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TECHNOLOGY NETWORKING GUIDE CANADA

A Newsletters, Periodicals
and Catalogues Publicizing
New Technologies.

B New Product/
New Technology
Databases

C Technology
Brokers and
Consultants.

D Information
Brokers.

E Specialized
Technology
Transfer Centres.

F Universities
as Sources
of Technology.

G Centres of
Excellence.

H New
Technology
Exhibitions.

I Associations and
Societies Concerned with
Technology Transfer.

J Corporations
as Sources of
Technology.

K Legal
Contacts.

L Government
information and/or
funding Sources.

M Non-government
funding sources

N Special Libraries

O Industrial
Design

P Media
Monitoring
Services

Technology Transfer Services
Services to Business Branch
Industry, Science and
Technology Canada

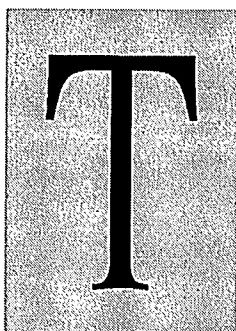


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TNGC TECHNOLOGY NETWORKING GUIDE CANADA

INDUSTRY, SCIENCE AND
TECHNOLOGY CANADA
LIBRARY

NOV 15 1993

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BIBLIOTHEQUE
INDUSTRIE, SCIENCES ET
TECHNOLOGIE CANADA

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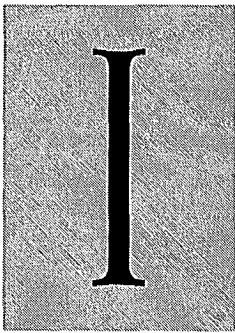
M Non-government
funding sources

N Special Libraries

O Industrial
Design

P Media
Monitoring
Services

Technology Transfer Services
Services to Business Branch
Industry, Science and
Technology Canada



INTRODUCTION

The **Technology Networking Guide – Canada** documents **Canadian** private and public sector technology information sources, services, programs and contacts. A companion publication, the **Technology Networking Guide – International** documents the respective **International** technology information. These publications are intended to assist Canadian business persons with the identification of expertise, assistance and technology-based opportunities which will aid in the creation of new business enterprise and the improvement and expansion of existing ones.

Due to the rapidly changing nature of the technology field, this publication will be frequently updated to accommodate new listings and to modify existing ones. Contributions of information which may be considered for inclusion in this publication will be most appreciated.

The following **federal government** information sources, services, programs and contracts are especially relevant to technology transfer:

Industry, Science and Technology Canada (ISTC) has many sector specialists that can provide information and referrals, and a number of financial assistance and information programs supportive of the technology transfer. Access is via the ISTC Regional Offices listed in section L2.

External Affairs and International Trade has technology specialists in Canadian embassies abroad that can provide a range of services from sourcing technical information and required new technologies, to identify potential joint venture partners and arranging meetings. Financial support to assist firms in accessing foreign technology may also be provided. Please refer to the Technology Inflow Program (TIP) Officers listed in section L1.

The **National Research Council (NRC)** Field Advisory Services provides access to:

- an extensive Canada-wide laboratory and technical advice networking consisting of components as laboratories of the NRC, other federal governments departments, provincial governments research centres, universities, and firms international facilities and expertise can also be accessed.

- the major scientific and technical library and database search services of the world-class **Canada Institute for Scientific and Technical Information (CISTI)** in Ottawa.
- the **Industrial Research Assistance Program (IRAP)** which financially assists firms with technology projects.

The NRC Field Advisory Services are listed under **Technology Assistance** in the yellow pages. Please call (613) 993-3996 in Ottawa if you have difficulties.

Comments and questions concerning this publications and suggestions for new technology information to be listed should be directed to:

INDUSTRY, SCIENCE AND TECHNOLOGY CANADA (ISTC)

J.A. Kelly, Manager

Tel: 613-954-5256

J.A. Caroleo, Responsible Officer for Guides

Technology Transfer Services

235 Queen Street

1st Floor, East Tower

Ottawa, Ontario K1A 0H5 Canada

Tel: 613-954-2899

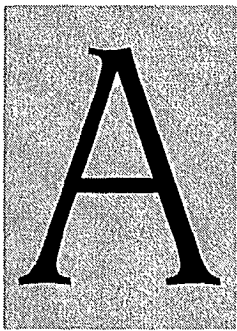
Fax: 613-992-7499

Tlx: 053-4123

A large, stylized, grey letter 'A' is centered on the page. The letter has a textured, stippled appearance. Overlaid on the center of the 'A' is the following text:

**NEWSLETTERS, PERIODICALS,
& CATALOGUES PUBLICIZING
NEW TECHNOLOGIES**





NEWSLETTERS, PERIODICALS, & CATALOGUES PUBLICIZING NEW TECHNOLOGIES

These documents refer to various styles of publications prepared on a periodic basis by Canadian organizations. The publications include some of the following materials:

- documents which describe scientific research programs or technology development activities, or new products incorporating current or advanced technology in a meaningful way, all of which are being undertaken principally by Canadian organizations.
- documents which list opportunities for the licensing of technology. The sources of technology can be anywhere in the world, however, the author must be Canada-based.
- publications which principally describe and report on the Canadian science and technology community or service to facilitate networking within the Canadian science and technology community.

■ Alberta

CHIPTALK

Published quarterly to provide information on new technology development at the Centre and one electronics industry in Alberta and Canada.

Chiptalk

Alberta Microelectronic Centre
200-3535 31st Street NW
Calgary, Alberta T2L 2K7
Tel: (403) 289-2043
Fax: (403) 289-2047

LASERTALK

Newsletter published by The Laser Institute located in Edmonton, Alberta, covering news of the evolving world of laser technology.

The Laser Institute

9924-45 Avenue
Edmonton, Alberta T6E 5J1
Tel: (403) 436-9750
Fax: (403) 437-1240

R&D

Bi-monthly newsletter featuring research and development activities at the Alberta Research Council. No charge.

Research and Development at the Research Council

Alberta Research Council
P.O. Box 8330, Postal Station "F"
Edmonton, Alberta T6H 5X2
Tel: (403) 450-5147
Fax: (403) 461-2651

SCIENCE CITY NEWS

Newsletter published by the Alberta Provincial Government Department of Technology Research and Telecommunications, covering a wide range of technical topics including reviews of new technologies and innovative new products developed in Alberta.

Alberta Technology, Research and Telecommunications

12th Floor Pacific Plaza
10909 Jasper Avenue
Edmonton, Alberta T5J 3M8
Tel: (403) 422-0567
Fax: (403) 420-1474

TELETALK

Published monthly, it provides information on new technology development at the Centre and on the telecommunications industry.



Teletalk

Alberta Telecommunications
Research Centre
200-4245 97th Street
Edmonton, Alberta T6E 5Y4
Tel: (403) 461-3830
Fax: (403) 463-3010

■ **B.C.**

B.C. DISCOVERY

A business magazine that focuses specifically on the advanced technology industry. It profiles companies and provides advice on business strategy, finance, law, distribution, strategic partnering and other issues of concern to those managing advanced technology companies. 6 issues per year. \$18.00 Canadian \$27.00 Foreign.

B.C. Discovery

Discovery Foundation
#400, The Station,
601 W Cordova Street
Vancouver, British Columbia
V6B 1G1
Tel: (604) 688-8464
Fax: (604) 688-2914

B.C. R&D: A BRITISH COLUMBIA DIGEST OF TECHNOLOGY RESEARCH & DISCOVERY

A monthly magazine that contains information on commercializable technologies from British Columbia. \$12 per year.

Discovery Foundation

#220 - 3700 Gilmore Way
Burnaby, British Columbia V5G 4M1
Tel: (604) 430-3533
Tlx: 04-356595

EXPORT BRITISH COLUMBIA BULLETIN

This program assists British Columbia manufacturers to promote their products to foreign markets by providing a forum to advertise to foreign trade offices and various business magazines worldwide.

Bulletin is distributed free and there is an entry fee to appear in the bulletin.

Export British Columbia Bulletin

British Columbia Trade Development Corporation (BCTDC)
750 Pacific Blvd. South
Vancouver, British Columbia
V6B 5E7
Tel: (604) 844-1900

NEW TECHNOLOGY JAPAN

Yoko Lin

New Technology Japan
Overseas Courier Service
3600 Viking Way
Richmond, British Columbia
V6N 1N6
Tel: (604) 270-1138

■ **Federal**

FEDERAL BUSINESS DEVELOPMENT BANK (FBDB) - ASSISTANCE TO BUSINESS IN CANADA (ABC) HANDBOOK

Reference guide on federal government business assistance programs, published by the Federal Business Development Bank (FBDB). Additional volumes cover provincial/territorial government assistance programs. Sold at FBDB branches.

■ **Manitoba**

CONNECTIONS

A newsletter published quarterly by the University of Manitoba, which describes available technologies. ISSN 0835-9075.

Ray Hoensen, P. Eng.

R&D Program Coordinator
Institute for Technological Development
Faculty of Engineering,
University of Manitoba
Winnipeg, Manitoba R3T 2N2
Tel: (204) 474-6200
Fax: (204) 261-3475

■ **N.S.**

INNOVATIONS

A quarterly magazine featuring articles on new commercializable technologies from Nova Scotia.

Innovations

c/o Department of Industry,
Trade and Technology
P.O. Box 519
Halifax, Nova Scotia B3J 2R7

■ **Ontario**

ASCENT

Ascent is published quarterly, in English and in French, by Atomic Energy of Canada Limited (AECL), Corporate Public Affairs, to inform readers in Canada and abroad about the company's research, development and commercial activities, and to further the understanding of nuclear power, its uses, and its importance. In Canada, subscriptions to Ascent are \$16.00 for four issues and \$32.00 for eight issues. All correspondence should be sent to the address below:

Ascent

Atomic Energy of Canada Limited
344 Slater Street
Ottawa, Ontario K1A 0S4

BIOSCOPE

BIOSCOPE is published quarterly for the Metro Ottawa Biotechnology and Life Sciences Initiated by the Ottawa Carleton Research Institute and the Ottawa-Carleton Economic Development Corporation. For more information on biotechnology and life science contact:

BIOSCOPE

c/o Ottawa Carleton
Research Institute
340 March Road, 4th Floor
Kanata, Ontario K2K 2E4
Tel: (613) 592-8160
(613) 236-3500

OCEDCO

111 Lisgar Street, 2nd Floor
Ottawa, Ontario K2P 2L7

BUSINESS OPPORTUNITIES QUARTERLY

A listing of various opportunities, some of which involve technology transfer. Small annual subscription fee.

The Bank of Nova Scotia

Canadian Commercial Banking
Scotia Plaza

100 Yonge Street, Suite 602
Toronto, Ontario M5H 1H1

Tel: (416) 866-4285

Fax: (416) 866-4839

Tlx: 0622106

Cable: SCOFORX

COMMUNIQUE

A quarterly newsletter published by the Research Centre for Management of New Technology (REMAT). Covers various topics related to new technology implementation and adoption, news releases from numerous associations and up and coming events.

The Research Centre for Management of New Technology (REMAT)

Wilfrid Laurier University
Waterloo, Ontario N2L 3C5

Tel: (519) 884-1970 Ext. 2662

Fax: (519) 884-8853

THE CORPUS ADMINISTRATIVE INDEX

Index lists key officials in federal and provincial departments, agencies, boards, commissions and crown corporations in Canada. Information available includes name, title, address and phone, telex and fax numbers. Updated every three months.

The Corpus Administrative Index

1450 Don Mills Road
Don Mills, Ontario M3J 2X7

Tel: (416) 442-2122

Fax: (416) 442-2200

Tlx: 06-966612

CPI NEWSBRIEF

Monthly newsletter featuring advances in plastics technology and resulting business opportunities. No charge. Available in French or English.

Canadian Plastics Institute

1262 Don Mills Road
Don Mills, Ontario M3B 2W7
Tel: (416) 441-3222

DATABASE OF DATABASES

Offered in 230 file by DIALOG. Detailed information on 4,500 commercial data bases on-line or not, including corresponding print-outs. Database of Database is the on-line version of Computer-Readable Databases: A Directory and Data Source Book, published by Gale Research Inc.

Database of Databases

Gale Research Inc.
Book Tower
Detroit, Michigan
USA 48226
Tel: (313) 961-2242
1-800-877-4253

DEPARTMENT OF EXTERNAL AFFAIRS - DIRECTORY OF CANADIAN TRADE COMMISSIONER SERVICES

Directory lists External Affairs and International Trade Canada's Trade Commissioners responsible for promoting Canadian trade, investment and tourism. Contacts in Canada and around the world are provided. Directory of Canadian Trade Commission Services

External Affairs and International Trade Canada

125 Sussex Drive
Ottawa, Ontario K1A 0G2
Tel: (613) 993-6435
Toll Free: 1-800-267-8376

E.L. LITTLEJOHN & ASSOCIATES LTD. - PUBLISHERS AND CONSULTANTS

E.L. Littlejohn & Associates produces trade and technology publications, including: The Canadian R&D Directory (ISSN 1183-1677); OTTAWA R&D Report (ISSN 0380-6251); The Canadian International Trade Directory (ISSN 1180-0828); The Canadian Free Trader and Supplement (ISSN 0381-4527 & 1183-2088)

Edward L. Littlejohn, President

E.L. Littlejohn and Associates Ltd.
151 1/2 Bank Street
Ottawa, Ontario K1P 5N7
Tel: (613) 235-9183
Fax: (613) 594-3857

EUREKA! THE CANADIAN INVENTORS NEWSLETTER

A quarterly newsletter featuring articles on current Canadian innovations. No charge.

Canadian Industrial Innovation Centre

156 Columbia Street West
Waterloo, Ontario N2L 3L3
Tel: (519) 885-5870
Toll Free: 1-800-265-4559

FOCUS

Provides information relevant to women inventors including notices of seminars/workshops and publications.

Women Inventors Project

22 King Street South, Suite 500
Waterloo, Ontario N2J 1N8
Tel: (519) 746-3443

GOVERNMENT FUNDING: HOW TO TAP THE RESOURCES

Publication notes a number of government initiatives and programs and identifies contacts for obtaining further information. Lists federal government programs as well as programs in Atlantic Canada, Western Canada, Ontario and Quebec.



**Government Funding:
How to Tap The Resources**
Canadian Plastics Institute
1262 Don Mills Road Suite 48
Don Mills, Ontario M3B 2W7
Tel: (416) 441-3222
Fax: (416) 441-1208

INNOVATION SHOWCASE
A quarterly newsletter of particular interest to small and medium sized enterprises (SME'S). Information featured includes news, events, activities, services, and seminars of the Canadian Industrial Innovation Centre and other organizations in the innovator/entrepreneur assistance community.

**Canadian Industrial
Innovation Centre**
156 Columbia Street West
Waterloo, Ontario N2L 3L3
Tel: (519) 885-5870
Toll Free: 1-800-265-4559

INNOVATIONS
A publication listing hundreds of Canadian government technologies available for licensing. Cost for binder is \$12. Regular updates mailed to subscribers at no charge. Marketing and Licensing

**Canadian Patents and
Development Limited**
275 Slater Street
Ottawa, Ontario K1A 0R3
Tel: (613) 990-6100

**JAPAN TRADE
COUNCIL NEWSLETTER**
ISSN 0045-4214
Tel: (613) 233-4047
Fax: (613) 233-2256

THE LOOKING GLASS
A newsletter published by Information Technology Research Centre (ITRC), a Centre of Excellence supported by the Province of Ontario through the Premier's Council. Reports on relevant advances in

innovative fundamental and applied research information technology.
The Looking Glass
Information Technology
Research Centre (ITRC)
777 Bay Street Suite 401
Toronto, Ontario M5G 2C8
Tel: (416) 978-7203
Fax: (416) 978-7207

THE MARKET PLACE
An Ontario government newsletter listing manufacturing, joint venture, licensing and invention opportunities from around the world. Available Ontario production facilities, merger and acquisition, subcontract and agent/distributor opportunities are also listed. Only available in Ontario. No charge. Ten issues per year.

Government of Ontario
Business Development Branch
Ministry of Industry,
Trade and Technology
Room 755, Hearst Block,
Queen's Park
Toronto, Ontario M7A 2E1
Tel: (416) 324-4515

**'OFFERS': LICENSING
OPPORTUNITIES AND
PRODUCT REQUESTS AND
EXPORT OPPORTUNITIES**
A catalogue published several times per year by a Canadian technology transfer consulting firm, established in 1975. No charge for subscription.

Lomar Associates
1384 Tyandaga Park Drive
Burlington, Ontario L7P 1N3
Tel: (416) 336-0002
Tlx: 061-8673
LOM (Fell-Fab)

**SCIENTIFIC AND
TECHNICAL SOCIETIES
OF CANADA 1988**
Includes national, provincial and regional associations devoted to a scientific, technical or medical discipline(s). A keyword out of context

(KWOC) subject index an index to societies publication are included. Published every 2 years.
**Scientific and Technical
Societies of Canada 1988**
Canada Institute for Scientific and Technical Information (CISTI)
National Research Council
of Canada
NRC no. 30087
Tel: (613) 993-2441 English
(613) 993-2528 French

SELECTED TITLES
Lists the most popular publications and periodicals produced by the Government of Canada. Section on Science and Technology is relevant. Published twice yearly.
**Publicity and Promotion/
Marketing Group**
Canadian Government
Publishing Centre
45 Sacre-Coeur Blvd.
Hull, Quebec K1A 0S7
Tel: (613) 956-1599
(613) 956-4749

SMALL BUSINESS WORLD
Magazine is published 6 times per year. Advertising space is available for interested firms. Contains feature articles on subjects such as franchising. Cost is \$10 per year or \$18 for 2 years. Foreign rates are US\$15 and US\$23. Single copies are \$2 each.

Small Business World
P.O. Box 228 Station "A"
Ottawa, Ontario K1N 8V2
Tel: (613) 733-4260

TECHNOLOGY FOCUS
Newsletter published three times per year by the Department of Energy Mines and Resources. Distributed free of charge to industrial clients, research organizations, and interested parties, it deals in opportunities for cooperative research, technology transfer and the development and application of new technology

through communications with CANMET and its clients. Clients are invited to send articles to the editor on achievements and interests.

