lyss, A., Bitran, J.D., Goutou, M., Probert, K.J.: Carboplatin in non small cell lung cancer. The cancer and leukemia group B experience. Carboplatin Workshop, San Francisco, May 1989.

Gryllis, C., Brenner, B.G., Margolese, R.G., Gornitsky, M., Wainberg, M.A.: Lymphokine-activated killer cell activity in patients with AIDS. V International Conference on AIDS, Montreal, June 1989.

Guzder, J., Vogel, J.: Gender identity issues in a 7 year old boy. Grand Rounds, Child Section, Douglas Hospital, Oct. 1989.

Hadjipavlou, A., Lander, P.: Paget's disease of the spine. North America Spine Society Fourth Annual Meeting, Quebec City, June/July 1989.

Hernandez, Y.: Hearing loss in the elderly. McGill University Physiotherapy Gerontology Course, October 1989.

Hiscott, J.: Induction of interferon gene expression is associated with a nuclear factor that interacts with the NF-kB site of the HIV-1 enhancer. Eastern Canadian Conference on Development and Cancer, Quebec, May-June 1989. Cytokines and HIV gene expression. Centre for Host Resistance, Montreal General Hospital, June 1989.

Hughes, N., Hamilton, E.F., Tulandi, T.: Obstetrical performances of women after three repeated pregnancy losses. Annual Meeting of the Society of Obstetricians and Gynecologists of Canada, Quebec City, June 1989.

Hyams, B.B.: Urologic radiology - urinary tract problems in family medicine. Dept. of Family Medicine, Jewish General Hospital, April 1989.

Johnson, L., Hemmings, R., Tulandi, T.: Comparison of intrauterine insemination, intra cervical insemination and timed intercourse in women who were treated with human menopausal gonadotropin. Annual Meeting of the Association of Obstetricians and Gynecologists of Quebec, May 1989.

Kelley, P., Brender, W., Maag, T., Gagnon, R.: Sexual and social adjustment of young women sexually abused in childhood. Poster presented at the Canadian Psychology Association Meeting, Halifax, June 1989.

Kirmayer, L.: Cultural variations in the diagnosis and handling of behavior and experience. Invited background paper: XIth International Conference on the Social Sciences and Medicine, Leeuwenhorst, Netherlands, July, 1989. Invited discussant: The cultural construction of meaning. Symposium organized by E. Corin, Canadian Association for Medical Anthropology Meeting, Ottawa, May 1989. Discussant of Dr. R. Michels presentation: The re-medicalization of psychiatry: General implications for training. Annual Postgraduate Education Day, Department of Psychiatry, McGill University, June 1989.

Klein, M.: Visiting Professor: The birthing environment. Contracting for trust in family practice obstetrics - failure. Episiotomy in the 2nd stage of labor. Department of Family Medicine, University of Wisconsin, Aug. 1989. Chairman, Workshop: Do we deal adequately with women's health problems? Contracting for trust in family practice obstetrics. Failures in contracting. Low back pain: the doctor as television evangelist. 112th WONCA Conference in Family Medicine, Jerusalem, May/June 1989.

Kreisman, H.: Maladies pulmonaires professionnelles. Conférencier au Reunion Annuel de l'Association des Infirmiers/Infirmières en Santé au travail du Québec, Montréal, April, 1989. Lung cancer clinical trials. CALGB Data Management Committee Beginners Workshop, St. Louis, Mo. April 1989.

Kwitko, M.: Use of mersiline in cataract surgery and Pathogenesis of pseudophakic glaucoma. American Society of Contemporary Ophthalmology, Florida, March 1989. Present technique for cataract surgery. Catherine Booth Hospital, Montreal, April 1989. Environmental adaptations required in the community to accommodate the visually handicapped individual. Present techniques for cataract surgery. McGill University, Evening lecture series, Montreal, April 1989.

Lafontaine, M.: Traumatic and post traumatic conditions of the wrist. Interhospital Conference, May 1989.

