

Barbara Beckett

Barbara Beckett received her B.Sc. degree in Biochemistry from McGill University and her Ph.D. in Biochemistry from the University of Wisconsin (Madison). She did postdoctoral work at the University of Toronto, Queen's University, and the University of Arizona and has done research in a variety of areas in molecular biology, including nuclear receptors, cytochrome P450 enzymes, and HIV. In the summer and fall of 2000 she coordinated a successful application for a new Network of Centers of Excellence in stem cell research, where she is now the Manager of Scientific Affairs and Training. From November 2000 to January 2002 she coordinated the Canadian Institutes of Health Research (CIHR) Working Group on Stem Cell Research, whose report on stem cell research guidelines was made public by CIHR in March 2002. This report has been the subject of much publicity in the context of ongoing development of legislation in this area by the Canadian government.

In her leisure time she has been involved in organizations that provide services for developmentally handicapped individuals and is a keen participant in outdoor activities such as cross country skiing, canoeing, cycling, hiking, and jogging.

Monique Bégin

A teacher, then a sociologist, Monique Bégin was the Executive Secretary of the Royal Commission on the Status of Women in Canada (1967-1970) before becoming the first woman from Québec elected to the House of Commons (Liberal, 1972). Re-elected in 1974, 1979, 1980, she was appointed Parliamentary Secretary to the Minister of Foreign Affairs (1975-1976) by Prime Minister P.E. Trudeau. Sworn in as Minister of National Revenue (1976-1977), she then became Minister of National Health and Welfare (1977-1984). She remains best known for the *Canada Health Act (1984)*.

She left politics in September 1984. A university professor since, Monique Bégin was the first holder of the Joint Chair in Women's Studies at Ottawa and Carleton Universities. Dean of the Faculty of Health Sciences at University of Ottawa (1990-1997), she also co-chaired the Royal Commission on Learning of Ontario (1993-1994) and served on the International Independent Commission on Population and Quality of Life (1993-1996). She is a Fellow of the Royal Society of Canada (1996) and has received 12 honorary doctorates in recognition of her contribution to human rights and to public policies. In 1998, she was invested as Officer of the Order of Canada.

Sociologue, Monique Bégin fut Secrétaire générale de la Commission royale d'enquête sur la situation de la femme au Canada (1967-1970), puis, après deux ans en recherche au CRTC, elle devint la première femme du Québec élue à la Chambre des Communes (Libérale, 1972). Ré-élue en 1974, 1979 et 1980 elle fut secrétaire parlementaire du Ministre des Affaires étrangères (1975), Ministre du Revenu national (1976-1977), puis Ministre de la Santé nationale et du Bien-être social (1977-1984). Son nom restera identifié à la *Loi de la santé du Canada (1984)*.

Elle a quitté la politique en septembre 1984. Passée au monde universitaire, elle a enseigné à Notre Dame, IN, et à McGill avant d'occuper une chaire conjointe aux universités d'Ottawa et Carleton (1986-1990) et de devenir doyenne de la Faculté des sciences de la santé à l'Université d'Ottawa (1990-1997). Pendant ce mandat, elle a co-présidé la Commission royale d'enquête sur l'éducation en Ontario (1993-1994) et a été membre de la Commission internationale indépendante sur la Population et sur la Qualité de la vie (1993-1996). Éluée Membre de la Société royale du Canada (1996), elle a reçu 12 doctorats honorifiques pour sa contribution aux droits de la personne et aux politiques publiques. En 1998, elle a été reçue Officier de l'Ordre du Canada.

Gloria Bonder

Gloria Bonder is the General Coordinator of the Regional Program on Gender and Public Policies at FLACSO, in Buenos Aires, Argentina. She is also coordinator of the UNESCO Regional Chair on Women, Science and Technology at the same institution. She is Tinker Visiting Professor at the Women's Studies Program, University of Wisconsin, Madison. She coordinates the regional program "Piloting their Future: Educational Programs for Poor Young Women in Employability, Citizenship and Leadership" financed by the Inter-American Bank for Development (IADB).

Her responsibilities encompass training, technical assistance and evaluation of 14 teams responsible for the implementation of projects in 4 countries (Argentina, Chile, Uruguay and Paraguay). As a consultant in gender planning for the Secretariat of Science and Technology, Ministry of Culture and Education, Argentina, her main responsibility is to integrate a gender perspective in the current scientific and technological policy and evaluate its implementation and impact. In 1998, she was the coordinator of the UNESCO REGIONAL FORUM: "Women, Science and Technology in Latin America: Diagnoses and Proposals". Gloria Bonder has funded and managed several pioneer programs related to women/gender issues in academic institutions, governmental offices and NGO's. She has developed research on gender and education, science and technology, communication and young women in Latin America.