Technology Focus

Technology Marketing Division
Canada Centre for Mineral &
Energy Technology (CANMET)
555 Booth Street
Ottawa, Ontario K1A 0G1
Tel: (613) 992-6211
Fax: (613) 952-2587

TECHNOLOGY PROSPECTING ABROAD

Document describes technological trends and research programs in the US, Japan, France, West Germany, the UK, the European Community, Belgium and the Netherlands. Technology Prospecting Abroad Science and Technology Division (TDS)

External Affairs and International Trade Canada

125 Sussex Drive
Ottawa, Ontario,
CANADA K1A 0G2
Tel: (613) 996-4160

TECHNOLOGY SOURCE

Newsletter published 10 times annually by the Canadian Manufacturing Advanced Technology Exchange (CAN-MATE) at a subscription fee of \$40. It covers various topic areas related to new technology, including university activities. Also available in database form through DATAPAC. ISSN 0840-9358.

Canadian Manufacturing Advanced Technology Exchange (CAN-MATE)

One Yonge Street, 14th Floor
Toronto, Ontario M5E 1J9
Tel: (416) 363-7261
1-800-268-8177

TECHNOLOGY TODAY

Technology magazine published by Ortech International.

ORTECH International

Sheridan Park Research Community
2395 Speakman Drive
Mississauga, Ontario L5K 1B3
Tel: (416) 822-4111
Fax: (416) 823-1446

TECHNOLOGY VENTURING IN CANADA: A DIRECTORY OF FEDERAL RESEARCH ESTABLISHMENTS BY PROVINCE AND DEPARTMENT

Part I consists of a handbook on the diffusion of technologies from federally funded research. Part II, which forms the major portion of this publication, consists of an annotated directory of federal research establishments by province and department. Prepared by Denzil Doyle for the Ministry of State for Science and Technology (1986).

Business Services Centre

Industry, Science and Technology Canada (ISTC)
235 Queen Street (ZBUS)
Ottawa, Ontario K1A 0H5
Tel: (613) 995-5771

WASTEWATER TECHNOLOGY CENTRE NEWSLETTER

Newsletter produced four times annually by the Wastewater Technology Centre, a Canadian government research facility and part of Environment Canada's Conservation and Protection Service, at no charge. The focus of the newsletter is on research and development of environmental protection technology in areas related to water pollution control and waste management. No Charge.

Wastewater Technology Centre

P.O. Box 5050
867 Lakeshore Road
Burlington, Ontario L7R 4A6
Tel: (416) 336-4588
Tlx: (416) 336-4765

WAVES

A newsletter from the Institute for space and Terrestrial Science (ISTS), an Ontario Centre of Excellence. Waves

Institute for Space and Terrestrial Science (ISTS)

4850 Keele Street
North York, Ontario M3J 3K1
Tel: (416) 736-5681
Fax: 736-5010

■ Québec

CENTRE FRANÇAIS DE COOPÉRATION INDUSTRIELLE (CFCI)

Report on products for licensing, produced in Montreal and is affiliated with l'ACTIM in Paris. Each item is listed by a number and name and short description of the product is included.

Centre Français de Coopération Industrielle (CFCI)

20 Elgin CP 218
Place Bonaventure
Montréal, Québec H5A 1A9
Tel: (514) 861-8471
Tlx: 055-61761

■ Saskatchewan

THE LEADING EDGE

Saskatchewan Science and Technology newsletter is published bi-monthly to serve Saskatchewan's advanced technology industry.

The Leading Edge

15 Innovation Boulevard
2nd Floor SEDCO Centre
Saskatoon, Saskatchewan
S7N 2X8
Tel: (306) 933-7211



PRAIRIES WATER NEWS

Prairie Water News is dedicated to the protection and improvement of rural water supplies. The articles are written by concerned farmers, researchers, industry and government extension people. The newsletter is published bi-annually and is co-sponsored by Alberta Agriculture, PFRA, Sask Water and the Saskatchewan Research Council. Subscriptions (\$5.00/yr) can be arranged by writing:

Prairie Water News

c/o Saskatchewan Research Council Communications
15 Innovation Boulevard
Saskatoon, Saskatchewan
S7N 2X8

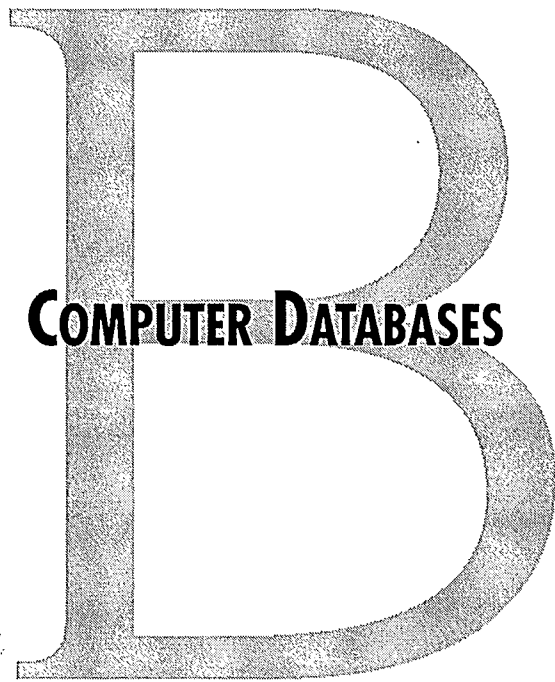
SRC NEWS

SRC News features programs and services applying science and technology for Saskatchewan's development. It is published quarterly and distributed to a controlled circulation.

J.R. MacIntosh

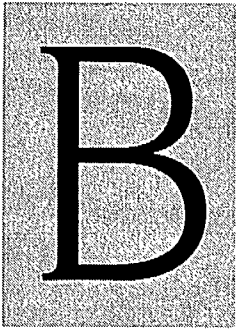
Manager, Communications

SRC News
Communications Department
Saskatchewan Research Council
15 Innovation Boulevard
Saskatoon, Saskatchewan
S7N 2X8
Tel: (306) 933-7422
Fax: (306) 933-7896



COMPUTER DATABASES





COMPUTER DATABASES

Eligible entries in this category include computer databases which were substantially created and are currently maintained by Canadian organizations and which can be utilized or accessed by the public in the search for new products or technologies.

Thousands of computer databases exist in Canada and internationally to assist firms seeking contacts, information and external help in innovation, technology transfer and successful product development. These databases can provide a wide range of information relative to technology transfer, including such things as identification of new technology opportunities, market information and identification of expertise.

- A number of selected databases have been grouped into the following categories: Food and Beverages, Electronics, Energy, Cosmetics, Advanced Industrial Materials, Technology Exhibitions, Patents and Trademarks, General, Forest Products, News, Robotics, Computers, Communications, Aerospace, Biotechnology, Aquatic Sciences, Agriculture, Consultants, Medicine/Health, Information Sciences, Construction, Business and Defense.
- Specialized knowledge and skills are required to effectively and economically search these databases. Such expertise is listed in Section D.
- Many of these databases are accessed through a relatively small number of on-line service systems or "hosts", which contain a large number of databases covering a wide range of categories or fields. Some of these include:
- CAN/OLE - accesses a wide range of scientific and technical data. Contact: (613)993-1210
- DIALOG INFORMATION SERVICES INC. - accesses over 300 bibliographic and textual databases and provides international coverage in scientific and business fields. Subscription fee: \$US25. Usage rates range from \$.58 to \$2.55/min. Contact: (416) 593-5211

- DATA STAR - accesses European information. Licenses databases in such things as business, science and technology.
Contact: Laupenstr. 18
CH-3008 Berne, Switzerland
Tel: 031-659 111
- BRS INFORMATION TECHNOLOGIES - accesses more than 500 international databases in biomedicine, science, technology, business, economics, social science, the humanities, etc.
Contact: 8000 Westpark Dr.
McLean, VA USA 22100
Tel: (703) 442-0900
- NEWSNET, INC. - accesses newsletters and other specialized business information.
Contact: 945 Haverford Rd.
Bryn Mawr, PA USA 19010
Tel: (215) 527-8030

■ "GENERAL" NEW PRODUCT / NEW TECHNOLOGY DATABASES

These databases are non-specialized by technical category and thus may include listings that vary from electronic devices to new materials to chemical process catalysts and beyond. Many governments and national business organizations develop such databases as an aid to diffusing technological innovation developed by their nationals. A number of private technology consulting firms also have developed such "general" databases.

Most of these "general" databases are not "on-line" and thus must be accessed by contacting the appropriate organization by telephone / fax/telex/ mail. The Technology Inflow Program (TIP), with officers stationed at various Canadian embassies, can assist in accessing

many of these databases in foreign countries. (refer to section J for more information)

The longest established of the "general" new product/new technology databases is:

APPLIED SCIENCE & TECHNOLOGY INDEX

Online Service: WILSONLINE
Contains about 272,000 citations to articles, book reviews, interviews, new product reviews, and selected editorials and letters to the editor in 336 English-language publications in the applied sciences and technology.

CANADIAN INDUSTRIAL INNOVATION CENTRE (CIIC) - WORLD TECHNOLOGY DATABASE

The Canadian Industrial Innovation Centre (CIIC) is the Canadian representative for the U.S. firm Dvorkovitz & Associates. The World Technology Database contains

approximately 20,000 listings. Franchised affiliates in such countries as China, Czechoslovakia, Italy, Japan and USSR have been recently established, which should lead to further enrichment of the database over time. The database is expected to go on-line nationally.

Susan J. White, Manager - World Technology Database

World Technology Database
Canadian Industrial
Innovation Centre
156 Columbia St. West
Waterloo, Ontario N2L 3L3
Tel: (519) 885-5870
Fax: (519) 885-5729

CANTECH DATABASE

Database has more than 4000 advanced technology companies listed. Firms are from all segments of the Canadian high technology industry. Some topics covered are: computers, telecommunications, photonics, medical, artificial intelligence, advanced materials, and

biotechnology. Annual subscription fees, with extensive quarterly updates, are available for Cdn. \$7500.

Cantech Database

Hutchinson Research
2255 Sheppard Avenue East
Suite W407
North York, Ontario M2J 1Y3
Tel: (416) 498-5344

FOCUS ONLINE

Online Service: Focus Research Systems, a company of The Dun & Bradstreet Corporation (D&B). Contains information on computer hardware, software, data communications, telecommunications and office automation products installed or planned for purchase in approximately 350,000 companies.

UNIVRES (DIRECTORY OF FEDERALLY SUPPORTED RESEARCH IN UNIVERSITIES) (FORMERLY IEC)

Online Service: CISTI, Canadian Online Enquiry Service (CAN/OLE) Contains descriptions of approximately 180,000 university-based research projects sponsored by 36 funding agencies in Canada. This multidisciplinary database covers all individuals who receive Canadian federal grants. Corresponds to Directory of Federally Supported Research in Universities. Available in French and English.

SPECIFIC SECTOR NEW PRODUCT NEW TECHNOLOGY DATABASE

Limited to a specialized area or industry, such databases are frequently maintained by industry associations, research organizations or government departments.

B.C.

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BCBN is an "Electronic Marketplace" bringing together entrepreneurs and investors, manufacturers and markets, buyers and sellers, in a forum that is quick, easy to use, and cost effective. The network features information on: sales leads; investment ventures and public tenders; statistics; industry directories and company profiles; key contacts in B.C. and abroad; upcoming seminars, trade shows and exhibitions; and sources of business information and financial assistance. Customers can access BCBN information using online, direct document delivery "Opportunity Alert", or interactive voice response.

Marcis Esmits, Director, Corporate Information Management

B.C. Business Network
B.C. Trade Development Corporation
Suite 730, 999 Canada Place
Vancouver, British Columbia
V6C 3E1
Tel: (604) 844-1900
Fax: (604) 660-2457

N.S.

ENERGY NOVA SCOTIA

Online Service: QL Systems Limited Contains about 1700 citations to literature in the collections of the Nova Scotia Research Foundation and Nova Scotia Department of Mines and Energy. Emphasis is on renewable energy sources and conservation. Topics covered include solar energy, wind power, use of wood waste, heating systems, energy efficient housing construction, municipal energy management, and energy audits.

Ontario

COAL RESEARCH PROJECT (COALPRO)

An international inventory of research projects in coal science and technology as reported by government, universities and research establishments. The database contains current projects and those completed in the last four years. Coal Research Project (COALPRO)

Library Documentation & Service Division

CANMET 555 Booth Street
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Tel: (613) 995-4059
Fax: (613) 952-2587

COMMUNICATIONS & INFORMATION TECHNOLOGY DATABASE

This is a database that includes the technologies/inventions developed or under development at the Communications Research Centre (CRC) in Ottawa. A short technical description as well as possible applications is provided. CRC does leading-edge research in electronic components and devices, broadcast technologies and radio communications including satellite and wireless communications. Information on possible collaboration or licensing is available through the:

Technology Transfer Office

Communications Research Centre
3701 Carling Avenue
P.O. Box 11490, Station "H"
Ottawa, Ontario, Canada K2H 8S2
Tel: (613) 998-2321
Fax: (613) 998-3185

COMPUTER DATA BASES OF NEW TECHNOLOGIES

A database of information about Canada's eight Provincial Research Organizations. The Data base contains information on the expertise, facilities, and capabilities resident in the PRO's and gives names,

addresses and telephone numbers of appropriate contacts in response to keyword searches. The data base has been prepared and is maintained by the Association of Provincial Research Organizations in Ottawa

Mr. J.K. Pulfer

Association of Provincial
Research Organizations (APRO)
801-275 Slater Street
Ottawa, Ontario K1P 5H9
Tel: (613) 567-2993
Fax: (613) 236-3754

**ENERGY TECHNOLOGY
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Database is multinational containing energy technology literature from Canada, Japan, Denmark, the Federal Republic of Germany, Finland, The Netherlands, Norway, Spain, Sweden, United Kingdom and the United States. Includes journal literature, research reports, conference presentations and patents. Citations are in English with original language noted.

Energy Technology Database

Technology Information Division
Canada Centre for Mineral and
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555 Booth Street
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Tel: (613) 995-4059

**FOOD SCIENCE AND
TECHNOLOGY ABSTRACTS
(FSTA)**

Online Services: CISTI, CAN/OLE,
Data Star, DIALOG, DIMDI, ESA-IRS,
GEM Gesellschaft fuer elektronische
Medien, JICST, Knowledge Index
(Food 1), ORBIT Search Services,
STN International. Contains about
350 000 citations to worldwide liter-
ature in food science and technol-
ogy dealing with all human food
commodities and food processing.
CISTI accessible only in Canada.

FOREST

Online Service: ORBIT, Search
Service Contains over 19000 cita-
tions on wood and chemical forest
products covering the fundamental
properties of wood, management,
processes, and products. Main
emphasis is on solid wood products
and primary processing.

**ICC CANADIAN CORPORA-
TION DATABASE**

Online Service: Data Star, DIALOG
and Informart + Online Contains
descriptive and financial data for
about 7000 public, private and
Canadian government corporations.
English with some french.

IMPLEMENTECH

A database containing over 1000
annotated bibliographies dealing
with the implementation of change
in a technological environment. Can
be accessed by industry, technology
and key words.

**The Research Centre for Manage-
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Waterloo, Ontario N2L 3C5
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Fax: (519) 884-8853

**INDEX OF MINERAL
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(RESP)**

Index contains information on
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universities and federal and provin-
cial agencies. It includes bilingual
field names and category descrip-
tions. Documents contain contacts,
organizations, project type and the
commodity the project relates to.

**Index of Mineral Processing
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**INDEX OF MINING
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(RESM)**

Index contains information on pro-
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federal and provincial agencies,
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**Index of Mining Technology
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**INVENTORY OF CANADIAN
AGRI-FOOD RESEARCH
(ICAR)**

Online Service: CISTI, CAN/OLE.
Contains about 4400 references
to current agricultural and food
research and development projects
of the Canadian government.

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MATERIALS SELECTION
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A database for selecting plastics
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properties, and for providing infor-
mation on specific plastics such as
properties, costs, applications and
suppliers.

Canadian Plastics Institute
1262 Don Mills Road
Don Mills, Ontario M3B 2W7
Tel: (416) 441-3222

PUBLICATIONS OF THE INSTITUTE FOR RESEARCH IN CONSTRUCTION

Online Service: CISTI, Canadian Online Enquiry Service (CAN/OLE) Contains about 2600 citations, with abstracts, to theoretical and applied construction literature written or commissioned by the IRC. Covers structural engineering, materials science, construction science, building energy performance, fire research, and fire performance studies. Users can order documents online. Available in French and English.

TECHSTART DATABASE

Database links new product and technology opportunities with business resources worldwide. Members use database to broadcast or locate new products and technology opportunities and to become aware of state-of-the-art innovations from

around the world. Each technology found costs Cdn. \$150. Introduction to company, if desired is Cdn. \$500. Fees are charged for help with technology transfers or joint ventures.

Techstart Database

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Fax: (416) 367-3316
Tlx: 06-218110

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MediaBrief is intended to help product managers at high-tech companies in Canada build up their marketing efforts. The database features a comprehensive list of Contact people in the Canadian high-technology sector, including business

and trade publications, freelance writers, trade shows, industry associations, users' groups, and other resources.

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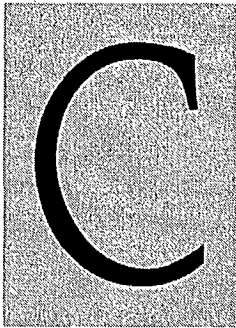
Database of offers and requests for technologies and new products from private or public sources since 1980. Records are saved for 3 years and database is updated twice monthly. Producer is Transinove International Co. of France.
IST Informatèque
1600 Henri Bourassa West
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Primary activities include identifying foreign technologies that have potential in Canada, selecting recipient Canadian companies, and effecting the transfer. Database and other services related to tech transfer are available.