Lander, P., Hadjipavlou, A.: Radio frequency electrocoagulation of the lumbar dorsal ramus in the treatment of facet syndrome: preliminary results. Annual Meeting of the Quebec

Scoliosis Society, Mont Gabriel, Que. April 1989. Percutaneous electro coagulation of the medial branch of the dorsal lumbar rami: a perspective study. North American Spine Society, Fourth Annual Meeting, Quebec City, June 1989.

Lasry, J.C.: Sephardi-Ashkenazi relations in Montreal. Canadian Jewish Congress - Jewish Introduction Service, March 1989. Le centre communautaire juif et son avenir. Allied Jewish Community Services - Mifgashim group. April 1989.

Lasry, J.C., Carrese, L.: Traditionnalisme et dépendance perceptuelle chez des adolescents d'origine italienne et britannique à Montréal. Third International Congress of L'Association pour la Recherche Interculturelle, Sherbrooke, Aug. 1989.

Lasry, J.C., Safar, N.: Satisfaction maritale et structure de couple dans des couples endogames québécois et exogames québécois-arabes. Third International Congress of L'Association pour la Recherche Interculturelle, Sherbrooke, Aug. 1989.

Laughrea, M.: Δ Lys120, a mutation which destabilizes the ribosome-binding domain of ribosomal protein L7/L12. ASM Conference on Ribosomes, East Glacier Park, Montana, Aug. 1989. Aventures ribosomiques: Role de S1 et IF3 au Cours de l'Initiation et Expérience de Mutagenèse Dirigée chez la Protéine L7/L12. Département de Biochimie, Université Laval, Québec, March 1989.

Langleben, D., Perlin, A.S., deHeuvel, E.: Effects of sulfated glycosaminoglycans on proliferation of rat pericytes in vitro. Federation of American Society of Experimental Biology, New Orleans, Louisiana, April 1988.

Levine, M.: Strategies for caring for the frail elderly person with diabetes. 16th Annual Conference, Diabetes Education Section, Canadian Diabetes Association, Sept. 1989. The Sandy Braverman Memorial Lecture: Policies on aging and integrated services for the elderly. Study Trip, Sweden, JGH Sept 1989. Health care resources for the elderly in the community. Seminar, McGill University School of Nursing Masters Students, Oct. 1989.

Levitt, C.: Canadian national guidelines for neonatal resuscitation. 112th WONCA Conference in Family Medicine, Jerusalem, May/June 1989.

Levy, R.D., Lisbona, R., Hakin, T.S., Dean, G.W., Guerraty, A., Langleben, D.: Regional pulmonary perfusion following human heart lung transplantation. American Thoracic Society, Cincinnati, Ohio, May 1989.

Libman, E., Fichten, C.S., Creti, L., Rothenberg, P., Weinstein, N., Liederman, G., Amiel, R., Brender, W.: Surgery related psychosexual problems: Can they be prevented? American Psychological Association Annual Convention, New Orleans, Aug. 1989. Effectiveness of a brief therapy intervention for surgery related psychosexual problems in aging males. McGill Centre for Studies in Aging Research Day, May 1989.

Liederman, G., Libman, E., Fichten, C.S., Rothenberg, P., Weinstein, N.: A measure of

affectional interaction in couples. American Psychological Association Annual Convention, New Orleans, Aug. 1988.

Macaulay, A.C., Montour, L., Adelson, N.: Diabetic and atherosclerotic complication rates among Mohawk Indians of Kahnawake. 112th WONCA Conference on Family Medicine, Jerusalem, May/June 1989.

Malus, M.: Adolescent health care: bringing the mountain to Mohammed. 112th WONCA Conference in Family Medicine, Jerusalem, May/June 1989.

Matyas, Y.: Issues on long term care. Workshop, John Abbot College, June 1989.

Maurer, L.H., Aisner, J., Kwiatkowski, D., Perry, M., Probert, K., Eaton, W., Kreisman, H., Green, M.: Adult respiratory distress syndrome in limited disease small cell lung cancer. International Association for study of Lung Cancer. Third Workshop on SCLC. Elsinore, Denmark, June 1989.

Mercure, L., Phaneuf, D., Morisset, R., Wainberg, M.A.: Somatostatin analog inhibits HIV-1 replication in a human monocytic cell line. V International Conference on AIDS, Montreal, June 1989.