Guy Bourgeault

Professor, Université de Montréal, in Bioethics Graduate Interdisciplinary Programs, Guy B. is also director of seminars in Education and Ethics, and member of the Centre d'études ethniques des universités montréalaises. Along the years, commitments with the Quebec Civil Rights Organization (Ligue des droits et libertés du Québec), the Canadian Institute for Adult Education (Institut canadien d'éducation des adultes), the Canadian Commission for UNESCO, the Québec Press Council offered daily opportunities of learning about society and its evolution. He is the author of many books and articles in Ethics. Three Titles:

- *L'éthique et le droit face aux nouvelles technologies biomédicales. Prolégomènes pour une bioéthique.* Bruxelles, De Boeck U. / Montréal, PUM, 1990.

- *Éloge de l'incertitude.* Montréal, Bellarmin, 1999.

- *Human Life and Health* (First Published in Japanese: *Kenko to Jinsei*, 2000; then in French : *Pour un nouvel art de vivre*, 2001). *Dialogues* between Daisaku Ikeda, René Simard and Guy Bourgeault on *Life, Health, Bioethics and Education.* Montréal, PUM. 2002

James P. Bruce

Jim Bruce has more than 40 years' experience in the fields of meteorology, climate, water resources, disaster mitigation, and environment in senior executive positions with Environment Canada and UN organizations. Among these positions, were Director, Canada Centre for Inland Waters, Burlington, 1967-74, Director General Inland Waters, 1974-77, Assistant Deputy Minister, Environmental Management, 1977-80, and Assistant Deputy Minister, Atmospheric Environment Service, 1980-85. From 1986-1989, Mr. Bruce was Director of Technical Cooperation and Acting Deputy Secretary-General of the World

Meteorological Organization, Geneva. He recently completed terms as co-chair of the Intergovernmental Panel on Climate Change (IPCC) Working Group III on Economic and Social Dimensions, as chair of the Canadian Climate Program Board, and of the International Advisory Committee, UN University International Network on Water, Environment and Health. He is currently a Senior Associate with Global Change Strategies International, Inc., and is Vice Chair of the Board of the International Institute for Sustainable Development. Recent awards include the IMO Prize of the World Meteorological Organization for “exceptional world-wide contributions in meteorology and hydrology”, Officer of the Order of Canada, Fellow of the Royal Society of Canada and Honorary Doctorates from Waterloo and McMaster Universities.

Teresa Brychcy

Teresa Brychcy is Director of Scholarships and Fellowships Programs at NSERC (Natural Sciences and Engineering Research Council of Canada), Ottawa, Canada.

Ms Brychcy holds a B.Sc. from McGill University (1971) and an M.Sc. in Genetics from the University of Alberta (1974). She began her career with the Canadian federal government in 1974, working for the Environmental Secretariat at the National Research Council of Canada (NRC) in Ottawa. From 1975 to 1979, she worked in molecular genetics research in the Biological Sciences Division at the NRC. Since 1979, Ms Brychcy has been employed by NSERC, initially as an awards officer in the Strategic Grants program. In 1983 she became a program officer in the Scholarships Division, with responsibility for the administration of several programs, including the University Research Fellowships, the Undergraduate Student Research Awards, and the Industrial Research Fellowships. In 1989, Ms Brychcy was appointed to her current position of Director (Scholarships and Fellowships Programs), with responsibility for policy development, planning and delivery of NSERC’s scholarships and fellowships programs at the undergraduate, postgraduate, and postdoctoral award level.

Kuang Hwa (Sophia) Chung

Dr. Kwang Hwa Chung holds a Ph.D in particle physics from the University of Pittsburgh, USA. From 1978 until the present, she has been working as a principal researcher at the Vacuum Technology Center at the Korean Research Institute for Standards and Science. Her current research activities involve participation in the international comparison of low vacuum and ultra high vacuum standards under the auspices of BIPM/CCM. She is also the Project Leader for “Construction of infrastructure for vacuum technology in Korea”. Dr. Chung has been a member of the “National Council for Science and Technology” since 1999 and President of “The Association of Korean Woman Scientists and Engineers” since 2000. In 1998, she received a prominent R&D award from the Korean Research Institute for Standards and Science and the City Award in the Academic Field. In 2000, she was named a member of the “Order of National Service Merit” in the field of science and technology.

Helene Connor – Lajambe

Dr. H el ene Connor-Lajambe is an economist specialised in energy policies and climate change. She is coordinating Sustainable Energy Watch, a network of independent energy analysts who report on the contribution of energy policies to sustainable development. She is the founder and Executive Director of

HELIO International and a member of the board of several major NGOs. She is also a co-founder of the French Climate Action Network and of the French NGO Coalition for Johannesburg 2002.