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Calgary, Alberta T2N 1N4
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Fax: (403) 282-0095
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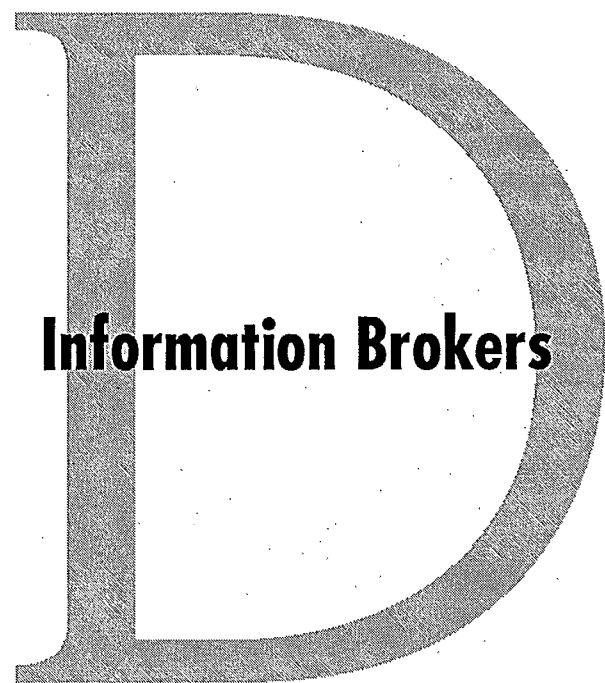
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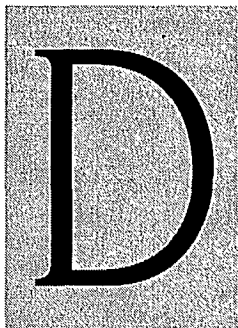
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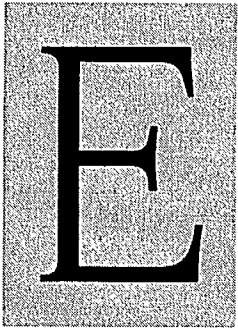
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Advanced Technology Centre**
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V6T 1X2

Tel: (604) 224-3221

Fax: (604) 224-3229

Tlx: 04-508552

and

Eastern Laboratory:

Forintek Canada Corporation

800 Montreal Road
Ottawa, Ontario K1G 3Z5

Tel: (613) 744-0963

Fax: (613) 744-0903

Tlx: 053-3606

**RESOURCE INDUSTRIES
TECHNOLOGY CENTRE**

An IRAP technology centre.

**Resource Industries
Technology Centre**

430 A McInroy Road
Prince George
British Columbia V2K 4L5
Tel: (604) 564-2662

■ **Manitoba**

**ATOMIC ENERGY OF
CANADA LIMITED -
WHITESHELL
LABORATORIES**

Many facilities at Whiteshell Laboratories are made available to external users. The laboratories offer commercial R&D services based on AECL's unique multidisciplinary problem-solving capabilities. Access to AECL Research technologies is also available via cooperative development projects, the sale or licensing of technologies and products, and technology transfer agreements.

Whiteshell Laboratories

AECL Research
Atomic Energy of Canada
Pinawa, Manitoba R0E 1L0
Tel: (204) 753-2311
Fax: (204) 753-8404

**THE BIOMASS ENERGY
INSTITUTE INC.**

The Biomass Energy Institute Inc.

1329 Niakwa Road East
Winnipeg, Manitoba R2J 3T4
Tel: (204) 257-3891

**CANADIAN FOOD
PRODUCTS DEVELOPMENT
CENTRE**

**Canadian Food Products
Development Centre**

810 Phillips Street
P.O. Box 1240
Portage la Prairie, Manitoba
R1N 3J9
Tel: (204) 857-7861

**MANITOBA RESEARCH
COUNCIL (MRC)**

The Manitoba Research Council (MRC) is an established industry-oriented science and technology agency of the Province of Manitoba. It plays a leading role in encouraging and facilitating applied research and technological development. Through its operating units and strategic alliances with other organizations, MRC assists industry to acquire and use technology, and to develop innovative products and systems. MRC provides information and advisory, consulting, product development and testing services in food technology from its facilities in Portage la Prairie, Manitoba, and in environmental chemistry, mechanical engineering and electronics engineering from its Winnipeg facilities. MRC also has cooperative initiatives with the University of Manitoba in the fields of biotechnology and advanced industrial materials, and with the National Research Council for the delivery of its Industry Research Assistance Program.

**Manitoba Research
Council (MRC)**

1329 Niakwa Road East
Winnipeg, Manitoba R2J 3T4
Tel: (204) 945-6000

OR

**Manitoba Research
Council (MRC)**

810 Phillips Street
Portage la Prairie, Manitoba
R1N 3J9
Tel: (204) 857-7861

■ **N.B.**

**MANUFACTURING
TECHNOLOGY CENTRE
NEW BRUNSWICK**

An IRAP Technology Centre
P.O. Box 4400
Fredericton, New Brunswick
E3B 5A3
Tel: (506) 453-4513

NB INNOVATION CENTRE

The Centre helps New Brunswick entrepreneurs, innovators and inventors to market new technologies. Its services include: inventorying and evaluating inventions and new concepts, facilitating potential entrepreneurs' access to business planning and to specialized marketing knowledge, identifying sources of financing and establishing contacts with these sources. Also published a newsletter entitled TEMPS INNOVATEURS three times a year.

N.B. Innovation Centre

124 Saint John Street
Fredericton, New Brunswick
E3B 4A7
Tel: (506) 453-7174
Fax: (506) 453-7956

**NEW BRUNSWICK
RESEARCH AND
PRODUCTIVITY COUNCIL**

Major R&D establishment serving a wide range of firms in many areas of technology. Numerous technical seminars are sponsored.



New Brunswick Research and Productivity Council
P.O. Box 6000
College Hill Road
Fredericton, New Brunswick
E3B 5H1
Tel: (506) 452-8994
Tlx: 014-46115

■ **Nfld.**

CANADIAN CENTRE FOR MARINE COMMUNICATIONS

The Canadian Centre for Marine Communications develops marine communications equipment, systems and services through cooperative projects with private industry and government agencies. C.C.M.C.'s Engineers, Technologists and Management Personnel. Transfer commercially viable technology from government laboratories to private industry. Undertake market-driven exploratory research. Engage in cooperative research and development projects with private industry and federal laboratories. Provide technical and marketing information to the Canadian marine communications industry. Maintain a licensed experimental marine radio facility, and a fully equipped laboratory with digital and analog test and measurement instrumentation.
P.O. Box 8454
St. Johns, Newfoundland
A1B 3N9
Contact: Wayne Bussey,
P. Eng President
Tel: (709) 579-4872
Fax: (709) 579-0495

CENTRE FOR COLD OCEAN RESOURCES ENGINEERING (C-CORE)

C-CORE, an engineering institute, undertakes research that contributes to the safe and economic development of Canada's ocean

resources. Working collaboratively with industry and government, it has developed a number of technologies which are being used commercially, others which are in the process of commercialization.

Dr. Jack I. Clark, Director
Centre for Cold Ocean Resources Engineering (C-Core)
Memorial University of Newfoundland
St. John's, Newfoundland A1B 3X5
Tel: (709) 737-8354
Fax: (709) 737-4706

NEWFOUNDLAND AND LABRADOR INSTITUTE OF FISHERIES AND MARINE TECHNOLOGY

Newfoundland and Labrador Institute of Fisheries and Marine Technology
P.O. Box 4920
St. John's, Newfoundland A1C 5R3
Tel: (709) 778-0200

NEWFOUNDLAND OCEANS RESEARCH AND DEVELOPMENT CORPORATION (NORDCO)

Newfoundland Oceans Research and Development Corporation
34 Glencoe Drive
P.O. Box 8833
St. John's, Newfoundland A1B 3T2
Tel: (709) 364-1200

SEABRIGHT CORP. LTD.

Seabright Corp. Ltd.
P.O. Box 4200
St. John's, Newfoundland A1C 5S7
Tel: (709) 737-4527

■ **N.S.**

ADVANCED MATERIALS ENGINEERING CENTRE (AMEC)

Provides consulting services, R&D and training with respect to engineering techniques involved in the production and fabrication of

advanced materials.
Advanced Materials Engineering Centre (AMEC)
Business Relations
P.O. Box 1618, Station "M"
Halifax, Nova Scotia B3J 2Y3
Tel: (902) 425-4500
Fax: (902) 422-7907

APPLIED MICROELECTRONICS INSTITUTE

An IRAP Technology Centre
1127 Barrington Street
Halifax, Nova Scotia B3H 2P8
Tel: (902) 421-1250

ATLANTIC INSTITUTE OF BIOTECHNOLOGY

An organization that provides project development, project management, commercial intelligence and financial assistance to private sector firms and associations. Projects may be research and development, technology transfer or both.
Atlantic Institute of Biotechnology
6093 South Street
Halifax, Nova Scotia B3H 1T2
Tel: (902) 421-1072

CANADIAN INSTITUTE OF FISHERIES TECHNOLOGIES

An IRAP Technology Centre
Technical University of Nova Scotia
1360 Barrington Street
P.O. Box 1000
Halifax, Nova Scotia B3J 2X4
Tel: (902) 429-8300

NOVA SCOTIA RESEARCH FOUNDATION CORPORATION

Major R&D establishment serving a wide range of firms in many areas of technology. Numerous technical seminars are sponsored.
Nova Scotia Research Foundation Corporation
101 Research Drive
Woodside Industrial Park
Dartmouth, Nova Scotia B2Y 3Z7

Tel: (902) 424-8670
 Fax: (902) 465-7384
 Tlx: 019-22719

TECHNOLOGY TRANSFER OFFICE

The Technology Transfer Office facilitates interaction between the Nova Scotia industrial and scientific communities. It can provide small high tech firms from Nova Scotia with marketing and general business advice, and assistance with arranging financing, not only government programs but often thorough private venture capitalists.

Technology Transfer Office

World Trade and Convention Centre
 6th Floor, 1800 Argyle Street
 P.O. Box 519
 Halifax, Nova Scotia B3J 2R7
 Tel: (902) 424-7381
 Fax: (902) 424-5739

Ontario

AGRICULTURE CANADA RESEARCH STATION

Conducts innovative research in crop breeding and new crop development, control of crop diseases and insect pests, cereals and oilseeds processing, crop management practices. The principal crops are oilseeds, cereals and forages. Integrated pest management systems rely on plant resistance and biological and chemical methods. The Experimental Farm at Scott conducts research on crop production systems, including weed control, and crop rotation practices.

Dr. R. E. Howarth, Director

Agriculture Canada
 Research Station
 107 Science Place
 Saskatoon, Saskatchewan S7N 0X2
 Tel: (306) 975-7014
 Fax: (306) 242-1839

ATOMIC ENERGY OF CANADA LIMITED - CHALK RIVER LABORATORIES (CRL)

CRL is involved in robotic technology to automate nuclear fuel processes. It is also involved in the development of computer-based systems for control of safety in non-nuclear applications with expertise in computer simulation and design. Many facilities at Chalk River Laboratories are made available to external users. The laboratories offers commercial R&D services based on AECL's unique multidisciplinary problem-solving capabilities. Access to AECL Research technologies is also available via cooperative development projects, the sale or licensing of technologies and products, and technology transfer agreements.

Chalk River Laboratories (CRL)

Atomic Energy of Canada Ltd.
 Chalk River, Ontario K0J 1J0
 Tel: (613) 584-3311

CANADA CENTRE FOR MINERAL AND ENERGY TECHNOLOGY (CANMET)

The major technology research arm of the Federal Government Department of Energy, Mines and Resources Canada. Extensive library and computer databases are maintained on worldwide technological developments. Technology transfer seminars and demonstration projects are held. Laboratories are located at Ottawa, Edmonton, Calgary, Elliot Lake, Cape Breton, and at the Sudbury-Blackill Research Laboratory of Laurentian University School of Engineering. Areas of activity include coal, oil, gas, domestic heating, uranium, mining, mineral refining, explosives and metallurgical research.

Canada Centre for Mineral and Energy Technology (CANMET)

Energy, Mines and
 Resources Canada
 Technology Information Division

555 Booth Street
 Ottawa, Ontario K1A 0G1
 Tel: (613) 995-4194

CANADIAN ADVANCED INDUSTRIAL MATERIALS FORUM (CAIMAF)

Provides information to firms on all aspects of international technical developments, processes and applications of advanced industrial materials.

Canadian Advanced Industrial Materials Forum (CAIMAF)

One Yonge Street, 14th Floor
 Toronto, Ontario M5E 1J9
 Tel: (416) 363-7261
 Fax: (416) 363-3779

CANADIAN GAS RESEARCH INSTITUTE

Performs research related to natural gas distribution and transmission. Includes research and development and general troubleshooting and problem solving.

Canadian Gas Research Institute

55 Scarsdale Road
 Don Mills, Ontario M3B 2R3
 Tel: (416) 447-6465

CANADIAN INDUSTRIAL INNOVATION CENTRE (CIIC)

CIIC assists innovators and provides specialized support services to technology entrepreneurs and small and medium-sized businesses to promote the commercialization of innovations and the launching of new businesses. Services offered include: assessing technical strengths, conducting market research, evaluating commercial potential, managing development and testing, assisting in venture planning, and providing training.



Canadian Industrial Innovation Centre (CIIC)
156 Columbia Street West
Waterloo, Ontario N2L 3L3
Tel: (519) 885-5870
1-800-265-4559
Tlx: 069-55259

CANADIAN INSTITUTE OF GUIDED GROUND TRANSPORT

Focuses on strategic requirements related to productivity and technology advances, improving management efficiency of R&D and developing programs for the rail industry relating to guided ground transportation in the North American context.

Canadian Institute of Guided Ground Transport
Queen's University
Kingston, Ontario K7L 3N6
Tel: (613) 545-2810

CANADIAN MANUFACTURING ADVANCED TECHNOLOGY EXCHANGE (CAN-MATE)

CAN-MATE is a national not-for-profit organization established by the Canadian Manufacturers' Association, the National Research Council and Industry, Science and Technology Canada. It is intended to provide advice and information to manufacturers relating to advanced technology for production and processing. With the growing emphasis on new technology as a competitive tool, access to relevant information is crucial. CAN-MATE's services provide you with powerful, customized information, while saving you time and money. In order to maintain their current levels of excellence, and to develop new resources to aid clients, CAN-MATE charges for some of its service on a fee-per-use basis. It also promotes cooperation between industry and appropriate CAD-CAM centres.

Canadian Manufacturing Advanced Technology Exchange (CAN-MATE)
One Yonge Street, 14th Floor
Toronto, Ontario M5E 1J9
Tel: (416) 363-7261
1-800-268-8177

CANADIAN PLASTICS INSTITUTE (CPI)

The Canadian Plastics Institute (CPI) explores the world for advanced plastics technologies and provides technical information on these opportunities to the plastics industry. Its focus is on small- and medium-sized plastics processors. The goal of the Institute is to help the plastics industry become more internationally competitive and responsive to environmental challenges. CPI is a program of the Society of the Plastics Industry of Canada in partnership with Industry, Science and Technology Canada. Technology is disseminated to industry in the following ways: computer data bases, a technical library, individual company visits, seminars and workshops, presentations to industry groups, participation in the NRC Field Advisory Service (IRAP), news-briefs, technical information bulletins, monographs, studies, seminar proceedings and other publications. All the technologies endorsed by the CPI have the following three characteristics: they are ahead of current Canadian methods; they have commercial or near-commercial status; the technology source is willing to license the technologies, sell them, or enter into a joint venture.

Canadian Plastics Institute (CPI)
1262 Don Mills Road, Suite 48
Don Mills, Ontario M3B 2W7
Tel: (416) 441-3222
Fax: (416) 441-1208

CENTRE FOR INDUSTRIAL AND TECHNOLOGICAL COOPERATION (CITEC)

CITEC was formed in Toronto by the Japan External Trade Organization (JETRO) in 1985. It encourages investment of capital for technological and industrial development in Canada and Japan. It fosters industrial cooperation and the exchange of technology between Canada and Japan and encourages joint ventures by Canadian and Japanese companies in the areas of technology and industry. They sponsor seminars, arrange factory tours, provide consulting services funding.

Centre for Industrial and Technological Cooperation (CITEC)

JETRO
151 Bloor Street West, Suite 700
Toronto, Ontario M5S 1T7
Tel: (416) 962-5050

COMMUNICATIONS RESEARCH CENTRE (CRC)

A Communications Canada research program consisting of a number of laboratories in areas such as Communications Devices and Components including research in monolithic microwave integrated circuits, very high speed digital integrated circuits, phased-array antennas, EHF components, optoelectronics, optical communications, photonics, new compound semi-conductor devices and reliability studies. It also performs research in Communications Technologies including satellite, terrestrial and wireless communications and radio propagation. Research is also carried out in Broadcast Technologies including advanced television and sound technologies and new broadcast media. This group has extensive testing facilities including an Advanced TV Lab with full HDTV testing capabilities. Also located at CRC is a full-service Technology

Transfer office which provides the necessary linkages between CRC and the private sector.

Communications

Research Centre (CRC)

3701 Carling Avenue
P.O. Box 11490, Station "H"
Ottawa, Ontario K2H 8S2
Tel: (613) 998-2321
Fax: (613) 998-3185

COMPUTER INTEGRATED MANUFACTURING

A CAD-CAM facility with a computerized machine shop. Designs and develops prototype parts. Provides training facilities for industry.

Computer Integrated Manufacturing

1276 Sandhill Drive
P.O. Box 7317
Ancaster, Ontario L9G 3N6
Tel: (416) 648-5011

DAVID FLORIDA LABORATORY

Assembly and environmental testing of spacecraft and related equipment.

David Florida Laboratory

Canadian Space Agency

3701 Carling Avenue
P.O. Box 11490, Station "H"
Ottawa, Ontario K2H 8S2
Tel: (613) 998-2383
Fax: (613) 998-2433

DIVISION OF MECHANICAL ENGINEERING (DME)

Maintains nine laboratories dedicated to basic and applied research in mechanical engineering. Companies can use DME laboratories and testing facilities for prototype testing and other activities on a fee-for-service basis. DME also provides technical support to firms that commercialize laboratory innovations.

Division of Mechanical Engineering (DME)

National Research Council Laboratories
Industrial Liaison Office

Building M-2, Montreal Road
Ottawa, Ontario K1A 0R6
Tel: (613) 993-2424

HARD MATERIALS RESEARCH INC.

Specializes in selection and development of abrasion and wear-resistant materials and products for the mining industry. Provides services related to wear problems, development of specialized hard materials, and testing of cemented carbide products.

Hard Materials Research Inc.

Boart Canada Inc.
24-42 South Sheridan Way
Mississauga, Ontario L5J 2M7
Tel: (416) 564-0505

HYBRIDOMA CENTRE

Consults for industrial and other clients in this bio-tech area.

Hybridoma Centre

401 Sunset Avenue
Windsor, Ontario N9B 3P4
Tel: (519) 253-4232

INNOVATION ONTARIO CORPORATION

Innovation Ontario Corporation
56 Wellesley Street West, 7th Floor
Toronto, Ontario M7A 2E7
Tel: (416) 963-5717
Fax: (416) 963-2088

INSTITUTE FOR CHEMICAL SCIENCE AND TECHNOLOGY

Carries out collaborative pre-competitive research that will contribute to the international competitiveness and growth of the Canadian chemical, petrochemical and petroleum processing industries.