Montour, L.T.: Diabetes mellitus and atherosclerosis: returning research results to the Mohawk Community. 112th WONCA Conference in Family Medicine, Jerusalem, May/June 1989.

Numazaki, K., Goldman, H., Bai, X.-Q., Wong, I., Wainberg, M.A.: Infection of human fetal brain macrophages and mixed neural cells in tissue culture by HIV-1. V International Conference on AIDS, Montreal, June 1989.

Panasci, L.: Resistance to the nitrogen mustards in chronic lymphocytic leukemia correlates with enhanced removal of DNA crosslinks. American Society for Clinical Oncology, San Francisco, May 1989.

Parniak, M.: 1) Alteration in cell biotin and in Queuine-containing tRNA levels during erythroid differentiation of friend murine erythroleukemia cells. 2) Subunit interactions in the regulation of activity of rat liver phenylalanine hydroxylase. 3) Guanidine-hydrochloride-induced alterations in phenylalanine hydroxylase: Implications for the mechanism of substrate-level activation of the enzyme. 4) Simultaneous purification of phenylalanine hydroxylase, phenylalanine hydroxylase stimulator protein and dihydropteridine reductase from rat liver. 9th International Symposium on Pteridines and Folic Acid Derivatives, Zurich, Sept. 1989.

Pinsky, L.: The scope of receptor-defective androgen resistance in man. The Duncan Guthrie Institute of Medical Genetics, Yorkhill Hospital, University of Glasgow, Scotland, April 1989. Biochemical-molecular correlation of receptor-defective androgen resistance in man. Tenovus Institute for Cancer Research, Welsh National School of Medicine, Cardiff, Wales, April 1989. Androgen resistance in man: a window on androgen action. 8th Joint Meeting of the British Endocrine Societies, Manchester, England, April 1989. Genetics, health care and caring society. Workshop.

Science Council of Canada, Ottawa, June 1989.

Pinsky, L., Gottlieb, B., Kaufman, M.: The fate of testosterone-receptor complexes is coupled to steroid 5-alpha-reductase in human genital skin fibroblasts (GSE). The Endocrine Society, Seattle, Washington, June 1989.

Pollak, M.: Effect of SMS 201-995 on IGF-I levels in cancer patients. International Symposium of Somatostatin, Montreal, Aug. 1989. IGF-1 receptors of osteogenic sarcoma cells. American Society for Clinical Oncology Annual Meeting, San Francisco, May 1989. Consequences of abnormally high levels of mitogen receptors on the proliferation of neoplastic cells. International Symposium on Human Kinetics, Vancouver, Feb. 1989.

Ponka, P.: Role of iron-transferrin in heme synthesis in erythroid cells. Department of Biochemistry, McGill University, April 1989.

Robbins, J., Kirmayer, L.: Organized and chaired symposium: Current concepts in somatization. Annual Meeting of the American Psychiatric Association, San Francisco, May 1989.

Robbins, J., Kirmayer, L., Tepper, S.: Physical and psychological attributions of common somatic symptoms: Development of the symptom interpretation questionnaire. American Sociological Association, San Francisco, Aug. 1989. Latent variable models of functional somatic distress. Sociocultural factors in somatization. American Psychiatric Association Meeting, San Francisco, May 1989.

Rooke, R., Wainberg, M.A.: Effect of 3'Azido-2'3' dideoxythymidine (3'AZT) on HIV-1 replication and on cellular gene expression in infected cells. Conference on Human Retroviruses, Tamaron, Colorado, Feb. 1989.

Rooke, R., Tremblay, M., Wainberg, M.A.: Characterization of HIV-1 clinical isolates resistant to zidovudine (AZT). V International Conference on AIDS, Montreal, June 1989.

Rothenberg, P., Libman, E., Andres, D.: Well-being in aging males: what are the predictors? McGill Centre for Studies in Aging Research Day, May, 1989. Determinants of subjective well being in aging males. American Psychological Association Convention, New Orleans, Aug. 1989.

Schipper, H.: Sex steroids and the periventricular glial system. Seminars in anatomy, Department of Anatomy, McGill University, March 1989.