Before leaving Canada to work for the OECD (France), Dr. Connor-Lajambe was vice-chair of the Canadian Environmental Advisory Council and one of the initial members of the National Round Table on Environment and the Economy. She founded the Société pour Vaincre la Pollution in 1970, co-founded the James Bay Defence Committee in 1971 and the Canadian Coalition for Nuclear Responsibility in 1975.

Karen Decontie

Karen Elizabeth Decontie, M.Eng., P.Eng. is currently working as a structural engineer for the Government of Canada at Calgary, Alberta. Karen is also an aboriginal woman from the Algonquin community of Kitigan Zibi at Maniwaki, Quebec. She graduated with a Bachelor of Civil Engineering degree from McGill University at Montreal, Quebec in 1989. After graduating from McGill University, Karen relocated to Calgary to work as an engineer for the Government of Canada in the National Parks and Historic Sites for Alberta and British Columbia. Karen attended the University of Calgary to complete a Masters' of Engineering in Structures While working full time for the National Parks. She completed her structural engineering degree in 1994 and has been working in this field ever since.

Karen has also been involved in community activities to promote engineering as a career choice. For aboriginal people. She received the Canada 125 Medal for recognition of her community and public service contributions to Canada.

Elizabeth Dowdeswell

Elizabeth Dowdeswell's eclectic public service career has spanned provincial, federal and international borders and transcended traditional disciplinary lines. Throughout, her focus has been on engaging the public in public policy-making; seeking innovation in the successful management of organizations through change; and, strengthening communications and education as means to achieve results. Her global vision and pragmatic managerial skills are the focus of her current management consulting business and position as a Visiting Professor at the University of Toronto.

Ms. Dowdeswell served as Executive Director of the United Nations Environment Programme and Under Secretary General of the United Nations, Assistant Deputy Minister of Environment Canada, responsible for the national weather and atmospheric agency and led a number of public inquiries into such politically sensitive issues as Canada's unemployment benefits program and federal water policy. Her early career included terms as Deputy Minister of Culture and Youth for the Province of Saskatchewan, educational consultant, university lecturer and high-school teacher.

Lillian E. Dyck

Is a biochemist who is a full Professor in Neuropsychiatry Research, University of Saskatchewan. She was a recipient of a National Aboriginal Achievement Award [1999] and a Women of the Dawn, First Nations of Saskatchewan [2001] Award for Science and Technology. Her research interests have been on understanding the mechanisms of action of antidepressant and antipsychotic agents, drug metabolism and

development, and racial differences in alcohol metabolism. Recently, she has been appointed half-time Associate Dean [Programs], College of Graduate Studies and Research.

Ann Gibbins

Ann M. Verrinder Gibbins, Professor and Chair, Department of Animal and Poultry Science, University of Guelph, Ontario, Canada.

Agyrios Margaritis

Dr. Argyrios Margaritis, P.Eng., is presently Professor of Biochemical Engineering, after serving for eleven years as Chair in the Department of Chemical and Biochemical Engineering, The University of Western Ontario, London, Ontario. Dr. Margaritis received his B.A.Sc. in Chemical Engineering from the University of Waterloo, then was awarded scholarships to pursue his post-graduate studies at the University of California at Berkeley, where he received his Masters degree in Chemical Engineering, and his Ph.D. in Biochemical Engineering. Dr. Margaritis returned to Canada and joined the Department of Chemical and Biochemical Engineering at the University of Western Ontario, where he established the first Biochemical Engineering undergraduate and graduate programs in Canada.

Dr. Margaritis is world-renowned for his expertise and pioneering research in Biochemical Engineering/Biotechnology/Fermentation. He has over 300 refereed journal publications and scientific presentations to his credit, and so far has supervised 54 Masters and Ph.D. graduate students. Currently, Dr. Margaritis supervises a team of 15 graduate Masters and Ph.D. students and Post-Doctoral Fellows. In recognition of his research excellence and pioneering contributions in Biochemical Engineering, Dr. Margaritis was made Fellow of the Chemical Institute of Canada, and was awarded the prestigious Medal in Research and Development by the Association of Professional Engineers of Ontario, that has 54,000 P.Eng. members. Dr. Margaritis serves on the Editorial Boards of several refereed journals, and served as Co-Chair of the Bioengineering Task Force Committee of Professional Engineers of Ontario, which produced a report with recommendation for the establishment of a new P.Eng. specialty in Bioengineering. Dr. Margaritis is consultant to several Biotechnology companies.