Institute for Chemical Science and Technology

265 North Front Street, Suite 106H
Sarnia, Ontario N7T 7X1
Tel: (519) 339-4053

MANAGEMENT OF TECHNOLOGY AND INNOVATION INSTITUTE

Management of Technology and Innovation Institute

1276 Sandhill Drive
Ancaster, Ontario L9G 4V5
Tel: (416) 648-7344
Fax: (416) 648-7311

MANAGEMENT OF TECHNOLOGY AND INNOVATION INSTITUTE (MTI)

MTI is an independent, not-for-profit centre dedicated to training in the management of technological innovation. Jointly funded by industry, the Federal Government and McMaster University, MTI's mandate is to respond to the crisis in international competitiveness and technological exploitation faced by Canadian industry. Assists firms to acquire new skills required for exploiting new technology. Management education, educational materials, research and consulting services, and access to international practices are offered.

Management of Technology and Innovation Institute (MTI)

1276 Sandhill Drive
Ancaster, Ontario L9G 4V5
Tel: (416) 648-7344
Fax: (416) 648-7311

NATIONAL RESEARCH COUNCIL CANADA - INTELLECTUAL PROPERTY SERVICES OFFICE

The Intellectual Property Services Office offers, for licence, technologies developed in the National Research Council of Canada laboratories as well as in the laboratories of some other selected government departments.

Dr. Alec M. Bialski, Director Gerry W. Carisse

Intellectual Property Services Office
National Research Council Canada



Building M-58, Room EG-06
Ottawa, Ontario K1A 0R6
Tel: (613) 990-9547
(613) 993-9996
Fax: (613) 952-6082

OCM TECHNOLOGY INC.

An R&D Centre that provides technology transfer to industry, specializing in embedded microprocessor-based systems. Areas of work include: industrial control systems, data acquisition and control, and communications systems.

OCM Technology Inc.

17 Grenfell Crescent
Nepean, Ontario K2G 0G3
Tel: (613) 723-7499
Fax: (613) 723-7761

ONTARIO CENTRE FOR ADVANCED MANUFACTURING

Consulting and training services related to advanced manufacturing technology to industry. The CAD-CAM Centre, Cambridge, as well as the former Robotics Centre, Peterborough, are now part of this Centre. Also manages the Advanced Manufacturing Centre in Windsor.

Ontario Centre for Advanced Manufacturing

400 Collier MacMillan Drive
Cambridge, Ontario N1R 7H7
Tel: (519) 622-3100

ORTECH INTERNATIONAL (FORMERLY ONTARIO RESEARCH FOUNDATION)

Major R&D not-for-profit organization employing 380 staff. Founded in 1928, serves Canada and North America. Draws 70% of revenue from industry contracts. Serves a wide range of firms in many areas of technology. Numerous technical seminars are sponsored. Ortech International is a member of the TriMAC (Triad Market Access Consortium) network, whose collective goal is to promote business trans-

actions through mutual marketing and technology transfer.

W. David Heaslip, Vice President Corporate Marketing & Materials Technology

ORTECH International
Sheridan Park
2395 Speakman Drive
Mississauga, Ontario L5K 1B3
Tel: (416) 822-4111 Ext. 348
1-800-268-5390
Fax: (416) 823-1446

OTTAWA CARLETON RESEARCH INSTITUTE

Non-profit research co-operative involving two universities, a college and regional high technology industry. Major focus is on microelectronics, satellite communications, data communications, computer protocols, real-time microprocessing systems, artificial intelligence, CAD/CAM.

Ottawa Carleton Research Institute

1150 Morrison Drive, Suite 302
Ottawa, Ontario K2H 8S9
Tel: (613) 726-8827

OTTAWA CIVIC HOSPITAL

Research investigators affiliated with the University of Ottawa conduct basic and clinical research in neuroscience, reproductive biology, and endocrinology and metabolism.

Robert Hanion, Director

Research Programs
Loeb Medical Research Institute
Ottawa Civic Hospital
1053 Carling Avenue
Ottawa, Ontario K1Y 4E9
Tel: (613) 761-5079
Fax: (613) 761-9151

PRECARN ASSOCIATES INC. PRECARN

Associates was incorporated as a non-profit corporation in 1987. Its mission is to develop a better awareness and competence within Canadian industry of the current and

future potential of "intelligent systems" of all kinds, from the simplest expert system to the development and application of autonomous robotic devices. Intelligent systems was selected as the focus of the effort because of the leadership in the field in a number of Canadian universities and because of its broad generic nature; there is hardly a sector of the economy that will not feel the impact of automated intelligent devices. The process chosen to increase our collective competence was to bring a group of Canadian industries together to select and pursue a long-term, pre-competitive program of research in cooperation with experts within our universities and governments. PRECARN members join together in the planning, funding, and in the actual performance of the research, therefore providing a built-in capacity for knowledge dissemination to our industrial structure.

Mrs. Lise McCourt Manager, Corporate and Public Relations

PRECARN Associates Inc.
30 Colonnade Road
Suite 300
Nepean, Ontario K2E 7J6
Tel: (613) 727-9576
Fax: (613) 727-5672

THE RIVER ROAD ENVIRONMENTAL TECHNOLOGY CENTRE (RRETC)

Primarily concerned with technologies to monitor and control air pollutants and spills of oil and hazardous materials. Develops and demonstrates equipment and processes and provides a highly accessible information base in support of sound environmental management decisions.

**The River Road Environmental
Technology Centre (RRETC)**

3439 River Road 5
Ottawa, Ontario K1A 0H3
Tel: (613) 998-3671
Fax: (613) 998-0004

**SAMUEL LUNENFELD
RESEARCH INSTITUTE**

Terry Donaghue
Mount Sinai Hospital
600 University Avenue Room 970
Toronto, Ontario M5G 1X5
Tel: (416) 586-8225
Fax: (416) 586-8588

**TRANSPORTATION
TECHNOLOGY PROGRAM**

This program encompasses all of NRC's transportation equipment and safety activities. The program relies on facilities and staff of NRC division and institutes. Research activities relate to all modes of transportation, to multimodal system analyses and to generic technologies including computational fluid dynamics and machinery condition monitoring.

**Transportation
Technology Program**

National Research
Council Laboratories
Building M-16, Montreal Road
Ottawa, Ontario K1A 0R6
Tel: (613) 993-4175
(613) 993-9900
Fax: (613) 954-1473

UCCL

Technology for recovery of
halogenated hydrocarbons from
gas streams.

Dusanka Filipovic

UCCL
222 Newton Drive
Willowdale, Ontario M2M 2P3
Tel: (416) 488-1444 Ext. 1443
(416) 222-7930
Fax: (416) 488-4751
(416) 279-4119

**UNDERWRITERS' LABORA-
TORIES OF CANADA**

The laboratories test and certify devices, construction material and services to ensure that they meet firm, accident and construction standards.

**Underwriters'
Laboratories of Canada**

Head Office: 7 Crouse Road
Scarborough, Ontario M1R 3A9
Tel: (416) 757-3611
Fax: (416) 757-9540

Regional Contacts

Suite 2041 12-28th Street S.E.
Calgary, Alberta T2A 6J9

Suite 202
5311 boul. de Maisonneuve Ouest
Montréal, Québec H4A 1Z5

20131, 43A Avenue
Vancouver, British Columbia
V3A 4V4

**WASTEWATER
TECHNOLOGY CENTRE**

Focuses on the identification, characterization and control of toxic substances in wastewater discharges. Approves designs for marine sanitation devices, and develops programs for treatment plant operators.

Wastewater Technology Centre

Environment Canada (CCIW)
P.O. Box 5050
867 Lakeshore Road
Burlington, Ontario L7R 4A6
Tel: (416) 336-4599
Tlx: (416) 336-4765

**WELDING INSTITUTE
OF CANADA**

An industry supported non-profit Institute based on corporate and individual membership with a structure of local chapters across Canada. Advises, consults, and provides information to firms on all aspects of welding technology. Undertakes

sponsored research and development, laboratory investigations and structured training programs. Provides modular courses, publications and library services.

Welding Institute of Canada

Head Office
391 Burnhamthorpe Road East
Oakville, Ontario L6J 6C9
Tel: (416) 845-9881
Fax: (416) 845-9886
OR

Welding Institute of Canada

Québec Centre
2399 rue de la Province
Longueuil, Québec J4G 1G3
Tel: (514) 651-5086
Fax: (514) 651-5089

**WOMEN
INVENTORS PROJECT**

An organization to assist women inventors in successfully commercializing their inventions through such means as seminars, workshops and an information newsletter (Women Inventors Project - FOCUS). Stimulating more women to become inventors is also a major aim.

Women Inventors Project

22 King Street South, Suite 500
Waterloo, Ontario N2J 1N8
Tel: (519) 746-3443

■ Québec**CANADIAN WORKPLACE
AUTOMATION RESEARCH
CENTRE (CWARC)**

The Centre will act as a catalyst for technological developments in the important area of telecommunications. Its objectives are to provide leadership in applied research into computerized office systems and to utilize the related potential for enhanced productivity in the public and private sectors; to synthesize the needs of users and to contribute to problem-solving; to become the focal point of information exchange in the field of workplace automation

and to foster cooperation between experts and different client groups. Research areas include the Organizational Research Directorate, the Integrated Systems Directorate, the Advanced Technology Directorate and the External Cooperation Directorate. The Centre also has a list of publications available.

Canadian Workplace Automation Research Centre (CWARC)

1575 Chomedey Blvd
Laval, Québec H7V 2X2
Tel: (514) 682-3400

CENTRE DE DEVELOPPEMENT DES INDUSTRIES DE LA MODE (QUÉBEC)

555 rue Chabanel ouest
Bureau 800
Montréal, Québec H2N 2H8
Tel: (514) 384-9760

CENTRE DE PRODUCTION AUTOMATISEE

8475 avenue Christophe-Colomb
Montréal, Québec H2M 2N9
Tel: (514) 283-0348

CENTRE DE RECHERCHE INDUSTRIELLE DU MEUBLE ET DU BOIS OUVRE

765 rue Notre-Dame est
C.P. 98
Victoriaville, Québec G6P 6S4
Tel: (819) 758-8129

CENTRE DE RECHERCHE INDUSTRIELLE DU QUÉBEC (CRIQ)

Major R&D establishment serving a wide range of firms in many areas of technology. Numerous technical seminars are sponsored.

Centre de recherche industrielle du Québec (CRIQ)

333, rue Franquet
C.P. 9038
Sainte-Foy, Québec G1V 4C7
general info:
(418) 659-1550

industry info:
(418) 659-1558
OR

Centre de recherche industrielle du Québec (CRIQ)

8475, rue Christophe Colomb
B.P. 2000, succ. Youville
Montréal, Québec H2P 2X1
general info:
Tel: (514) 383-1550
industry info:
Tel: (514) 383-3240
Elsewhere in Québec:
Tel: 1-800-463-3390

CENTRE FOR INDUSTRIAL INNOVATION/MONTREAL (CIIM)

A non-profit organization which provides assistance for evaluating and improving the commercial potential of innovative new products and processes, and for planning the marketing of such. Services include a low-cost invention evaluation service, assistance in setting up R&D programs, seminars on technological innovation, project management, financial counselling and assistance in locating capital, partners, etc., and technology brokerage.

Centre for Industrial Innovation/Montréal (CIIM)

6600, Ch. de la Côte-des-Neiges
Suite 500
Montréal, Québec H3S 2A9
Tel: (514) 737-9883
Fax: (514) 737-1535
Tlx: 05826852

CENTRE QUEBECOIS DE PRODUCTIVITE DU MEUBLE ET DU BOIS OUVRE

85 St-Paul ouest
4e étage, suite B5
Montréal, Québec H2Y 3V4
Tel: (514) 844-2088

CENTRE SPECIALISE DE TECHNOLOGIE PHYSIQUE

140 4e avenue
La Pocathier, Québec G0R 1Z0
Tel: (416) 856-1525 Ext. 389

CENTRE TECHNOLOGIQUE DES MATERIAUX COMPOSITES (CTMC)

Centre technologique des matériaux composites (CTMC)

Cégep de Saint-Jérôme
455, rue Fournier
Saint-Jérôme, Québec J7Z 4V2
Tel: (514) 436-3042
Fax: (514) 436-1756

COMMUNIQUÉ: INDUSTRIAL MATERIALS RESEARCH INSTITUTE (IMRI)

Over 100 staff involved in basic and applied research in a wide variety of materials related areas, to develop new products and processes, in conjunction with industry, universities and other partners.

Communiqué Industrial Materials Research Institute (IMRI)

National Research Council (NRC)
75 de Montagne
Boucherville, Québec J4B 6Y4
Tel: (613) 993-4848

FOOD RESEARCH AND DEVELOPMENT CENTRE

State of the art facilities and expertise are available to assist the food processing industry. Information on a range of programs and services, including cost-sharing and strategic research, may be obtained by contacting.

3600 Casavant Boulevard West
Saint-Hyacinthe, Québec J2S 8E3
Tel: (514) 773-1105
Fax: (514) 773-8461

**GROUPEMENT QUÉBÉCOIS
D'ENTREPRISES**

99 rue Cormier
Drummondville, Québec
J2C 2M5
Tel: (819) 477-7535

**INDUSTRIAL MATERIALS
RESEARCH INSTITUTE
(IMRI)**

Conducts basic and applied research in the development, behavior and durability of metals, polymers, ceramics and composites. It has five research programs: Polymer and Composite Materials, Metals and Composites, Coatings and Ceramics, Instrumentation and Sensors, and Computer Integrated Material Processing. Technology transfer is emphasized and most projects are carried out with industrial partners.

**Industrial Materials
Research Institute (IMRI)**

National Research Council
Laboratories
75 de Mortagne Boulevard
Boucherville, Québec J4B 6Y4
Tel: (514) 641-2280

**INSTITUT DE SOUDAGE
DU CANADA**

2399 rue de la Province
Longueuil, Québec J4G 1G3
Tel: (514) 651-5086

**INTERNATIONAL
CENTRE GP**

Provides firms with information and training on major project management methodology.

International Centre GP

321, rue de la Commune ouest,
Bureau 200
Montréal, Québec H2Y 2E1
Tel: (514) 848-6100
Fax: (514) 848-9992

**TEXTILE TECHNOLOGY
CENTRE (TTC)**

The Textile Technology Centre was created to heighten the productivity

of the Canadian textile industry. It provides a full range of high calibre services, and develops activities related to technology transfer.

C. Martel

Textile Technology Centre
3000 Boule Street
Saint-Hyacinthe, Québec J2S 1H9
Tel: (514) 778-1870
Fax: (514) 773-9971

■ Sask.**AGRICULTURE
CANADA - REGINA
RESEARCH STATION**

Integrated management of weeds in cereals, field crops and native pastures, using cultural, biological and chemical technologies. Maintains specialized facilities for quarantine, application technology, residue chemistry.

Raj Grover, Director

Regina Research Station
Agriculture Canada
Box 440
5000 Wascana Parkway
Regina, Saskatchewan S4P 3A2
Tel: (306) 780-7453
Fax: (306) 780-7400

AG-WEST BIOTECH INC.

Ag-West Biotech is a non-profit company involved in Agricultural Biotechnology in Saskatchewan. Ag-West Biotech is involved in the commercializing of biotechnology by assisting with the transfer of technology to industry from research organizations in Saskatchewan. We also look for new technologies from other areas of Canada and internationally, that could be commercialized in Western Canada. Our mission is "To facilitate the use of Agricultural Biotechnology as a means of advancing the economic competitiveness of Saskatchewan agriculture and agribusiness".

Dr. Murray McLaughlin, President

Ag-West Biotech Inc.
105 - 15 Innovation Boulevard
Saskatoon, Saskatchewan S7N 2X8
Tel: (306) 975-1939
Fax: (306) 975-1966

BIOSTAR INC. BIOSTAR

was established in 1983 to commercialize research developments made by the Veterinary Infectious Disease Organization. BIOSTAR is a market-driven technology company focused on the development and production of advanced biological products to regulate the immune system of animals and humans. Products include cattle vaccines for respiratory diseases.

Dr. S. Acres

BIOSTAR INC.
Box 1000, Sub P.O. #6
Saskatoon, Saskatchewan S7N 0W0
Tel: (306) 966-7473
Fax: (306) 996-7478

**NUVOTECH VENTURES
INTERNATIONAL**

Nuvotech Ventures International is the wholly-owned commercialization arm of the POS Pilot Plant Corporation, an internationally-recognized contract research and development facility serving the agri-food industry. Nuvotech forms strategic partnerships and/or arranges for licensing agreements to bring together the necessary managerial and marketing expertise, along with the supply, distribution, manufacturing and financial resources required to take technologies out of the lab and put them into the marketplace. Through POS and other research institutions, POS lends the technology, technical support, and small-scale production capabilities to the partnership. Product can be produced, test-marketed, and modified to meet the standards demanded by consumers before a major capital expenditure is required - substantially reducing the risk of

commercializing a new technology.

Don Hrtyzak

Vice-President of Finance
and Business Development

Ron Mantyka

Business Development Officer

118 Veterinary Road

Room # 1 000

Saskatoon, Saskatchewan S7N 2R4

Tel: (306) 975-3761

Fax: (306) 975-3766

PHILOM BIOS INC.

Philom Bios develops, manufactures and markets biological input products for the domestic and international plant-growing industries. Our main market is the commercial agricultural industry, with secondary emphasis on the vegetable

and horticulture sectors. Products currently on the market include: preformulated rhizobium inoculants for peas and lentils, and for alfalfa, marketed under the trade name N-PROVE; and PROVIDE, a phosphate inoculant which improves the availability of soluble phosphate to growing plants.

John V. Cross, President

Philom Bios Inc.

104 - 110 Research Drive

Saskatoon, Saskatchewan S7N 3R3

Tel: (306) 975-7055

Fax: (306) 975-1215

**SASKATCHEWAN
RESEARCH COUNCIL**

Major R&D organization, applying science and technology for Saskatchewan development. Sponsors technical seminars, assists small business and serves a growing clientele in applied research.