Sherwin, B.B.: Invited address. Androgens in the perimenopause: effects on psychological functioning and on lipid metabolism. Annual Meeting of the American College of Obstetricians and Gynecologists, Atlanta, May 1989. Endocrine factors in menopausal symptomatology. Invited symposium organizer on Medicalization of the the Menopause. 9th International Congress of Psychosomatic Obstetrics and Gynecology. Amsterdam, May 1989. Psychoendocrine effects of synthetic progestins in women: a double-blind study. Annual Meeting of the Conference on Reproductive behavior. Skidmore College, N.Y., June 1989. Invited speaker: Effects of estrogen and androgen regimens on behavior and on

lipoprotein lipids in menopausal women. Annual Bernard F. Rice Endocrinology and Metabolism Conference, Shawnee Mission Medical Centre, Kansas City, Aug. 1989. Chairman of a symposium on the influence of prenatal maternal stress on fetal hormone levels and subsequent behavior of affected offspring. Annual Meeting of the International Academy of Sex Research, Princeton University, Princeton, June 1989.

Shyamala, G.: Estrogenic regulation of murine uterine 90 kDa heat shock protein gene expression. The Endocrine Society Meeting, Seattle, Washington, June 1989. Regulation of mammary responsiveness to estrogen. Children's Hospital Oakland Research Institutes, Oakland, Cal, July 1989. Developmental regulation of murine mammary gene expression. Department of Cell and Molecular Biology, Lawrence Berkeley Laboratory, University of California, Berkeley, July 1989.

Silverman, A.H.: Amer-Ind Gestural Code: a means to oral communication. Annual Meeting, Canadian Association of Speech Language Pathologists and Audiologists, Toronto, May 1989.

Skalski, V.: Investigation of the treatment of sarcosinamide as an indicator of SarCNU uptake in human glioma. American Association for Cancer Research, San Francisco, May 1989.

Small, P.: Relationship between allergen induced nasal provocation and skin testing on both seasonal and perennial rhinitis. American Academy of Allergy and Immunology, San Antonio, Texas, March 1989. Urticaria - a review. Continuing Medical Education, Postgraduate lecture series. McGill University, March 1989. Nasal provocation. Bram Rose Clinical Day - Association of Allergists and Immunologists of Quebec, St. Hilaire, May 1989.

Soudeyins, H., Schneider, W., Gelezianas, R., Shyamala, G., Wainberg, M.A.: Effect of hydrocortisone on the replication of HIV-1 in different cell types. V International Conference on AIDS, Montreal, June 1989.

Steinert, Y. (Chairman), Golden, M., Fish, J.: Workshops. 1) Working with difficult patients: strategies for improving clinical care. 2) Teaching about the family in primary care. 112th WONCA Conference on Family Medicine, Jerusalem, May 1989.

Tremblay, M., Rooke, R., Gelezianas, R., Sullivan, A., Wainberg, M.A.: Mechanism of lysis and resistance in a new human T cell line following infection with human immunodeficiency virus type 1. Conference on Human Retroviruses, Tamaron, Colorado, Feb. 1989.

Tremblay, M., Wainberg, M.A.: Differential susceptibility to AZT of HIV-1 variants grown in EBV-transformed B cell lines. V International Conference on AIDS, Montreal, June 1989.

Tulandi, T.: Invited speaker. Clinical and Scientific implications of second look laparoscopy. First International Symposium for the Treatment of Post Surgical Adhesions. Phoenix, Arizona, Sept. 1989. Invited speaker: Management of pelvic pain due to endometriosis. Workshop of the Annual Meeting of the

Society of Obstetricians and Gynecologists of Canada. Quebec City, June 1989.

Vasilevsky, C.A.: Early detection of colon and rectal cancer. Cancer Symposium, Champlain Valley Physicians Hospital Medical Care, Plattsburgh, N.Y., April 1989. Invited participant. Lasers in palliation of obstructing colon and rectal carcinoma. Update in Colon and Rectal Carcinoma, Montreal, May 1989. Invited participant: Lasers in palliation of obstructing colon and rectal carcinoma. Montreal May 1989.