Elizabeth May

Elizabeth May is an environmentalist, writer, activist and lawyer. She first became heavily involved in environmental issues in the mid-70's fighting insecticide spraying on forests near her home on Cape Breton Island, Nova Scotia. After successfully opposing budworm spraying, she and a local group of residents were forced to take the pulp company to court to prevent herbicide spraying. That case took two years and was eventually lost. However, by the time the judge ruled the chemicals were safe, 2,4,5, -T's export from the U.S. had been banned.

Elizabeth is a graduate of Dalhousie Law School and was admitted to the Bar in both Nova Scotia and Ontario. She has held the position of Associate General Council for the Public Interest Advocacy Centre, representing consumer, poverty and environment groups in her work.

In 1986, Elizabeth became Senior Policy Advisor to the then federal Environment Minister, Tom McMillan. She was instrumental in the creation of several national parks, including South Moresby, as well

as in drafting new legislation and pollution control measures. In 1988, she resigned on a point of principle when the Minister granted permits for the Rafferty-Alameda Dams in Saskatchewan as part of a political trade-off, without environmental assessments. The permits were later quashed by a Federal Court decision which ruled that they were illegal.

Elizabeth is also the author of four books, *Budworm Battles* (1982), *Paradise Won: The Struggle to Save South Moresby* (1990), *At the Cutting Edge: The Crisis in Canada's Forests* (Key Porter Books, 1998) and her most recent, co-authored with Maude Barlow, *Frederick Street; Life and Death on Canada's Love Canal* (Harper Collins, 2000)

She sat on the boards of Earth Day 1990 and Friends of the Earth Canada, is an Honorary member of the board for the Canadian Environmental Network and was a founding member of the Canadian Environmental Defense Fund and Women for a Healthy Planet. Elizabeth also established Cultural Survival (Canada), where she served as Executive Director on a volunteer basis for four years.

Elizabeth is the recipient of several awards including the Outstanding Achievement Award from the Sierra Club in 1989, the International Conservation Award from the Friends of Nature, and the United Nations Global 500 Award in 1990. In 1996, she was presented with the award for Outstanding Leadership in Environmental Education by the Ontario Society for Environmental Education. In 1998, she became the first chair-holder of the Elizabeth May Chair in Women's Health and Environment at Dalhousie University. In May 2000 she was granted an honorary doctorate from Mount Saint Vincent University.

Elizabeth May is Executive Director of the Sierra Club of Canada, a member of the board of directors of the International Institute for Sustainable Development, an advisory board to the Environmental commissioner, Office of the Auditor General of Canada (September, 2001), and is the former vice chair of the National Round Table for the Environment and Economy. She was the first chair holder of the "Elizabeth May Chair in Women's Health and Environment" at Dalhousie University.

She is also the mother of ten year old, Victoria Cate.

Terry Peach

Terry is Manager - Organization and Staffing with GE Canada, responsible for succession planning and leadership development within GE's Canadian operations. Within this scope, he also manages the University Recruitment programs as well as the entry-level development programs.

Graduating from the University of Western Ontario in 1973, Terry joined GE on the Human Resource Leadership Program and has followed a career in Human Resources with diverse assignments in a number of GE business divisions and roles. He also spent 2 years on the Business-Government Executive Exchange Program working at the Canadian Centre for Management Development in Ottawa. Terry served as an Industry Representative on the Canadian Committee on Women in Engineering.

Corinne Mount Pleasant – Jette

Corinne Mount Pleasant - Jetté, B.Ed., C.M., is an Assistant Professor in the Faculty of Engineering and Computer Science at Concordia University in Montreal, where she has taught undergraduate students from all disciplines in engineering and computer science since 1979. Her area of specialization is Technical Writing and Communications in Engineering. A status Indian from the Tuscarora Nation, she has conducted research and written extensively on Aboriginal issues for numerous government agencies and organizations for over twenty years. As a contributor to the [Royal Commission on Aboriginal Peoples](#), her

research studies focused on the development of a skilled labor force as an essential element of economic development for self-sufficiency. She founded the Native Access to Engineering Programme (NAEP) at Concordia University in 1993, and has been an invited speaker on several topics related to Canada's First Nations. In 2001, she was named to the Panel of Experts on First Nations Education providing policy direction and advice to the Department of Indian and Northern Affairs in Canada. Professor Jetté holds the Order of Canada, the country's highest civilian honor, which was awarded to her in 1992 for her efforts in public education on human rights and First Nations issues. She has been honoured to receive the Woman of Distinction award in Education from the YWCA in Canada, as well as recognition as the Outstanding Faculty Member of the Faculty of Engineering & Computer Science at Concordia University in Montreal.