Saskatchewan Research Council

15 Innovation Blvd.

Saskatoon, Saskatchewan S7N 2X8

Tel: (306) 933-5400

Fax: (306) 933-7446

Tlx: 074 2484

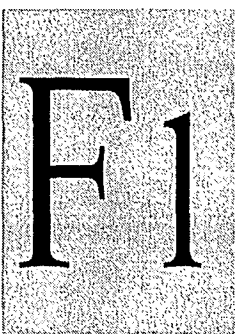


**UNIVERSITIES AS SOURCES
OF TECHNOLOGY**

F1: TECHNOLOGY TRANSFER OFFICES

F2: SPECIALIZED TECHNOLOGY CENTRES





UNIVERSITIES AS SOURCES OF TECHNOLOGY

F1: TECHNOLOGY TRANSFER OFFICES

This category describes the technology transfer, licensing or commercialization offices of Canadian universities.

■ Alberta

SOUTHERN ALBERTA INSTITUTE OF TECHNOLOGY

Southern Alberta Institute of Technology

Technology Development
International Education
1301 - 16th Avenue N.W.
Calgary, Alberta T2M 0L4
Tel: (403) 284-8791
Fax: (403) 284-7163
Tlx: 03-821989

UNIVERSITY OF ALBERTA

An active technology transfer program with industry is in place. Information on available technologies can be obtained.

University of Alberta

Office of Research Services
Technology Transfer Program
1-3 University Hall
Edmonton, Alberta T6G 2J9
Tel: (403) 492-5360
Fax: (403) 492-2230

UNIVERSITY OF CALGARY

Information service on technology licensing contracts and marketing.

University of Calgary

2500 University Drive North West
Calgary, Alberta T2N 1N4

UNIVERSITY TECHNOLOGIES INTERNATIONAL INC. (UTI)

A wholly-owned subsidiary of The University of Calgary, University Technologies International Inc. (UTI) provides research organizations with the means to transfer ideas and technologies to the private sector. UTI offers the following services to its clients: idea protection; assessment of the commercial potential of a product or technology; determination of economic feasibility; market analysis; recommendations on the most appropriate commercialization strategy (outright sale, licensing, setting up a joint venture, establishing a new business base); negotiation of a mutually acceptable agreement aimed at providing the inventor and the university with a fair return; and implementing and monitoring related functions (handling reporting

requirements, accounting, legal responsibilities, patent/copyright maintenance and records). UTI can provide a referral service both to faculty members interested in commercializing new technologies and to businesses pursuing new opportunities. Currently, the two founding clients of UTI are The University of Calgary (UC) and Foothills Provincial General Hospital (FPGH). UTI has licensing arrangements in place with a number of North American and European companies who are marketing technologies developed at the university or hospital. UTI is continuing to build up industry and government contacts so that it can encourage interaction between the university and external communities.

University Technologies International Inc. (UTI)

University of Calgary
2500 University Drive N.W.
Earth Sciences Building, Room 620
Calgary, Alberta T2N 1N4
Tel: (403) 220-3790
Fax: (403) 282-2585 (UC)
(403) 270-3236 (FHPG)

■ **B.C.**

BC ADVANCED SYSTEMS INSTITUTE (ASI)

Supports research in advanced systems disciplines (artificial intelligence, robotics, computer science, telecommunications and microelectronics) through collaborative efforts among British Columbia universities and industry for economic benefit to British Columbia.

BC Advanced Systems Institute (ASI)

3700 Gilmore Way, Suite 310
Burnaby, British Columbia V5G 4M1
Tel: (604) 435-0551
Fax: (604) 435-1173

BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

British Columbia Institute of Technology

3700 Wellington Avenue
Burnaby, British Columbia V5G 3H2
Tel: (604) 432-8373
Fax: (604) 436-0286

SIMON FRASER UNIVERSITY

Technology licensing and commercialization contact.

Simon Fraser University Industry Liaison Office

Room 3150
Burnaby, British Columbia V5A 1S6
Tel: (604) 291-4292
Fax: (604) 291-4054

UNIVERSITY OF BRITISH COLUMBIA

Research intensive university which offers study through 12 faculties: Agricultural Sciences, Applied Science, Arts, Forestry, Graduate Studies, Law, Commerce and Business Administration, Education, Dentistry, Medicine Pharmaceutical Science and Science. List of technologies available.

James W. Murray, Director
University of British Columbia
Office of Research Services and Industry Liaison
2194 Health Sciences Mall
I.R.C. Building, Room 331
Vancouver, British Columbia V6T 1Z3
Tel: (604) 822-8580
Fax: (604) 822-8589

UNIVERSITY OF VICTORIA

Technology licensing and commercialization contact.

University of Victoria

Office of Research Administration
P.O. Box 1700
Victoria, British Columbia V8W 2Y2
Tel: (604) 721-7973
Fax: (604) 721-8960

■ **Manitoba**

UNIVERSITY OF MANITOBA INSTITUTE FOR TECHNOLOGICAL DEVELOPMENT

The Institute was established in 1986 to facilitate the process of technology transfer and diffusion from the Faculty of Engineering and other units of the University of Manitoba to the private sector.

Institute for Technological Development

University of Manitoba
Engineering Building, Room 227
Winnipeg, Manitoba R3T 2N2
Tel: (204) 474-6200
(204) 474-8929
Fax: (204) 261-3475

UNIVERSITY OF MANITOBA: RESEARCH ADMINISTRATION

Research administration and industrial liaison information on grant-based research and contract research as well as technology licensing.

University of Manitoba

Office of Research Administration
Winnipeg, Manitoba R3T 2N2

Tel: (204) 474-9466
Fax: (204) 261-0325

UNIVERSITY OF MANITOBA: HEALTH TECHNOLOGY TRANSFER OFFICE

Established in 1987, the Office is responsible for health industry liaison, including: grant research, contract research, innovation licensing, and health research consulting. Information on available expertise and commercial innovations can be obtained.

University of Manitoba

Health Technology Transfer Office
Faculty of Medicine
753 McDermott Avenue
Chown Building, Room A108
Winnipeg, Manitoba R3E 0W3
Tel: (204) 788-6377
Fax: (204) 788-6489

■ **N.B.**

CENTRE DE RECHERCHE POUR LES ALIMENTS

Centre de recherche pour les aliments

Université de Moncton

Pavillian Jacqueline-Bouchard
Moncton, New Brunswick E1A 3E9
Tel: (506) 858-4284
Fax: (506) 858-4540

■ **Nfld.**

MEMORIAL UNIVERSITY OF NEWFOUNDLAND

Technology licensing and commercialization contact.

Memorial University of Newfoundland

Office of Research
Business Administration
Building, Room B1014
St. John's, Newfoundland A1B 3X5
Tel: (709) 737-8252
Fax: (709) 737-4612

■ N.S.

ACADIA UNIVERSITY

Technology licensing and commercialization contact. Faculty of Graduate Studies and Research.

Acadia University

Wolfville, Nova Scotia B0P 1X0
Tel: (902) 542-2201
Fax: (902) 542-7224

DALHOUSIE UNIVERSITY

The Office of Technology Transfer was established in 1988 to facilitate technology transfer and diffusion from the University's faculties, institutes and centres to the private sector. The main areas of research and development are pure and applied biology, chemistry, oceanography, geology, physics, engineering and mathematics; medicine, biomedicine and pharmaceuticals; dentistry; marine science and equipment development; development and application of computer based technology; technology management, transfer, and impact assessment; resource and environmental management. Companies are invited to submit listings defining their interests, in order to be advised as appropriate technologies emerge. For technology licensing and commercialization contact:

Dalhousie University

Office of Technology Transfer
6093 South Street
Halifax, Nova Scotia B3H 3J5
Tel: (902) 494-1648
Fax: (902) 494-5189
Tlx: 019-21863
DALUNIV HFX

MOUNT SAINT VINCENT UNIVERSITY

Technology licensing and commercialization contact.

Mount Saint Vincent University

166 Bedford Highway
Halifax, Nova Scotia B3M 2J6
Tel: (902) 443-4450
Fax: (902) 445-3960

■ Ontario

CARLETON UNIVERSITY

Technology licensing and commercialization contact.

Carleton University

Faculty of Graduate Studies and Research
Dunton Tower, Room 1524
Ottawa, Ontario K1S 5B6
Tel: (613) 788-2517
Fax: (613) 788-2521

LAKEHEAD UNIVERSITY

Technology licensing and commercialization contact. Centre For Regional Development

Lakehead University

Centre for Regional Development
955 Oliver Road
Thunder Bay, Ontario P7B 5E1
Tel: (807) 343-8110
Fax: (807) 343-8023

LAURENTIAN UNIVERSITY

Technology licensing and commercialization contact.

Laurentian University

School of Graduate Studies and Research
Ramsey Lake Road
Sudbury, Ontario P3E 2C6
Tel: (705) 675-1151 Ext. 3204
Fax: (705) 673-6519

MCMASTER UNIVERSITY

Technology licensing and commercialization contact.

McMaster University

Research Services
1280 Main Street West
Hamilton, Ontario L8S 4L8
Tel: (416) 525-9140 Ext. 4740
Fax: (416) 521-0689

QUEEN'S UNIVERSITY

Technology licensing and intellectual property managed by PARTEQ Innovations. Research contacts by PARTEQ and/or Office of Research Services, Queen's University.

Queen's University

Kingston, Ontario K7L 3N6
Tel: (613) 545-2342
Fax: (613) 545-6300

RYERSON POLYTECHNICAL INSTITUTE

Technology licensing and commercialization contact.

Ryerson Polytechnical Institute

Office of Research and Innovation
350 Victoria Street
Toronto, Ontario M5B 2K3
Tel: (416) 979-5042
Fax: (416) 979-5336

UNIVERSITY OF GUELPH

A list of available technologies, entitled "Innovations", is available

University of Guelph

Office of Research
Guelph, Ontario N1G 2W1
Tel: (519) 824-4120 Ext. 2776
Fax: (519) 824-5236
Tlx: UOFG INAT GLPH
069-56645

UNIVERSITY OF OTTAWA EYE INSTITUTE

The Institute will welcome major clinical scientists and world-renowned ophthalmologists. It will promote advancements in the treatment and prevention of eye problems, while providing clinical diagnostics and treatment facilities to over 17,000 patients. One third of these activities will be devoted to basic and applied research with the emphasis on vision problems.

University of Ottawa Eye Institute

Ottawa General Hospital
501 Smyth Road
Ottawa, Ontario K1H 8L6

UNIVERSITY OF OTTAWA: RESEARCH SERVICES

The Office of Research Services handles technology transfer and licensing of university intellectual property to the private sector. It also provides information on areas of research expertise within the Uni-

versity and will arrange contacts between faculty members and companies interested in collaborative research.

University of Ottawa
Office of Research Services
115 Séraphin Marion
Ottawa, Ontario K1N 6N5
Tel: (613) 564-3282
Fax: (613) 564-5952

UNIVERSITY OF TORONTO

Technology licensing and commercialization contact.
University of Toronto
Office of Research Relations and Technology Transfer
27 King's College Circle
Toronto, Ontario M5S 1A1
Tel: (416) 978-6063
Fax: (416) 978-5821

UNIVERSITY OF WATERLOO TECHNOLOGY TRANSFER AND LICENSING OFFICE (TTLO)

The University of Waterloo, established in 1979 the Waterloo Centre for Process Development (WCPD) to facilitate the transfer and licensing of process engineering technology to the private sector. A Commercial Development Office (CDO) was created in 1985 to help identify commercially significant research-based technologies within the university and to assist in patenting, licensing and developing these same technologies. A feature of CDO activities had been commercial development via the formation of spin-off companies. In 1990 WCPD and CDO were amalgamated to form the Technology Transfer and Licensing Office (TTLO) at the University of Waterloo. The mission of the TTLO is "to facilitate the development and transfer of technology to industry and to generate income for reinvestment in the university research community".

Technology Transfer and Licensing Office (TTLO)

University of Waterloo
Needles Hall
Waterloo, Ontario N2L 3G1
Tel: (519) 888-4058
Fax: (519) 746-3575

UNIVERSITY OF WESTERN ONTARIO

Technology licensing and commercialization contact.
University of Western Ontario
Office of Research Services
Stevenson-Lawson Building,
Room 328
London, Ontario N6A 5B8
Tel: (519) 661-2161
Fax: (519) 661-3907

YORK UNIVERSITY

This university stresses the creation of satellite hightech enterprises from Ontario universities and research institutions. Rental space is available on campus for R&D activities.

York University
4700 Keele Street
North York, Ontario M3J 1P3

■ Québec

ÉCOLE POLYTECHNIQUE DE MONTRÉAL

Technology licensing and commercialization contact. Centre du développement technologique.

École Polytechnique de Montréal

Centre du développement technologique /
Technological
Development Centre
P.O. Box 6079, Station "A"
Montréal, Québec H3C 3A7
Tel: (514) 340-4720
Fax: (514) 340-4019

LAVAL UNIVERSITY

Laval University
Québec City, Québec G1K 7P4
Tel: (418) 656-2131
Fax: (418) 656-5902

MCGILL UNIVERSITY: I.R.-MCGILL

Offices of Industrial Research is divided into two sections: inventions and patents, and research contracts.

McGill University
Offices of Industrial Research /
Les Bureaux de la recherche
industrielle
3550 University Street West
Montréal, Québec H3A 2A7
Tel: (514) 398-4201 (I&P)
(514) 398-4200 (RC)
Fax: (514) 398-8479

UNIVERSITÉ DE MONTRÉAL

Technology licensing and commercialization contact.
Université de Montréal
Bureau de liaison / Liaison Office
Entreprise-Université
P.O. Box 6128, Station "A"
Montréal, Québec H3C 3J7
Tel: (514) 343-6786
Fax: (514) 343-2326

UNIVERSITÉ DU QUÉBEC EN ABITIBI- TEMISCAMINGUE

Technology licensing and commercialization contact.
Université du Québec en
Abitibi-Temiscamingue
42, rue Monseigneur
Rheume Est C.P. 700
Rouyn, Québec J9X 5E4
Tel: (819) 797-9290
Fax: (819) 825-6776
(Val d'Or)

**UNIVERSITÉ DU QUÉBEC
A RIMOUSKI**

Technology licensing and
commercialization contact.
Université du Québec à Rimouski
300, avenue des Ursulines
Rimouski, Québec G5L 3A1
Tel: (418) 723-1986
Fax: (418) 724-1525

**UNIVERSITÉ DU QUÉBEC
A CHICOUTIMI**

Technology licensing and
commercialization contact.
Université du Québec à Chicoutimi
555, boulevard de l'Université
Chicoutimi, Québec G7H 2B1
Tel: (418) 545-5011 Ext. 3227
Fax: (418) 545-5519

■ **Sask.**

**UNIVERSITY OF
SASKATCHEWAN**

Technology licensing and
commercialization contact.
University of Saskatchewan
Office of Research
Murray Building, Room 50
Saskatoon, Saskatchewan S7N 0W0
Tel: (306) 966-8576
Fax: (306) 966-5756



F2

UNIVERSITIES AS SOURCES OF TECHNOLOGY

F2: SPECIALIZED TECHNOLOGY TRANSFER CENTRES

This category describes the technology transfer, licensing or commercialization offices of Canadian universities.

■ Alberta

THE TECHNOLOGY DEVELOPMENT GROUP

Institute specializes in finalizing the last step which transforms technology into a marketable product. They assist in prototype and process design, development and testing, calibration and testing facilities, market analysis, etc.

The Technology Development Group

Southern Alberta
Institute of Technology
1301-16 Avenue N.W.
Calgary, Alberta T2M 1L4
Tel: (403) 284-8791

UNIVERSITY OF ALBERTA HOSPITALS

University of Alberta Hospitals

Technology Commercialization
Research and Technology
Department
8440 - 112th Street
Edmonton, Alberta T6G 2B7
Tel: (403) 492-6711
Fax: (403) 492-4351

■ Manitoba

INSTITUTE FOR TECHNO- LOGICAL DEVELOPMENT

Institute for Technological Development

Faculty of Engineering
University of Manitoba
Winnipeg, Manitoba R3T 2N2
Tel: (204) 474-6689
Fax: (204) 261-3475

■ Ontario

APPLIED ELECTROSTATICS RESEARCH CENTRE

The Applied Electrostatics Research Centre (AERC) provides research and development and consulting services to assist industry in the development of better techniques for using electrical forces to propel fine particulate matter along predefined trajectories. AERC's research has resulted in precise methods for controlling the movement of particulates such as aerosols, ink toners, water droplets and other fine materials, by applying electrical charges to the particulates. Drawing upon its international experience, AERC

offers industry assistance in the following areas: agricultural spraying, coating & painting, hazard detection and prevention, electrophotography, medical science, and aerospace applications.

Prof. Ion Inculet, Director

Applied Electrostatics
Research Centre
Faculty of Engineering Science
The University of Western Ontario
London, Ontario, Canada N6A 5B9
Tel: (519) 661-2002
Fax: (519) 661-3808
Tlx: 064-7134

BOUNDARY LAYER WIND TUNNEL LABORATORY (BLWTL)

The Boundary Layer Wind Tunnel is one of the world's leading facilities for modelling and studying the effects of wind action on structures. The laboratory's two tunnels have helped to pioneer a new understanding of many fields including the dispersion of pollutants, snow drifting, wind energy, wind/wave loading and other phenomena affected by the turbulent "boundary layer" of the wind near the earth's surface. For over twenty years, the

BLWTL team has applied innovative techniques and advanced skills to the areas of: wind effect on buildings and special structures, environmental problems, wind/wave interaction, wind climate studies, and other dynamic problems.

Dr. Alan G. Davenport, Director

The Boundary Layer
Wind Tunnel Laboratory
The University of Western Ontario
London, Ontario, Canada N6A 5B9
Tel: (519) 661-3338
Fax: (519) 661-3339
Tlx: 064-78585 LDN

**CENTENNIAL
COLLEGE CENTRE OF
ENTREPRENEURSHIP**

Intended to create an environment which is conducive to entrepreneurial activity. Centre provides support facilities, seminars and conferences, and a small business consulting centre will serve the Scarborough-East York area.

**Centennial College Centre
of Entrepreneurship**

Centennial College
41 Progress Court, Room E1-20
P.O. Box 631, Station A
Scarborough, Ontario M1K 5E9
Tel: (416) 439-7180
Fax: (416) 439-0219

**CENTRE FOR ADVANCED
TECHNOLOGY EDUCATION
(CATE)**

Centre offers seminar/workshops (1 to 5 days) in computer systems, light systems (lasers, fibre optics, etc.), most software packages, customized seminars, project management, and research projects.