Vieco, P.: Bone metastases in medulloblastoma. Interhospital Conference, May 1989.

Wainberg, M.A.: Post-integrational mechanisms of action of AZT in inhibition of HIV-1 replication. Department of Virology, Hebrew University-Hadassah Medical School, Jerusalem, Feb. 1989. Prospects for anti-viral therapy against AIDS and related diseases. Department of Medical Microbiology, Faculty of Medicine, University of Nairobi, Kenya, Feb. 1989. Studies on HIV-1 induced pathogenesis. McGill Centre for Host Resistance, Immunology Get-Together, May 1989. Recent advances in the understanding of AIDS and associated HIV-1 induced diseases. 1st International symposium on Oral AIDS, Montreal June 1989. Viral culture as an adjunct to clinical trials; Isolation of AZT-resistant variants of HIV-1. Chairman of Symposium: Role of macrophages and lymphocytes as reservoirs of HIV-1. V International Conference on AIDS, Montreal, June 1989. Mechanism of action of AZT in inhibition of HIV replication: significance of drug-resistant viruses. Grand Medical Rounds, St. Paul's Hospital, Vancouver, July 1989. Isolation of zidovudine-resistant HIV-1 and post-integrational effects of zidovudine in inhibition of HIV-1 replication. Laboratory of Tumor Cell Biology, NCI, NIH, Annual Meeting, Bethesda, Maryland, Aug. 1989.

Wainberg, M.A., Fanning, M., Gill, J., Gelmon, Montaner, J.S.G., O'Shaughnessy, M., Tsoukas, C., Ruedy, J.: Cessation of zidovudine leads to increased viral burden. Conference on Human Retroviruses, Tamaron, Colorado, Feb. 1989.

Wainberg, M.A., Thomas, R.: Inactivation of HIV-1 in vaginal and seminal secretions by the spermicide benzalkonium chloride. V International Conference on AIDS, Montreal, June 1989.

Wainberg, M.A., Fanning, M., Gill, J., Gelmon, K., Montaner, J.S.G., O'Shaughnessy, M., Tsoukas, C.: Canadian multicentre study: cessation of zidovudine (AZT) therapy leads to increased frequency of viral isolation. V International Conference on AIDS, Montreal June 1989.

Wainberg, M.A., Rooke, R., Tremblay, M., Soudey, H., Fanning, M., Montaner, J.S.G., O'Shaughnessy, M., Gelmon, K., Falutz, J., Tsoukas, C., Gill, J., Ruedy, J.: Viral culture as an adjunct to clinical trials: isolation of AZT-resistant variants of HIV-1. V International Conference on AIDS, Montreal, June 1989.

Wainberg, M.A., Stern, M., Martel, R., Belleau, B., Soudey, H.: Anti-HIV-1 activity, toxicity and pharmacokinetics of totally novel

nucleoside analogs. V International Conference on AIDS, Montreal, June 1989.

Wang, E.: Possible mechanisms for controlling the non-proliferating state in senescent and terminally differentiated cells. Seminars in Anatomy - Department of Anatomy, McGill University, Feb. 1989. 1) Is fibroblast senescence a distinct non-proliferating state leading to death? 2) Is cellular senescence a distinct and non-proliferating state leading to death? Seminar, NIA, May 1989. Molecular differentiation of cDNA for statin, a non-proliferating cell-specific nuclear protein from elongation factor-1a gene. Taipei, Taiwan, June 1989. Strategy and criteria to decide when and how to use monoclonal antibodies in clinical studies. Taipei, Taiwan, Aug/Sept. 1989.

APPOINTMENTS

Beck, P.R.: Appointed Member, Examining Board in Psychiatry, (English Section) of the Royal College of Physicians and Surgeons.

Bergman, H.: Elected President of the Société Québécoise de Gériatrie (Quebec Geriatrics Society) April 1989. Vice President, Board of Examiners for the Specialty Examinations in Geriatric Medicine by the Corporation professionnelle des médecins du Québec.

Bond, M.: Member of the American Psychiatric Association Task Force on Defense Mechanisms for DSM-IV.