Teresa Rees

Teresa Rees is a Professor in the School of Social Sciences at Cardiff University, Wales, UK. She specialises in education, training and labour market policy analysis with a special interest in gender equality. She is a long-term consultant to the European Commission on gender mainstreaming and the Equal Opportunities Commissioner for Wales. She is an academician of the UK Academy of Social Sciences.

She was a member of the Equal Opportunities Commission's *Task Force on Equal Pay* and chaired the National Assembly for Wales' *Independent Investigation Group on Student Hardship and Funding in Wales*.

Current work includes projects on women in scientific careers in the private sector (for the European Commission) and benchmarking policies on women and science among the 30 countries that comprise the Helsinki Group on women and science.

Publications include (1998) *Mainstreaming Equality in the European Union* (Routledge). She was the rapporteur for the ETAN report on women and science: Osborn, M., Rees, T., Bosch, M., Hermann, C., Hilden, J., McLaren, A., Palomba, R., Peltonen, L., Vela, C., Weis, D., Wold, A., Mason J. and Wennerås, C. (2000) *Science Policies in the European Union: Promoting excellence through mainstreaming gender equality*. Luxembourg: Office for Official Publications of the European Communities.

Sue V. Rosser

Sue Rosser received her Ph.D. in Zoology from the University of Wisconsin-Madison in 1973. Since July 1999, she has served as Dean of Ivan Allen College, the liberal arts college at Georgia Institute of Technology, where she is also Professor of History, Technology, and Society. From 1995-1999, she was Director for the Center for Women's Studies and Gender Research and Professor of Anthropology at the University of Florida-Gainesville. In 1995, she was Senior Program Officer for Women's Programs at the National Science Foundation. From 1986 to 1995 she served as Director of Women's Studies at the University of South Carolina, where she also was a Professor of Family and Preventive Medicine in the Medical School.

She has edited collections and written approximately 95 journal articles on the theoretical and applied problems of women and science and women's health. Author of the books Teaching Science and Health from a Feminist Perspective: A Practical Guide (1986), Feminism within the Science and Health Care Professions: Overcoming Resistance (1988), Female-Friendly Science (1990) from Pergamon Press, Feminism and Biology: A Dynamic Interaction (1992) from Twayne Macmillan, Women's Health: Missing from U.S. Medicine (1994) from Indiana University Press, and Teaching the Majority (1995), Re-engineering Female Friendly Science (1997), her latest book is Women, Science, and Society: The Crucial

Union (2000) from Teachers College Press. She also served as the Latin and North American Co-editor of Women's Studies International Forum from 1989-1993 and currently serves on the editorial boards of NWSA Journal, Journal of Women and Minorities in Science and Engineering and Women's Studies Quarterly. She has held several grants from the National Science Foundation, including "A USC System Model for Transformation of Science and Math Teaching to Reach Women in Varied Campus Settings" and "POWRE Workshop"; she currently serves as co-PI on a \$3.7 million ADVANCE grant from NSF. During the fall of 1993, she was Visiting Distinguished Professor for the University of Wisconsin System Women in Science Project.

Submaranian Saraswathy

Ms. Submaranian Saraswathy is currently working as the Director of The Katha-Khazana Center for community development in New Delhi, India, where she has previously taught, developed materials and coordinated children's programs. She is also the Director of Research and Development of Teaching and Learning materials and is working as the coordinator for Secondary Courses and Foundation Courses at the Special Accredited Institutions for Education of the Disadvantaged (SAIED). Some of her students are now in professional courses at universities continuing their higher education. Some are young entrepreneurs, some have completed their graduation and are working for organizations and companies. She is simultaneously pursuing a M. Phil. in Education.

Kathleen E. Sendall

On February 13, 2002, Kathy Sendall was appointed to Senior Vice President, Western Canada. In her current role, she is responsible for Western Canada production and North American exploration. In addition, she is responsible for ensuring a high degree of alignment and focus is brought to Petro-Canada's corporate-wide upstream assets and capability development.

Ms. Sendall joined Petro-Canada in 1978 and, after spending two years working with Nova Gas Transmission, rejoined the company as an Engineering Supervisor of Offshore and International Joint Ventures. She held various supervisory positions until 1991, when she was appointed Wholesale Marketing Manager for Petro-Canada Products. In 1994, she served as Manager and, later, Director of Business Development in the Natural Gas Liquids Business Unit and in 1996 was appointed Vice-President, Engineering and Technology. In 2000, Ms. Sendall assumed the role of Vice-President, Western Canada Development and Operations. In this position, she was responsible for the Western Canada natural gas business (including gas marketing) and conventional oil properties, including technology functions that support the business.