**Centre for Advanced
Technology Education (CATE)**

Ryerson Polytechnical Institute
350 Victoria Street
Toronto, Ontario M5B 2K3
Tel: (416) 979-5106
Fax: (416) 979-5047

**CENTRE FOR MANUFACTURING
STUDIES**

Provides technical education and skills development ranging from entrepreneurship level to highly specialized courses for working managers and industry executives focusing on integrated manufacturing. Has robotic equipment from former Robotic Centre.

Centre for Manufacturing Studies

Sir Sandford Fleming College

743 Monaghan Road
Peterborough, Ontario K9J 5K2
Tel: (705) 876-1611
Fax: (705) 876-9423

**CENTRE FOR
RESOURCE STUDIES**

Provides information and analysis on mineral resource policy issues, carries out research relative to alternatives in the development and use of mineral resources and promotes exchange of information on different segments of Canadian industry.

Centre for Resource Studies

Queen's University
Kingston, Ontario K7L 3N6
Tel: (613) 545-2553
Fax: (613) 545-6651

**CENTRE IN MINING &
MINERAL EXPLORATION
RESEARCH (CIMMER)**

Provides research related to the minerals industries including new exploration, production and processing methods, worker health and safety, and the environment.

**Centre in Mining and Mineral
Exploration Research (CIMMER)**

Laurentian University
Ramsey Lake Road
Subdury, Ontario P3E 2C6
Tel: (705) 673-6572
Fax: (705) 675-1024

**CHEMICAL REACTOR ENGI-
NEERING CENTRE (CREC)**

The Chemical Reactor Engineering Centre (CREC) provides the petrochemical, chemical and energy industries with innovative reactor technology for the transformation of petroleum feedstocks or conversion of intermediate petrochemical products. CREC uses advanced computer modelling and scaled-down prototype units to develop optimal chemical processes to increase the reactor's energy efficiency and decrease the volume of pollutants released by the various chemical reactions. Developing efficient, safe and clean chemical reactors is at the heart of Chemical Reactor Engineering Centre's research and development. CREC's personnel offer help in the following technologies: fluidized bed reactors, catalytic cracking, hydrocarbon synthesis, catalyst preparation, particle classification, hydrocracking reactors, gasification, novel reactors, bubble columns and three phase fluidized beds. CREC is the only research group in Canada, and one of just three in the world.

Dr. Hugo de Lasa, Director

Chemical Reactor
Engineering Centre
Faculty of Engineering Science
The University of Western Ontario
London, Ontario
Tel: (519) 661-2144
Fax: (519) 661-3808
Tlx: 064-7134

**COMPUTER AIDED
PROCESS ENGINEERING
LABORATORY (CAPE LAB)**

This program brings the university, industry and government together to develop the next generation of design methods using computers. Industry can gain access to research through affiliate memberships and the visiting professionals program.

CAPE Lab also undertakes confidential contract research for industry. Expertise of Cape Lab Faculty lie in these areas. process synthesis, process simulation, process control and expert systems.

Computer Aided Process Engineering Laboratory (CAPE Lab)

c/o University of Waterloo
Department of
Chemical Engineering
Waterloo, Ontario N2L 3G1
Tel: (519) 885-1211 Ext. 2913
Fax: (519) 746-4979
Tlx: 069-552529

COMPUTER SYSTEMS RESEARCH INSTITUTE

Focuses on research and development in the design, implementation and operating characteristics of complex computing systems and promotes the use of such to business, governments and universities.

Computer Systems Research Institute

University of Toronto
Sanford Fleming Building
10 King's College Road
Toronto, Ontario M5S 1A4
Tel: (416) 978-5034
Fax: (416) 978-4765

COMPUTER SYSTEMS GROUP

Support group for computer applications and software development.

Computer Systems Group

University of Waterloo
200 University Avenue West
Waterloo, Ontario N2L 3G1
Tel: (519) 888-4004
Fax: (519) 746-5422

DESIGN AUTOMATION AND MANUFACTURING RESEARCH LABORATORY (DA&M)

Design Automation and Manufacturing (DA&M) Research Laboratory is a research and consulting laboratory dealing with all aspects of

design and manufacturing automation, computer aided design, computer aided manufacturing (CAD/CAM), applied artificial intelligence and expert systems. DA&M Research Laboratory conducts long-term basis research as well as applied research in the areas of design and manufacturing automation. Current activities of the group include design, robotics and manufacturing.

Prof. W.H. ElMaraghy, Ph.D., P.Eng. Director

Design Automation & Manufacturing Research Laboratory
Faculty of Engineering Science
The University of Western Ontario
London, Ontario
Tel: (519) 661-3121
Fax: (519) 661-3808
Tlx: 064-7134 UWO TEL LDN

DURHAM COLLEGE PRODUCTIVITY IMPROVEMENT CENTRE

The Centre is designed to offer public seminars and in-house customized training. Areas of expertise include statistical process control, designed experiments, production/inventory control, Autocad, and small business consulting.

Durham College Productivity Improvement Centre

Durham College
P.O. Box 385
2000 Simcoe Street North
Oshawa, Ontario L1H 7L7
Tel: (416) 576-0210
Fax: (416) 728-2530

EASTERN ONTARIO CENTRE OF ENTREPRENEURSHIP

Intended to help create an environment which is conducive to entrepreneurial activity in Eastern Ontario. Affiliated with St. Lawrence College, Queen's University and Loyalist College, the Centre provides current information, expertise,

support services and seminars for new entrepreneurs, college and university students and teachers of entrepreneurship in the region.

Eastern Ontario Centre of Entrepreneurship

275 Ontario Street, Suite 100
Kingston, Ontario K7K 2X5
Tel: (613) 546-2777
Fax: (613) 546-2882

ENTERPRISE YORK

Intended to create an environment which is conducive to entrepreneurial activity. Programs and a private sector incubation centre are available to start-up firms and to growth firms beyond the start-up phase.

Enterprise York

York University
Administrative Studies Building
4700 Keele Street, Room 230C
Downsview, Ontario M3J 1P3
Tel: (416) 736-5091
Fax: (416) 736-5772

FACSYM RESEARCH LIMITED

Faculty of Management Studies
University of Toronto
246 Bloor Street West
Toronto, Ontario M5S 1V4
Tel: (416) 978-2826

GEORGE BROWN INNOVATION CENTRE

Focusing on the transfer and commercialization of cogeneration and solar energy.

George Brown Innovation Centre

George Brown College
146 Kendal Avenue
Toronto, Ontario M5R 1Z1
Tel: (416) 944-4520
Fax: (416) 944-4638

GEOTECHNICAL RESEARCH CENTRE (GRC)

The Geotechnical Research Centre is recognized internationally for its experience in solving soil- and rock-related problems in civil, geotech-

nical and geological engineering. The group makes extensive use of computer modelling techniques, as well as laboratory and field study, to address problem in soil and rock mechanics as they affect structural design, environmental issues and geotechnical theory. The Geotechnical Research Centre offers highly specialized contract research, both theoretical and experimental, in the following areas of expertise: underground structures and soft ground tunneling; soil and foundation dynamics; dynamic soil-structure interaction; mineralogical/geochemical/environmental, clay/leachate compatibility; contaminant transport through soil/wast disposal; foundation engineering; stability of concrete dams on rock foundations; geosynthetics and reinforced soil.

Dr. R.M. Quigley, Director
Geotechnical Research Centre
Faculty of Engineering Science
The University of Western Ontario
London, Ontario, Canada N6A 5B9
Tel: (519) 661-3344
Fax: (519) 661-3808

**HUMBER COLLEGE
BUSINESS AND INDUSTRY
SERVICE CENTRE**

Provides hands-on customized training and seminars in a wide range of technology including computer integrated manufacturing and computer engineering. Specializes in cross training and re-skilling employees as industrial clients integrate new technology into their manufacturing process. Fully operational FMS training facility on site.

**Humber College Business and
Industry Service Centre**

205 Humber College Boulevard
Etobicoke, Ontario M9W 5S7
Tel: (416) 674-BISC
Fax: (416) 675-6681

**HUMBER COLLEGE
INNOVATION CENTRE**

The activities of this centre focus primarily on printing, publishing, production and video products.

**Humber College
Innovation Centre**

205 Humber College Boulevard
Etobicoke, Ontario M9W 5L7
Tel: (416) 674-5052

**INDUSTRIAL
RESEARCH INSTITUTE**

Contracts with companies, local industry and governments for testing and research related to air quality and environmental studies.

Industrial Research Institute

University of Windsor
Windsor Hall Tower, Room 418
Windsor, Ontario N9B 3P4
Tel: (519) 973-7032
Fax: (519) 973-7050

**INNOVATION NORTH
(THUNDER BAY)**

Provides bilingual evaluation and advisory services on marketing approaches and business plan development focusing on forestry and pulp and paper. (See also Northern Technology Transfer, sponsored by Laurentian University).

Innovation North (Thunder Bay)

c/o Lakehead University
Lutheran House
Thunder Bay, Ontario P7B 5E1
Tel: (807) 343-8110

INNOVATION YORK

Focusing on the encouragement of links between York's research strengths and industrial development in the private sector. There is University lab space for rent to pursue R&D activities.

Innovation York

York University

Farquharson Building, Room 117
4700 Keele Street
Downsview, Ontario M3J 1P3
Tel: (416) 736-5026

**INSTITUTE FOR
AEROSPACE STUDIES**

Engages in consulting and contract work in most fields of aerospace.

Institute for Aerospace Studies

University of Toronto
4925 Dufferin Street
Downsview, Ontario M3H 5T6
Tel: (416) 667-7712

**INSTITUTE FOR
COMPUTER RESEARCH**

Promotes and facilitates collaboration between industry and computer researchers at Waterloo University and participates in University-industry research projects.

Institute for Computer Research

University of Waterloo
200 University Avenue West
Waterloo, Ontario N2L 3G1
Tel: (519) 888-4530

**INSTITUTE FOR ENVIRON-
MENTAL STUDIES**

Focuses on the use of Inductively Coupled Plasma Emissions (ICP). Institute has developed a process which provides an accurate analytical capability for determination of up to 25 elements simultaneously.

**Institute for
Environmental Studies**

University of Toronto
Toronto, Ontario M5S 1A4
Tel: (416) 978-6526

**INTERFACE SCIENCE
WESTERN (ISW)**

Interface Science Western (ISW) is an interdisciplinary research unit specializing in the unique physical and chemical interactions that take place at the interface of differing materials. Applications to modem

materials and processes include the study of corrosion and catalytic phenomena, adhesion and friction, along with the fabrication and operation of microelectronic materials. Clients of the group have included major industrial concerns in manufacturing processes, microelectronics, thin-film technologies, communications and energy production. ISW operates a wide range of surface and near-surface characterization methods and is continually developing new ones. Through the connection between ISW and Ontario Centre for Materials Research, scientific collaborators and clients carry out long and short range research on the entire spectrum of modern materials: microelectronic materials, biomaterials, polymers, and composites, catalysts, high performance metals and alloys.

Prof. P.R. Norton (Chemistry)

Department of Chemistry
The University of Western Ontario
London, Ontario, Canada N6A 5B7
Tel: (519) 679-2111 Ext. 6349
Fax: (519) 661-3022

OR

Prof I.V. Mitchell (Physics)

Department of Physics
The University of Western Ontario
London, Ontario, Canada N6A 3K7
Tel: (519) 661-3393
Fax: (519) 661-2033

ISOTRACE LABORATORY

Analytical services relating to the micro-analysis of isotopes and rare atoms in environmental, geological, industrial and medical samples.

Isotrace Laboratory

University of Toronto
60 St. George Street
Toronto, Ontario M5S 1A7
Tel: (416) 978-2258

**LAKEHEAD UNIVERSITY-
CONFEDERATION
COLLEGE CENTRE OF
ENTREPRENEURSHIP**

**Lakehead University-
Confederation College**
Centre of Entrepreneurship
Lakehead University,
Confederation College
P.O. Box 398
Thunder Bay, Ontario P7C 4W1
Tel: (807) 475-6363

**MANUFACTURING
RESEARCH CORPORATION
OF ONTARIO**

A Centre of Excellence designed to stimulate world-class research and encourage transfer and diffusion of technology. Activities focus on pre-competitive manufacturing technology operations emphasizing computer integrated manufacturing.

**Manufacturing Research
Corporation of Ontario**

University of Toronto
5 King's College Road
Toronto, Ontario M5S 1A4
Tel: (416) 978-7198

**MCMASTER INSTITUTE
FOR POLYMER PRODUCTION
TECHNOLOGY**

Cooperates with private sector polymer producers to improve existing production processes. Also issues many technical reports available to member companies. Membership fee is \$15,000 per year. Computer models are free of charge to member companies or can be purchased separately by non-member companies.

**McMaster Institute for
Polymer Production Technology**

McMaster University
Building JHE, Room 136
1280 Main Street West
Hamilton, Ontario L8S 4L7
Tel: (416) 523-1643

**NATIONAL CENTRE FOR
MANAGEMENT RESEARCH
& DEVELOPMENT**

Involved in research into best practice approaches to management and to effectively disseminating these ideas to potential and practising managers. Activity areas include: Entrepreneurship, Productivity and International Business.

**National Centre for Management
Research and Development**

University of Western Ontario
London, Ontario N6A 3K7
Tel: (519) 661-3275

**NORTH BAY CENTRE OF
ENTREPRENEURSHIP**

Intended to create an environment which is conducive to entrepreneurial activity. The Centre will collect and publish a listing of entrepreneurial curricula support materials, make entrepreneurship courses available, assist high schools with entrepreneurial programs, and provide business and technical information assistance.

**North Bay Centre of
Entrepreneurship**

Canadore and Nipissing Colleges
P.O. Box 5001
North Bay, Ontario P1B 8K9
Tel: (705) 474-7600
Fax: (705) 474-2384

**NORTHERN TECHNOLOGY
TRANSFER (FORMERLY
INNOVATION NORTH
(SUDBURY))**

Provides research assistance, with emphasis on the minerals industries including feasibility analysis, market studies and matching funds proposals. Negotiates and manages research contracts with industry for the Centre in Mining and Mineral Exploration Research and the Faculty of Science and Engineering at Laurentian University.

Northern Technology Transfer

Laurentian University
 Ramsey Lake Road
 Sudbury, Ontario P3E 2C6
 Tel: (705) 673-6572
 Fax: (705) 675-1024

ONTARIO LASER AND LIGHTWAVE CENTRE

A Centre of Excellence designed to stimulate advanced research and encourage the transfer and diffusion of technology in the laser and lightwave field. A unique feature is the Central Facility which is a state-of-the-art facility providing a wide range of laser and lightwave technology services. These include engineering, feasibility studies, process and quality control procedure development, precision measurements using lasers, training and education, consulting and contract research.

Ontario Laser and Lightwave Centre

University of Toronto
 Department of Physics
 60 St. George Street
 Toronto, Ontario M5S 1A7
 Tel: (416) 978-2948
 Fax: (416) 978-3939

OTTAWA CARLETON RESEARCH INSTITUTE

Non-profit research co-operative involving two universities, a college and regional high technology industry. Major focus is on microelectronics, satellite communications, data communications, computer protocols, real-time microprocessing systems, artificial intelligence, CAD/CAM.

Ottawa Carleton Research Institute

1150 Morrison Drive, Suite 302
 Ottawa, Ontario K2H 8S9
 Tel: (613) 726-8827

PARTEQ INNOVATIONS

Manages technology transfer between the academic and research community and the industrial and business sector. Patents, licensing and research contacts all included.

PARTEQ Innovations

Queen's University
 Kingston, Ontario K7L 3N6
 Tel: (613) 545-2342
 Fax: (613) 545-6300

PARTEQ RESEARCH & DEVELOPMENT INNOVATIONS

PARTEQ is the Technology Transfer arm of Queen's University and is charged with identifying, protecting and commercializing technology developed at the University and its associated centres of excellence. Parteq may also offer similar services to entrepreneurs in Eastern Ontario.

John P. Molloy

Director of Commercial Development

Richard J. Hicks

Director of Patents & Licensing
 PARTEQ Research & Development Innovations
 Queen's University
 Kingston, Ontario K7L 3N6
 Tel: (613) 545-2342
 Fax: (613) 545-6853

PIEZOELECTRICITY RESEARCH LABORATORY

Piezoelectricity Research Laboratory
 York University
 Ross Building, Room 531 North
 4700 Keele Street
 Downsview, Ontario M3J 1P3

POWER ENGINEERING ANALYSIS AND RESEARCH LABORATORY (PEARL)

The Power Engineering Analysis and Research Laboratory (PEARL) undertakes research in the application of power electronics and new

control techniques to improve the operation of electrical power generation and transmission systems. Utilizing the latest in Flexible AC Transmission Systems (FACTS) technology, PEARL develops innovative high powered electronic devices which allow its clients to operate electrical power transmission systems with greater efficiency, reliability, stability and security. FACTS developed by PEARL help prevent black-outs and brown-outs within public utility and privately owned transmission systems. PEARL offers expertise in the following areas: static reactive power compensation, HVDC transmission, thyristor controlled phase shifters, AC systems, and simulations.

Prof. R.M. Mathur, Ph.D., P.Eng, Director

Power Engineering Analysis and Research Laboratory
 Faculty of Engineering Science
 The University of Western Ontario
 London, Ontario, Canada N6A 5B9
 Tel: (519) 661-2128
 Fax: (519) 661-3808
 Tlx: 064-7134
 E-Mail: SUMRIT @ UWOVAX.BITNET

THE RESEARCH CENTRE FOR MANAGEMENT OF NEW TECHNOLOGY (REMAT)

Assists small to medium sized manufacturing companies in effectively adopting and implementing new technologies. Committed to assisting industry in coping with change through a focus on strategic planning, and technological justification and training.

The Research Centre for Management of New Technologies (REMAT)

Wilfrid Laurier University
 Waterloo, Ontario N2L 3C5
 Tel: (514) 884-1970 Ext. 2662
 Fax: (514) 884-8853

**RYERSON
INNOVATION CENTRE**

Offers to the public, prototype development, contracts, research, patent searches and business plan preparation through a small business consulting service. It is an affiliate organization of the Canadian Innovation Centre in Waterloo.