Clarfield, A.M.: Assistant Dean of Students Affairs, Faculty of Medicine, McGill University. Appointed Chairman and organizer, Canadian Consensus Conference on the Assessment of Dementia for the Primary Care Physicians held at the JGH in 1989.

Feldman, R.B.: Approved supervisor, American Association for Marriage and Family Therapy.

Fichten, C.: Appointed to the Association for Advancement of Behavior Therapy (AABT) 1990 Convention Program Committee. Guest Reviewer, Canadian Journal of Behavioral Science 1989.

Frank, D.: Chairman-elect, Northeast Group on Medical Education of the Association of American Medical Colleges. Board of Directors, Reddy Memorial Hospital. Director of External Services, JGH Department of Psychiatry.

Freedman, B.: Associate editor, Journal of Clinical Ethics, 1989. Appointed to Advisory Panel of Experts in Health Law of the Law Reform Commission of Canada, 1989.

Goldenberg, M.: Coordinator of residency training, Diagnostic Radiology JGH. Member, postgraduate Education Committee, Department of Radiology, McGill University, 1989.

Gordon, P.H.: Appointed Full Professor, Faculty of Medicine, McGill University. Elected Treasurer of the American Society of Colon and Rectal Surgeons. Appointed Director of CTU 11.

Hiscott, J.: Member, AIDS Review Committee, National Health and Research Development Program, Health and Welfare Canada, 1989.

Member, Medical Advisory Board, Cancer Research Society Inc., 1989.

Lasry, J.C.: Elected Canada's representative to the Executive Committee of the International Association for Cross-Cultural Psychology, 1989-1990.

Levine, M.: Adjunct Professor, McGill University, Centre for Studies in Aging.

Libman, E.: Faculty lecturer, Department of Psychiatry, McGill University. Adjunct Associate Professor, Psychology Department, Concordia University.

Lisbona, A.: Examiner in Diagnostic Radiology for Royal College of Physicians and Surgeons of Canada, 1989. Associate Professor, Faculty of Medicine, McGill University, 1989.

Martin, M.: Appointed Associate Professor, Faculty of Medicine, Department of Obstetrics/Gynecology, McGill University. President, Medical Executive Council, Jewish Rehabilitation Hospital.

Palayew, M.J.: Chairman, Scientific Advisory Council of the Canadian Association of Radiology Radiological Foundation. Canadian Association of Radiology representative to the Canadian Medical Association. Secretary-treasurer, Council of Physicians, Dentists and Pharmacists of the Sir Mortimer B. Davis - Jewish General Hospital, 1989.

Pinsky, L.: Reappointed for a third 5 year term as Director, Centre for Human Genetics, McGill University, 1989.

Rosberger, Z.: Appointed lecturer, Department of Psychiatry, Faculty of Medicine, McGill University.

Sherwin, B.B.: Promoted to tenured Associate Professor, Department of Psychology, Faculty of Science, McGill University, June 1989. Appointed member, site-visit team by the National Institutes of Health for program grant submitted by The Pennsylvania State University, May 1989.

Shyamala, G.: Appointed to Scientific Program Committee of the Endocrine Society, 1989.

Shapiro, M.: Appointed Chief, Division of Plastic Surgery, Jewish General Hospital.

Sigman, H.: Appointed, Chief, Division of General Surgery, Jewish General Hospital.

Small, D.: Appointed Director of Ambulatory Care Teaching, Department of Medicine, JGH.

Tulandli T.: Appointed to The Nucleus Committee of the Canadian Investigators in Reproduction, 1989-1992.

Wainberg, M.A.: Appointed Member of International Program Committee, Sixth International Conference on AIDS, to take place in San Francisco, Cal, in June 1990. Appointed Member of Program Committee, International Association for Comparative Research on Leukemia and Related Diseases, Denver, Col. 1989. Appointed Member of Quebec Government Advisory Committee on AIDS, Ministère des Affaires Sociales.

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Prière d'adresser vos dons à la Fondation de l'Hôpital Général Juif - Sir Mortimer B. Davis et de les poster au 3755, Chemin de la Côte-Sainte-Catherine, Bureau A-700, Montréal (Québec) H3T 1E2.

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