Ms. Sendall graduated from Queen's University, with a B.Sc., Honours, in Mechanical Engineering in 1977, and the Western Executive Program from the University of Western Ontario Business School in 1990. She is a member of the Association of Professional Engineers, Geologists and Geophysicists of Alberta and is active in the Engineering Associates Program at the University of Calgary.

Ms. Sendall Chairs the Advisory Council to the NSERC/Petro-Canada Chair for the Advancement of Women in Science and Engineering, Prairie Region. She was recently appointed as Governor of the Canadian Association of Petroleum Producers (CAPP) and is Chair of CAPP's Environmental, Health and Safety Executive Policy Group. She is also a Director of the Canadian Academy of Engineering and a Director of the Calgary Philharmonic Orchestra as well as Chair of the Development Council of the Calgary Philharmonic Orchestra.

Ms. Sendall was the recipient of the 1998 YWCA Women of Distinction Award for the category “Business, Labour, the Professions and Entrepreneurs” and in 1999 became a Fellow of the Canadian Academy of Engineering. In June, 2002 she received an Honorary Bachelor of Applied Industrial Ecology from Mount Royal College.

Priscilla Settee

Priscilla Settee is a tenured faculty member at the University of Saskatchewan and works as Program Director of the Indigenous Peoples Program at the Extension Division. She is presently enrolled in an Interdisciplinary Ph.D. program in Education and Agriculture (University of Saskatchewan). She is co-editor of the native studies textbook “Expressions in Canadian Native Studies”. Her research examines the impact of western science on Indigenous Knowledge Systems and will take her to the South Pacific and South Africa to research Indigenous Knowledge Systems in both regions. She has worked as an advisor to the International Development Research Centre(Ottawa) and helped produce the book Seeding Solutions, Policy Options for genetic Resources: People, Plants, and Patents Revisited. Settee is active with the Ad-Hoc Working Group on the Convention on Biological Diversity, an Indigenous group which works on Biodiversity issues critical to Indigenous Peoples globally.

Ruta Sevo

Dr. Ruta Sevo is the Senior Program Director of the Program for Gender Equity in Science, Math, Engineering and Technology, EHR/Human Resource Development at the National Science Foundation. She manages an education research program worth \$10 million per year for the National Science Foundation. The program funds innovative education projects through the college level, with the aim of increasing the participation of girls and women in science, mathematics, engineering and technology.

She holds three advanced degrees in information science and Asian studies (including anthropology, political science, history, literature) from the University of Chicago. She has worked twenty-three years in the federal government, mostly in information technology development, and more than 15 years in project leadership, supervisory or management roles. She held prior positions at the Library of Congress and the Executive Office of the President.

Dr. Claudine Simson

With her 23 years of Global R&D management experience in one of the world's leading telecommunications systems suppliers, and her frequent multi-lingual public speaking appearances, Dr. Claudine Simson has made remarkable contributions to the fields of Information and Communication Technology (ICT) and Intellectual Property.

Youngest PhD in France, Dr. Simson started her distinguished career as a device physicist at Bell-Northern Research Laboratories in Ottawa, Canada in 1978. She was one of the key scientists behind the launch of world's first single-chip filter codec: a landmark achievement in the history of Digital Switching. She was rapidly promoted to senior management positions in the ensuing years, and early 1993 became General Manager of Nortel Networks' \$ half a billion Global Microelectronics & Microwave Components Business. In 1997, she was appointed Vice-President, Global Technology Research and Intellectual

Property. She was responsible for the Corporation's Advanced Research and Intellectual Property Global Operation, across a product portfolio over \$25 B. She recently became President of WaveNET Inc., a Technology Consulting and Investment Company based in the National Capital of Canada.

A well-respected multi-lingual public speaker in the areas of Science & Technology and Intellectual Property, Dr. Simson serves on several boards of companies, influential government bodies, and research and educational institutions worldwide. She received many honours and awards, such as three Honorary Doctorates and the Order of France for the world- wide advancement of Science & Technology. She was also the first Canadian to be inducted in the Hall of Fame of Women-In-Technology International (WITI), and was recently elected Fellow of the Royal Society of Canada.

Born and educated in France, Dr. Simson graduated in 1975 as an Electrical Engineer *Summa Cum Laude* from one of France's prestigious *Grandes Ecoles* (INSA-Toulouse), prior to receiving her PhD in Semiconductor Physics in 1978 from the same institution, while doing her doctorate research as a Scholar of the *Centre National de la Recherche Scientifique (CNRS)*.

Margaret Somerville

Margaret Somerville is Samuel Gale Professor of Law, Professor in the Faculty of Medicine, and the Founding Director of the Centre for Medicine, Ethics and Law at McGill University, Montreal.