Ryerson Innovation Centre
Ryerson Polytechnical Institute
350 Victoria Street
Toronto, Ontario M5B 2K3
Tel: (416) 979-5071

**SENECA COLLEGE OF
APPLIED ARTS AND
TECHNOLOGY**

Assists technology transfer through educational services in technology, health sciences, business and applied arts. Strong international program activity, training Canadians and foreign nationals in trade, management and technical matters. Information services available include technology review, business opportunity assessment, start-up planning and cultural and language advice. The College will arrange focused tours and study sessions in Canada and abroad. The College is affiliated with the Ontario Construction Innovation Centre.

**Seneca College of
Applied Arts and Technology**

Senior Dean,
International Programs
1750 Finch Avenue East
Toronto, Ontario M2J 2X5
Tel: (416) 491-5050
Fax: (416) 491-3081

**SURFACE SCIENCE
WESTERN (SSW)**

Surface Science Western (SSW) is a research and consulting laboratory dealing with all aspects of material surface properties. Processes such as corrosion, wear, adhesion, catal

ysis, electrical switching, mineral dressing and fixation all depends on surface chemical and physical properties. The team of research engineers, scientists and technologists at Surface Science Western carry out contract research for major Canadian and foreign industries in the microelectronic, metallurgical and mining sectors. In addition, the laboratory frequently undertakes shorter term consulting work for many local companies. Typical applications for the analyses performed by the lab include: analyzing defective painted surfaces; evaluating substrate cleaning procedures prior to painting, welding or thin film deposition; detecting contaminants on electrical contacts and semiconductor devices; measuring thin film composition and thickness on electronic devices; conducting corrosion and failure analysis of steam generator components; performing assays of problem mining ores for precious element distribution; and detecting process contaminants in plastics.

**Mr. R. Davidson Manager
of Scientific Operations**

Surface Science Western
The University of Western Ontario
London, Ontario, Canada N6A 5B7
Tel: (519) 661-2173
Fax: (519) 661-3486

**UNIVERSITY OF GUELPH
INNOVATION CENTRE**

A Centre for enhancing the innovation process within the community. Provides advice, counselling, technical and research support services. Also markets university technology and innovation developments. A listing of available technologies entitled Innovations can be obtained.

**University of Guelph
Innovation Centre**

University of Guelph
Guelph, Ontario N1G 2W1
Tel: (519) 824-4120 Ext. 2776
Fax: (519) 824-5236
Tlx: UOFG INAT GLPH
069-56645

**UNIVERSITY OF OTTAWA
INNOVATION CENTRE**

A Centre for enhancing the innovation process within the community. The Centre provides counselling, especially to inventors outside the university and helps to commercialize their inventions.

**University of Ottawa
Innovation Centre**

University of Ottawa
Vanier Hall
136 Jean-Jacques Lussier
Ottawa, Ontario K1N 6N5
Tel: (613) 564-5463

**UNIVERSITY OF OTTAWA
HEART INSTITUTE**

The Institute was established to provide patient care and undertake clinical and basic research in the field of heart disease. Areas of expertise include cardiac drugs, surgical techniques, cardiac devices including artificial hearts, biomaterials and biotechnology of cardiac systems.

**University of Ottawa
Heart Institute**

Director of Industrial Relations
Ottawa Civic Hospital
1053 Carling Avenue
Ottawa, Ontario K1Y 4E9
Tel: (613) 761-4721
Fax: (613) 729-3937

**UNIVERSITY OF TORONTO
INNOVATION FOUNDATION**

Focuses on patenting and licensing inventions from the University, and licensing software authored in the University.

**University of Toronto
Innovation Foundation**

University of Toronto
203 College Street, Suite 205
Toronto, Ontario M5T 1P9
Tel: (416) 978-5117
Fax: (416) 978-6052

**UNIVERSITY OF WATERLOO
CENTRE FOR INTEGRATED
MANUFACTURING (WATCIM)**

Mission is to advance state-of-the-art technologies through research and contractual endeavours with industry. Areas of expertise include: automated assembly and robotics, computer control of production processes, computer vision, discrete and continuous systems, machine intelligence and knowledge engineering, management systems etc.

**University of Waterloo Centre
for Integrated Manufacturing
(WatCIM)**

University of Waterloo
2724 Davis Centre
Waterloo, Ontario N2L 3G1
Tel: (519) 888-4599
Fax: (519) 888-6197

**UNIVERSITY OF WESTERN
ONTARIO - APPLIED
HEALTH SCIENCES**

Research in the Faculty of Applied Health Sciences focuses on devices and procedures to optimize rehabilitative therapy. The faculty has three departments: Communicative Disorders, Therapy and Physical Therapy. All are deeply involved in the design, evaluation and application of technology, extending into health-care

and educational settings. The Faculty of Applied Health Sciences collaborates with industry in the research and development of devices for rehabilitative therapies.

Daniel Ling

Dean Faculty of Applied
Health Sciences
Faculty of Applied Health Sciences
Elborn College
The University of Western Ontario
London, Ontario N6G 1H1
Tel: (519) 661-2105

**UNIVERSITY OF WESTERN
ONTARIO QUALITY CENTRE**

Focuses on statistically-based quality control methods.

**University of Western Ontario
Quality Centre**

University of Western Ontario
Engineering and
Math Sciences Building
London, Ontario N6A 5B9
Tel: (519) 661-3622

■ Québec

**CANADIAN ASSOCIATION
FOR COMPOSITE STRUC-
TURES AND MATERIALS
(CAC SMA)**

**Canadian Association for
Composite Structures and
Materials (CAC SMA)**

Concordia University
Department of Mechanical
Engineering, Room H-929
1455 de Maisonneuve

Boulevard West
Montréal, Québec H3G 1M8
Tel: (514) 848-3139
Fax: (514) 848-3494

**INSTITUT D'ORDNIQUE
DU QUÉBEC**

Institut d'ordnique du Québec
Collège Lionel-Groulx
150, rue Duquet
Sainte-Thérèse (Québec) J7E 5B3
Tel: (514) 437-1102

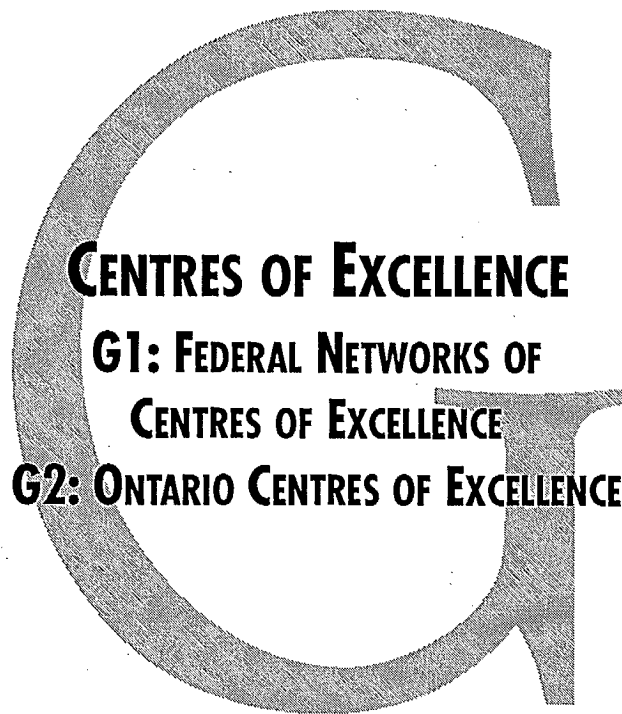
■ New Brunswick

FOOD RESEARCH CENTRE

The Food Research Centre had modern research facilities situated in the University of Moncton Campus. This specialized laboratory serves the food industry in New Brunswick and other Maritime provinces. It provides expertise in food related research and development. The Centre assists the food industry through transfer of technology and caters to it by offering customized new product development and solution to the industries technical questions.

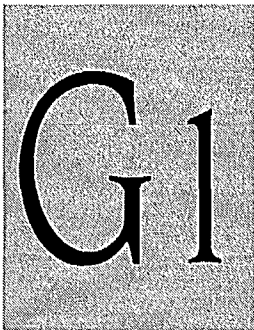
Food Research Centre

University of Moncton
Moncton, New Brunswick E1A 3E9
Jacquiline-Bouchard Pavillion
Tel: (506) 858-4284
Fax: (506) 858-4540

A large, stylized, grey letter 'G' with a textured, stippled appearance. The letter is centered on the page and serves as a background for the text.

CENTRES OF EXCELLENCE
G1: FEDERAL NETWORKS OF
CENTRES OF EXCELLENCE
G2: ONTARIO CENTRES OF EXCELLENCE





CENTRES OF EXCELLENCE

G1: FEDERAL NETWORKS OF CENTRES OF EXCELLENCE

Centres of Excellence can be valuable information sources for leading edge technologies. The Federal and Ontario Network bring together Canada's top researchers in industry, universities and government to focus on fundamental and long term applied research in selected areas as noted below.

NRC RESEARCH INSTITUTES

BIOTECHNOLOGY RESEARCH INSTITUTE

National Research Council
6100 Royalmount Avenue
Montreal, Quebec H4P 2R2
Tel: (514) 496-6100

INDUSTRIAL MATERIALS INSTITUTE

National Research Council
75 De Mortagne Boulevard
Montréal, Québec J4B 6Y4
Tel: (514) 641-2280

INSTITUTE FOR ENVIRONMENTAL CHEMISTRY

The Institute will increase NRC's commitment to environmentally-related research and development and maximize the impact of this work through extensive collaborations with industrial and government partners. It will focus on ways to help industry reduce the use of hazardous materials and improve methods for their control and

destruction. It will also strengthen data bases and help spread information on clean technologies.
Dr. Bryan Taylor

INSTITUTE FOR INFORMATION TECHNOLOGY

The Institute's program will include work in software engineering, knowledge-based systems, sensor-based automation, and systems integration. These fields account for many of the advances in manufacturing and processing techniques that define the productivity of major Canadian industries. The Institute will work with new research consortia and other partnership arrangements with clients in industry.

Mr. Alex Mayman
National Research Council

INSTITUTE FOR MARINE DYNAMICS

National Research Council
Kerwin Place and Arctic Avenue
Memorial University
St. John's, Newfoundland A1B 3T5
Tel: (709) 772-2479

INSTITUTE FOR MICROSTRUCTURAL SCIENCES

The Institute will be a leader in the development of new materials and devices for applications in strategic information technologies. It will collaborate with Canadian industry and provide a critical mass in R&D through directed research projects, joint development of key advanced technologies, and consultation in product development. The program will encompass artificially structured materials, devices and processes, device integration, circuit architecture, advanced networks, and exploratory applications.

Dr. Peter Dawson
National Research Council

INSTITUTE FOR NATIONAL MEASUREMENT STANDARDS

This Institute draws together all activities related to metrology to provide a basis for the National Measurement System of Canada.

Dr. Jacques Vanier
National Research Council

**INSTITUTE FOR RESEARCH
IN CONSTRUCTION**

National Research Council
Montreal Road Building M20
Ottawa, Ontario K1A 0R6
Tel: (613) 993-2607

**PLANT BIOTECHNOLOGY
INSTITUTE**

National Research Council
110 Gymnasium Road
Saskatoon, Saskatchewan
S7N 0W9
Tel: (306) 975-5248

**STACIE INSTITUTE FOR
MOLECULAR SCIENCES**

Institute is devoted to basic research of very high quality in the area of molecular science. Research programs will attract visiting researchers and graduate students from Universities as well as Canadian and foreign research organizations and will contribute scientific knowledge to support and reinforce other programs at NRC.

Dr. Marek Laubitz
National Research Council

Alberta

**CANADIAN NETWORK
FOR SPACE RESEARCH**

The network is concerned with increasing the understanding of how the hostile plasma of space affects satellites and other structures. It will use remote sensing to look at processes that take place in the middle atmosphere and in the polar environment. These findings may be critical to developing knowledge on global climate change and polar ozone depletion. The more applied aspects of the program will be directed at advances in space craft with the Canadian Space Agency, participation in international space science missions and close interaction with the industrial part-

ners on long-term fundamental studies. Participants include the Atmospheric Environment Service, Toronto; Canadian Astronautics Ltd., Ottawa; Com Dev Ltd., Cambridge; the Institute for Space and Terrestrial Science, Toronto; Itres Research, Calgary; Myrias corporation, Edmonton; the National Research Council; SED Systems Inc., Saskatoon, the Universities of Alberta, Calgary, Saskatchewan, Western Ontario and York.

Dr. Leroy Cogger
Canadian Network
for Space Research
Department of Physics
2500 University Drive N.W.
University of Calgary
Calgary, Alberta T2N 1N4
Tel: (403) 220-5386

B.C.

**BACTERIAL DISEASES:
MOLECULAR STRATEGIES
FOR THE STUDY AND
CONTROL OF BACTERIAL
PATHOGENS OF HUMANS,
ANIMALS, FISH AND
PLANTS**

The network focuses on bacterial attack and host response in different biological systems. The causative agents of human diseases as well as those affecting the agricultural and aquaculture industries will be studied. Participants include Chembiomed, Edmonton; Connaught Labs, Toronto; International Broodstock Technologies, Vancouver; Microteck R&D Ltd., British Columbia; National Research Council; the Universities of Alberta, British Columbia, Calgary, Guelph, Victoria, Laval and VIDO Saskatoon.

Dr. Robert Hancock
Bacterial Diseases: Molecular
Strategies for the Study and
Control of Bacterial Pathogens of

Humans, Animals, Fish and Plants
Department of Microbiology
University of British Columbia
Vancouver, British Columbia
V6T 1W5
Tel: (604) 228-3489

**CENTRE OF EXCELLENCE
FOR MOLECULAR AND
INTERFACIAL DYNAMICS**

The network will focus on reaction dynamics, which is a key to understanding such important processes as ozone depletion and atmospheric pollution. It will also look at the properties of surfaces and promises to be of great industrial relevance for the fabrication of new materials. Participants include the National Research Council and the Universities of British Columbia, Guelph, Montreal, New Brunswick, Ottawa, Saskatchewan, Sherbrooke, Toronto, Waterloo, Western Ontario, as well as Carleton, Dalhousie, Laval, McMaster and Queen's.

Dr. Terry Gough
Centre of Excellence for Molecular
and Interfacial Dynamics Department
of Chemistry
P.O. Box 3055
University of Victoria
Victoria, British Columbia
V8W 3P6
Tel: (604) 721-7150

**GENETIC BASIS OF HUMAN
DISEASE: INNOVATIONS
FOR HEALTH CARE**

The network will study the genes that directly cause or predispose humans to disease. The goal is to determine the biological function of each of the relevant genes and to discover how mutation in each causes disease. This research could lead to major commercial opportunities for Canada in the areas of DNA diagnostics and therapeutics. Participants include the Biomedical

Research Centre, Vancouver; the Clinical Research Institute, Montreal; the Universities of British Columbia, Calgary, Manitoba, Montreal, Ottawa, Quebec, Toronto, and Laval, McGill and Queen's.

Dr. Michael Hayden

Genetic Basis of Human Disease:
Innovations for Health Care
Department of Medical Genetics
University of British Columbia
Vancouver, British Columbia
V6T 2B5
Tel: (604) 228-7738

**PROTEIN ENGINEERING:
3D STRUCTURE, FUNCTION
AND DESIGN**

Protein engineering uses a variety of techniques to understand the functioning of proteins, and then to improve them by making systematic changes to their building block structure. Improved proteins can be of enormous benefit in the treatment of infectious diseases, and are also used in the food industry, the development of disease resistant crops and other industrial products such as converting agricultural and forest wastes into high-grade chemicals. Close industrial ties give the network an excellent potential for technology transfer and spin-offs. Participants include the Biomedical Research Centre, Vancouver; the National Research Council; and the Universities of Alberta, British Columbia and Toronto.

Dr. Michael Smith

Protein Engineering: 3D Structure,
Function and Design
Department of Biochemistry
University of British Columbia
Vancouver, British Columbia
V6T 1W5
Tel: (604) 228-4838

Ontario

**CANADIAN CENTRE FOR
CREATIVE TECHNOLOGY**

Shad Valley is a summer program in technology and entrepreneurship for outstanding senior high school students. Participants are selected for their demonstrated intellect, creativity, interpersonal skills, initiative and drive. High standing in Math and Science is important. Most students are sponsored to Shad Valley by private industry. Following the four-week academic portion of the program, students report to their sponsor for a paid work team, where they learn what it takes to really contribute in industry.

**Canadian Centre for Creative
Technology**

8 Young Street East
Waterloo, Ontario N2J 2L3

Contact: Dr. Tom Bryant

Tel: (519) 884-8844
Fax: 884-8191

**BIOTECHNOLOGY FOR
INSECT PEST MANAGE-
MENT**

The network is concerned with developing environmentally acceptable methods of pest control. Participants include Agriculture Canada, Forestry Canada, the National Research Council, the Universities of British Columbia, Calgary, New Brunswick, Ottawa, Toronto, Waterloo, Western Ontario, as well as Laval, Queen's and York.

Dr. Gerard Wyatt

Biotechnology for Insect
Pest Management
Department of Biology
Queen's University
Kingston, Ontario K7L 3N6
Tel: (613) 545-6120

**INSTITUTE FOR ROBOTICS
AND INTELLIGENT
SYSTEMS (IRIS)**

The network will operate as a separate component of Precarn Associates Inc., a consortium of 32 companies whose mission is to carry out advanced R&D in robotics and artificial intelligence. Participants include école Polytechnique, INRS Telecommunications, Technical University of Nova Scotia, PRECARN Associates Inc., the Universities of Alberta, British Columbia, Guelph, Montreal, Saskatchewan, Toronto, Victoria, Waterloo, Western Ontario, as well as Concordia, Laval, McGill, McMaster, Queen's, Simon Fraser and York.

Mr. Gordon MacNabb

Institute for Robotics and
Intelligent Systems (IRIS)
Precarn Associates Inc.
30 Colonnade Road
Nepean, Ontario K2E 7J6
Tel: (613) 727-9576
Fax: (613) 727-5672

**MICROELECTRONIC
DEVICES, CIRCUITS AND
SYSTEMS FOR ULTRA
LARGE SCALE INTEGRATION (ULSI)**

This technology is expected to become the mainstay of the next generation of telecommunications and computer systems and an area vital to the future of Canadian industry. The ULSI network ties together efforts in devices, circuits and systems, a truly coordinated and vertically integrated approach, with strong industrial participation. Participants include INRS-Energy, and the Universities of Calgary, Manitoba, Toronto, Victoria, Waterloo, Windsor, Carleton and McGill.