Professor Somerville has an extensive national and international publishing and speaking record and is a frequent commentator in all forms of media. She is deeply committed to the public's right to be involved in the decision making shaping our society. To this end, she authored *The Ethical Canary: Science, Society and the Human Spirit* and *Death Talk: The Case Against Euthanasia and Physician-Assisted Suicide*; has edited *Do We Care? Renewing Canada's Commitment to Health*, Proceedings of the first Directions for Canadian Health Care conference; and co-edited. *Transdisciplinarity: reCreating Integrated Knowledge*.

Professor Somerville is a consultant to governments and non-governmental bodies, especially regarding public policy. In particular, she has consulted to the Global Programme on AIDS of the World Health Organization, UNAIDS, the United Nations Human Rights Secretariat in Geneva, and law reform commissions in Canada and Australia. She was the founding Chairperson of the National Research Council of Canada Ethics Committee, and has served on many editorial boards, advisory boards and boards of directors, including the Canadian Centre for Ethics in Sport and the American Society of Law, Medicine and Ethics.

Margaret Somerville occupe des chaires d'enseignement à la faculté de droit et à la faculté de médecine de l'Université McGill, à Montréal. Elle est titulaire de la chaire Samuel Gale de droit (et est à ce titre la première femme au Canada à occuper une chaire désignée de droit) et directrice fondatrice du Centre du médecine, d'éthique et de droit de McGill. Elle participe activement au développement mondial de la bioéthique et à l'étude des éléments juridiques et éthiques plus généraux de la médecine et des sciences.

Margaret Somerville a fait des études de sciences et de droit. Elle a obtenu un grade en pharmacie à l'Université d'Adélaïde avec distinction (1963); un diplôme de droit avec grande distinction doublé de la médaille universitaire à l'Université de Sydney (1973) et l'Université McGill li a conféré un doctorat en droit civil (1978). Elle a reçu des doctorats en droit *honoris causa* de l'Université de Windsor (Ontario) (1992), de l'Université Macquarie, à Sydney (Australie) (1993) et de l'Université St-François-Xavier, à Antigonish (Nouvelle-Écosse) (1996). Elle a été élue membre de la Société royale du Canada en 1991. Elle est lauréate de nombreux prix et distinctions, parmi lesquels le *Distinguished Service Award* de l'*American Society of Law and Medicine* (1985), la médaille d'or *Pax Orbis ex Jure* de l'Association mondiale des juristes pour son appui et son dévouement à la cause de la paix mondiale par le droit (1985) et l'Ordre du Canada (1989) qui lui a été décerné en reconnaissance de sa contribution internationale au droit et à la bioéthique.

Professeur Somerville possède un palmarès enviable au chapitre des publications et des conférences qu'elle a données à l'échelle nationale et internationale. Elle est experte en communications avec de nombreux publics, surtout des téléspectateurs et des auditeurs sur des sujets qui soulèvent des questions juridiques et éthiques complexes pour la société. Elle participe régulièrement et fréquemment à des tribunes de ce type au Canada et à l'étranger.

Margaret Somerville est conseillère auprès de gouvernements et d'organisations non gouvernementales, notamment au sujet des politiques gouvernementales. En particulier, elle a été conseillère du Programme mondial sur la sida de l'Organisation mondiale de la santé, Onusida, du Secrétariat des droits de l'homme des Nations unies à Genève et des commissions de réforme du droit au Canada et en Australie, en plus d'avoir été conférencière (chargée notamment du discours-programme) à l'UNESCO à Paris. Elle a été présidente fondatrice du comité d'éthique du Conseil national de recherches du Canada, a fait partie de nombreux conseils de rédaction, conseils consultatifs et conseils d'administration, notamment du Centre canadien d'éthique des sports et de l'*American Society of Law, Medicine and Ethics*, en plus d'être conseillère en éthique auprès du Vérificateur général du Canada. Elle a également été très active dans le domaine clinique, faisant partie de comités de déontologie clinique et de recherche et offrant des consultations aux hôpitaux d'enseignement de l'Université McGill. Ses travaux dans le domaine de la médecine, de l'éthique et du droit englobent des recherches, des conférences et des consultations sur des questions comme l'euthanasie et le suicide médicalement assisté, le soulagement de la douleur, le génétique, les technologies de reproduction, les biotechnologies, la santé des écosystèmes, le vieillissement de la population, la qualité de la vie, la psychiatrie, la santé mentale et les handicaps mentaux, les droits de la personne en médecine et dans les soins de santé, notamment dans les contexte mondial, l'industrie pharmaceutique, l'hygiène publique, les systèmes de soins de santé, les fautes médicales, la recherche médicales humaine, la recherche animale, le sida, l'avortement, l'affection des ressources médicales et le rôle que les recherches et technologies scientifiques et médicales jouent dans la formation des valeurs sociales et du paradigme social.

Miriam Stewart

Dr. Miriam Stewart is Scientific Director of the CIHR Institute of Gender and Health, and Professor in the Faculty of Nursing and in Public Health Sciences, Faculty of Medicine (University of Alberta). She is a Health Senior Scholar, Alberta Heritage Foundation for Medical Research and a former Medical Research Council of Canada and National Health Research Development Program (MRC/NHRDP) Scholar. Dr. Stewart is former Director and Chair of the Centre for Health Promotion Studies University of Alberta, (1997- April 2001); former Director of the Atlantic Health Promotion Research Centre (1992-1997); and, co-principal investigator and co-creator of the Maritime Centre of Excellence on Women's Health (1996-2000). The total research monies awarded to the Atlantic Health Promotion Research Centre during her term as Director was over \$7,000,000. The Centre for Health Promotion Studies was awarded \$6.4 million in research funding since the assumption of her role of Director in 1997. Furthermore, the Centre received a grant from Alberta Learning for permanent base funding of \$340,450 annually in 2000. The two health promotion research centres facilitated over 100 projects conducted by others during her directorship. Following an international review, Dr. Stewart was appointed as the first Scientific Director of the Canadian Institutes of Health Research, Institute of Gender and Health in December 2000.

Research funding generated for her personal research programs over the past decade includes over \$9,000,000 from national peer review agencies (e.g., Social Sciences and Humanities Research Council of Canada, NHRDP, MRC, Canadian Health Services Research Foundation), other national and provincial foundations (e.g., AHFMR), and government (i.e., Health Canada). Dr. Stewart's own research programs emphasize social determinants of health and relevance to policies and programs for vulnerable populations. In the research programs and research centres, she has focused on building research capacity; mobilizing interdisciplinary and multi-site research teams; creating research infrastructures; and, establishing

partnerships with public, practice and policy domains. She has published extensively including five books, approximately 110 articles and research reports, and 23 chapters, and made numerous presentations at national and international venues.

Dr. Stewart was Canadian representative on the Pan American Health Organization Advisory Committee on Health Research. She was Chair and Scientific Officer of a MRC committee, Chair of a NHRDP committee, and committee member or reviewer for several national (i.e., NHRDP) and provincial research funding agencies.

Dr. Stewart served on the National Steering Committee of the Centres of Excellence on Women's Health and chaired two national sub-committees. She contributed to expert panels for the Canadian Health Network; and, prepared synthesis papers for the National Forum on Health and Health Canada. She is appointed to the Federal-Provincial-Territorial Advisory Committee on Population Health and the College of Reviewers for the Canada Research Chairs.

University administrative posts include Associate Dean, Faculty of Graduate Studies, Assistant Dean, Faculty of Health Professions, and Secretary of Senate.

Willem H. Vanderburg

After receiving a doctorate in mechanical engineering, Bill Vanderburg continued his studies of technology via the social sciences and humanities with Jacques Ellul at the University of Bordeaux in France. Upon his return to Canada, he became the founding director of the Centre for Technology and Social Development in the Faculty of Applied Science and Engineering at the University of Toronto, where he holds appointments in the Department of Mechanical and Industrial Engineering, the Department of Sociology and the Institute for Environmental Studies. He is the author of: Perspectives on Our Age – Jacques Ellul Speaks on His Life and Work, CBC Enterprises/Seabury Press, 1981, House of Anansi Press, 1986 and 1997; The Growth of Minds and Cultures, University of Toronto Press, 1985; and The Labyrinth of Technology, University of Toronto Press, 2000. He is also the Editor-in-Chief of the Bulletin of Science, Technology and Society, an international refereed journal published by Sage Press. Among his other publications are three annotated bibliographies dealing with sustainable production, sustainable energy and healthy cities (Scarecrow Press, 2001), and he has nearly completed the third part of his trilogy on our contemporary technical civilization.

Wanda Wuttunee

I am a lifegiver:

My son Cody is 12 and my daughter Drew is 10.

I am a caregiver and a teacher:

as a daughter and a sister and a friend; to Aboriginal students wanting a business degree as director of the Aboriginal Business Education Program at the I H Asper School of Business; to students interested in learning about our people as associate professor in Native Studies; to economic development officers in Aboriginal communities as a member of the Education Committee for the Council for the Advancement of Native Development Officers

I am a student:

of all life and all things that surround us; in the education system with a BComm (bachelor's degree in business), LLB (law degree), MBA (Masters in Business) and a PhD; of the successes in economic development of our people through my research; in sharing spirit through singing with my women's drumming group - "Squaw' Kin Eskwewak."

I am grateful for all my blessings.