Dr. André Salama

Microelectric Devices, Circuits
and Systems for Ultra Large Scale
Integration (ULSI)
Department of

Electrical Engineering
University of Toronto
Toronto, Ontario M5N 2L2
Tel: (416) 978-8658

■ Québec

HIGH PERFORMANCE CONCRETE

The network links materials experts, designers and practitioners from seven universities and two construction firms. Researchers will investigate the whole concrete-making process from colloidal phenomena in fluid concrete through to problems in the design of large structures. Participants include Bickley and Associates, Toronto; Hardy BBT, Vancouver; the Universities of Alberta, British Columbia, Ottawa, Sherbrook, Toronto, and Laval, and McGill.

Mr. Pierre-Claude Aitcin
High Performance Concrete
Department of Civil Engineering
University of Sherbrooke
Sherbrooke, Québec J1K 2R1
Tel: (819) 821-7117

INSTITUTE FOR TELECOMMUNICATIONS RESEARCH

The network will focus on broad band and wireless communications, two rapidly growing areas that present the most important emerging markets for telecommunications over the next decade. Participants include Alberta Telecommunications Research Centre, INRS Telecommunications, the Universities of British Columbia, Montreal, Ottawa, Toronto, Victoria, Waterloo as well as Carleton, Concordia, Laval, McGill, McMaster and Queen's.

Dr. Maier Blostein
Institute for
Telecommunications Research

Department of
Electrical Engineering
McGill University
Montréal, Québec H3A 2A7
Tel: (514) 398-7116

NEURAL REGENERATION AND FUNCTIONAL RECOVERY

The object of the research is to promote nervous system regeneration and recovery of functions lost as a result of trauma or disease. A major reason for the permanent disabilities caused by brain and spinal cord injuries or by neurological disorders such as Alzheimer's and Huntington's disease is that damaged cells are not replaced nor do they restore connections with their natural targets. Major advances have been made recently in promoting the regrowth of the nervous system after injury. The field is expected to undergo further advances with the application of new techniques in molecular biology and genetic engineering. Participants include the Ludwig Institute, Montréal; the National Research Council, the Universities of Alberta, British Columbia, Calgary, Lethbridge, Manitoba, Montréal, Ottawa, Saskatchewan, Toronto as well as Carleton, Conocordia, Dalhousie, Laval, McGill and Queen's.

Dr. Albert Aguayo
Neural Regeneration and
Functional Recovery
Department of Neurology
McGill University
Montréal, Québec H3G 1A6
Tel: (514) 934-8060
OR

Mr. Yves Lamarre
Department of Physiology
University of Montréal
Montréal, Québec H3C 3J7
Tel: (514) 343-6366

OCEAN PRODUCTION ENHANCEMENT NETWORK (OPEN)

This is a network of university, industry and government scientists created to contribute to the economic health of Canada's fisheries. The initial focus of the program will be on two species of great commercial value - the sea scallop and the Atlantic cod. The scientists will investigate the processes which control the survival, growth, reproduction and distribution of fish and shellfish. The Network has the support of three of Canada's largest seafood companies, National Sea Products Ltd., Clearwater Fine Foods and Fishery Products International. Participants include Fisheries and Oceans Canada, the University of British Columbia, Dalhousie, Laval, McGill, and Memorial.

Dr. William Leggett
Ocean Production Enhancement
Network (OPEN)
Department of Biology
McGill University
Montréal, Québec H3A 1B1
Tel: (514) 398-4211

RESPIRATORY HEALTH NETWORK OF CENTES OF EXCELLENCE

The network is concerned with such things as improved patient care, reduced health care costs, new drugs to overcome airway blockage in cystic fibrosis and asthma, the development of new apparatus such as improved mechanical lung ventilators and lung testing kits, occupational safety and improvements to building ventilation and purification systems. Participants include Employment and Immigration Canada, Engineering Interface, North York; Graham and Bierman, Montreal; Merck Frosst, Pointe Claire; Trudeau Medical, London; the Universities of British Columbia, Calgary, Manitoba,

Montreal, Saskatchewan, Laval,
McGill, and McMaster.

Dr. Peter Macklem

Respiratory Health Network
of Centres of Excellence
Department of Medicine
McGill University
Montréal, Québec H2X 3J9
Tel: (514) 849-5201

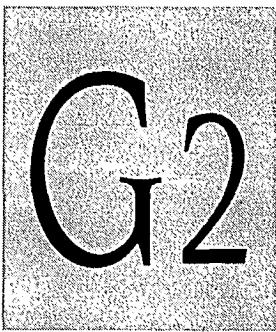
**SCIENCE AND ENGINEER-
ING FOR HIGH-VALUE
PAPERS FROM MECHANICAL
WOOD- PULPS**

The network's goal is to develop the mechanical pulping process so that it produces superior grade paper that will not yellow. The process relies on mechanical breakdown of wood fibres as opposed to chemical separation (Kraft process). It accepts a much wider range of common northern species, allows Canada to take advantage of its inexpensive hydro power, is less wasteful of trees and has lower start up costs. Participants include the National Research Council, the Pulp and Paper Research Institute of Canada, the Universities of British Columbia, Ottawa, Quebec, Toronto, Western Ontario, as well as Lakehead, McGill, McMaster, Mount Allison and Queen's.

Dr. Henry Bolker

Science and Engineering for
High-Value Papers From
Mechanical Wood-Pulps
Director of Academic Affairs
Pulp and Paper Institute of Canada
Montréal, Québec CANADA
570 St. John's Boulevard
Pointe-Claire, Québec H9R 3J9
Tel: (514) 630-4104





CENTRES OF EXCELLENCE

G2: ONTARIO CENTRES OF EXCELLENCE

Centres of Excellence can be valuable information sources for leading edge technologies. The Federal and Ontario Network bring together Canada's top researchers in industry, universities and government to focus on fundamental and long term applied research in selected areas as noted below.

■ Ontario

INFORMATION TECHNOLOGY RESEARCH CENTRE (ITRC)

A Centre of Excellence designed to stimulate world-class research and encourage the transfer and diffusion of technology. Research focuses on artificial intelligence, cognitive science and intelligent control; computer networks and communications; mathematics of computation, microelectronics and software systems and graphics.

Information Technology Research Centre

Davis Centre Room 1338
200 University Avenue West
University of Waterloo
Waterloo, Ontario N2L 3G1
Tel: (519) 888-4540

INSTITUTE FOR SPACE AND TERRESTRIAL SCIENCE

An Ontario Centre of Excellence intended to stimulate advanced world-class research, to increase the production of graduates with experimental experience in the

space sciences and engineering, and to encourage the transfer and diffusion of technology into industry. The institute, a consortium of four universities, a technical college and currently 19 member companies, supports academic and industrial research in the following disciplines: atmospheric and magnetospheric physics, remote sensing and image analysis, planetary and stellar astronomy, instrumentation, space technology and materials, human performance in space, and diagnostic laser, microwave and electro-optical technologies.

Institute for Space and Terrestrial Science

4850 Keele Street
Downsview, Ontario M3J 3K1
Tel: (416) 665-3311;
internet: ists.ists.ca
Fax: (416) 665-2032

INSTITUTE OF GROUND-WATER RESEARCH

A Centre of Excellence designed to stimulate world-class research and encourage the transfer and diffusion of technology. Research relates to

waste disposal and hazardous substances management, and the development of groundwater related equipment.

Institute for Groundwater Research

Physics Building Room 229
200 University Avenue West
University of Waterloo
Waterloo, Ontario N2L 3G1
Tel: (519) 885-1211

ONTARIO CENTRE FOR MATERIALS RESEARCH

A Centre of Excellence designed to stimulate world-class research and encourage the transfer and diffusion of technology. Research areas include biomaterials, metals and ceramics, polymers and composites, optoelectronics and interface science and technology.

Ontario Centre for Materials Research

Administrative Office
P.O. Box 1146
Kingston, Ontario K7L 4Y5
Tel: (613) 545-6490
Fax: (613) 545-6510

**ONTARIO LASER AND
LIGHTWAVE RESEARCH
CENTRE**

Centre of excellence designed to stimulate research and encourage the transfer and dissemination of technology in the field of laser and light waves. One of its unique features is the main establishment, which has facilities at the leading edge of technology and which provides a wide range of technological services concerning laser and light waves. These services include engineering, feasibility studies, the development of methods control and quality control procedures, precision measuring by means of lasers, training and education, consulting and research contracts.

**Ontario Laser and
Lightwave Research Centre**
University of Toronto
Department of Physics
60 St. George Street
Toronto, Ontario M5S 1A7
Tel: (416) 978-2948
Fax: (416) 978-3939

**PARTEQ RESEARCH &
DEVELOPMENT
INNOVATIONS**

PARTEQ is the Technology Transfer arm of Queen's University and is charged with identifying, protecting and commercializing technology developed at the University and its associated centres of excellence.

PARTEQ may also offer similar services to entrepreneurs in Eastern Ontario.

John P. Molloy
Director of Commercial
Development

Richard J. Hicks
Director of Patents & Licensing
PARTEQ Research &
Development Innovations
Queen's University
Kingston, Ontario K7L 3N6
Tel: (613) 545-2342
Fax: (613) 545-6853

**TELECOMMUNICATIONS
RESEARCH INSTITUTE OF
ONTARIO (TRIO)**

Assisted by a program of interaction with its industrial members, TRIO manages a \$5 million annual program of focused, world-class, precompetitive, university-based research in selected areas of telecommunications technology. This research has produced several intellectual properties which TRIO has available for license to industry. Jim McPherson, Director Member Services

**Telecommunications Research
Institute of Ontario**
627 Lyons Lane, Suite 100
Oakville, Ontario L6J 2Y2
Tel: (416) 842-7100
Fax: (416) 842-7110

**TELECOMMUNICATIONS
RESEARCH INSTITUTE OF
ONTARIO**

A Centre of Excellence designed to stimulate advanced world-class research, and the transfer and diffusion of technology. The centre will concentrate on research related to multi-service digital networks, radar systems, mobile satellite systems, etc.

**Telecommunications Research
Institute of Ontario**

Administration and Program
340 March Road, Suite 400
Kanata, Ontario K2K 2E4
Tel: (613) 592-9211
Fax: (613) 592-8163
OR

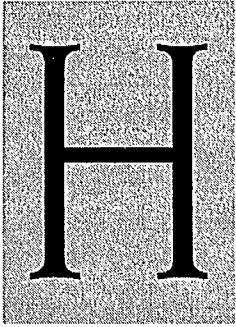
**Membership and
Technology Transfer**

627 Lyons Lane, Suite 100
Oakville, Ontario L6J 2Y2
Tel: (416) 842-7100
Fax: (416) 842-7110

III

NEW TECHNOLOGY EXHIBITIONS





NEW TECHNOLOGY EXHIBITIONS

This category identifies periodic trade fairs, exhibitions, conferences, and conventions, which principally focus upon the presentation of new technology-intensive products or services, licensing, or pre-commercial technology purchase opportunities originating in Canada.

Each year, thousands of trade fairs, exhibitions, conferences, and conventions, usually very sector specific (farm machinery, printing, lighting) are held in Canada and internationally. Much of the new technology related to a specific industry sector is introduced at such events. Therefore, the business person searching for new technological developments has to choose the events to attend that are most likely to produce results. Industry association officials and specialists at Industry, Science and Technology Canada (ISTC), the National Research Council (NRC) and other government departments can be of assistance in evaluating and selecting the events to be attended. In addition, several publications and at least one database are available which list and describe events.

There are also exhibitions solely devoted to displaying new technologies and innovations from a cross-section of industry sectors.

■ Ontario

ASSOCIATION OF PROVINCIAL RESEARCH ORGANIZATIONS (APRO)

A not-for-profit organization owned and operated by the Provincial Research Organizations. APRO is a national organization which promotes networking and cooperation between the PROs and specializes in the transfer of technology to small and medium sized enterprises across Canada. APRO works closely with the National Research Council's IRAP Program.

J.K. Pulfer

Association of Provincial Research Organizations (APRO)

801 - 275 Slater Street
Ottawa, Ontario K1P 5H9
Tel: (613) 567-2993
Fax: (613) 236-3754

CANADIAN INDUSTRY SHOWS AND EXHIBITIONS (QUARTERLY DIRECTORY)

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Circulation Department.

Canadian Advertising Rates & Data

Macleon Hunter Limited
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Toronto, Ontario M5W 1A7
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Fax: (416) 591-1240

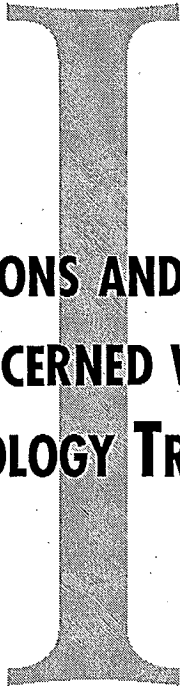
INTERNATIONAL EVENTS (ANNUAL DIRECTORY)

Available free of charge from Swissair.
Tel: (514) 879-1330

THE INTERNATIONAL TRADE FAIRS AND CONFERENCES DIRECTORY (ANNUAL)

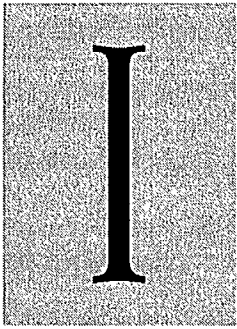
CO-MAR Management Services, Inc.
366 Adelaide Street East, Suite 339
Toronto, Ontario M5A 3X9
Tel: (416) 364-1223
Fax: (416) 364-6557





**ASSOCIATIONS AND SOCIETIES
CONCERNED WITH
TECHNOLOGY TRANSFER**





ASSOCIATIONS AND SOCIETIES CONCERNED WITH TECHNOLOGY TRANSFER

This category includes Canadian societies, associations, or interest groups whose membership and programs have a demonstrable interest or orientation toward the enhancement of technology transfer.

The most appropriate sources for identifying qualified specialists to handle the legal aspects of technology transactions are technology transfer specialists and organizations as listed in this publication. They can provide referrals and assessments of legal practitioners with the specialized qualifications and experience to meet specific needs.

The various organizations of lawyers located in each province (eg. the Law Society of Upper Canada, in Ontario) will provide referrals to lawyers that have identified themselves as having expertise/an interest in law dealing with technology. However, such referrals are usually made on a rotational basis, and not on the basis of qualitative criteria such as most years of experience or peer ratings.

The Canadian Patent Office in Ottawa, Enquiries Section (613) 997-1936, supplies a listing of Registered Patent Agents. Lawyers, and also engineers and other specialists, can qualify as Registered Patent Agents through success on the required written examinations, and are therefore deemed to be qualified in matters relating to patents. Those that are lawyers, can also provide other technology-related legal services. Registered Patent Agents are also knowledgeable of lawyers capable of providing other specialized technology-related legal services.

Many lawyers active in providing specialized technology-related legal services, are members of the Licensing Executives Society (LES) and are therefore listed in the LES Annual Directory of Membership and/or the LES International Technology Directory. LES has chapters in major Canadian cities and the Headquarters is listed in Section H of this publication.

■ Alberta

ASSOCIATION OF PROVINCIAL ORGANIZATIONS INC. (APRO)

A non-profit organization working to satisfy Canadian industrial needs in applied research, experimental development, technical services, and technology transfer, the Association of Provincial Organizations Inc. (APRO) is a national network of regional organizations dedicated to using science and technology for the economic and social development of Canada and the provinces. Through its member organizations, APRO operates applied research and testing laboratories throughout the country and specializes in services to small and medium-sized businesses.

Association of Provincial Organizations Inc. (APRO) (Alberta Centre)

Alberta Research Council (ARC)
250 Karl Clark Road
P.O. Box 8330 Station "F"
Edmonton, Alberta T6H 5X2
Tel: (403) 450-5111
Fax: (403) 461-2651
Tlx: (403) 037-2146

COPYRIGHTS, INVENTIONS, PATENTS ASSOCIATION OF CANADA (CIPAC)

Lilian E. Smith, Chairperson
Copyrights, Invention, Patents
Association of Canada
223 - 9A St. NW
Calgary, Alberta T2N 1T5
Tel: (403) 283-4190

■ B.C.

THE SOCIETY

Begun in 1983, the Society is a non-profit organization with a membership sharing common interests such as the promotion of innovative ideas and recognition of the need for technical, marketing and

financial expertise to support such creativity.

The Society

P.O. Box 5086
Vancouver, British Columbia
V6B 4A9
Tel: (604) 641-6325

■ National

CANADIAN STANDARDS ASSOCIATION

The Association establishes requirements for acceptable levels of safety and performance. It also tests and certifies products which conform to these standards

Canadian Standards Association

Head Office:
178 Rexdale Blvd.
Rexdale, Ontario M9W 1R3
Tel: (416) 747-4000
Fax: (416) 747-4149

REGIONAL OFFICES

Pacific Region

5760 Minoru Blvd
Richmond, B.C. V6X 2A9
Tel: (604) 273-4581

Western Region

1707-94th Street
Edmonton, Alberta T6N 1E6
Tel: (403) 450-2111

Prairie Region

50 Paramount Road
Winnipeg, Manitoba R2X 2W3
Tel: (204) 632-6633

Eastern Region

865 rue Ellingham
Pointe Claire, Québec H9R 5E8
Tel: (514) 694-8110

Atlantic Region

42A Shediac Road
Moncton, New Brunswick E1A 2R5
Tel: (506) 858-9300

LICENSING EXECUTIVES SOCIETY (LES)

LES (U.S.A. and Canada) is a professional society comprising over 2,800 members, most of whom are actively engaged on behalf of their employers or clients in the transfer of Intellectual Property. Members have significant responsibilities in the research, development, use and marketing of Intellectual Property. LES (U.S.A. and Canada) is a member of LES International, which has worldwide membership of over 6,000 members in 23 Societies, representing 59 countries. LES functions as a non-profit professional and educational society which encourages high standards and ethics among persons engaged in licensing and transfer of Intellectual Property. Through meetings, seminars, training courses and a yearly international conference, LES provides networking opportunities and assists its members in improving their skills and techniques. LES also encourages the publication of articles, reports, statistics and other materials. LES publications include: a quarterly journal, annual membership directory, newsletter, and International Technology Directory.

Licensing Executives Society - Canada

Philip T. Erickson, Vice-President
c/o Northern Telecom Limited
3 Robert Speck Parkway
Mississauga, Ontario L4Z 3C8
Tel: (416) 566-3252
Fax: (416) 566-3075

QUEBEC

Patrick E. Kierans

Ogilvy Renault
1981 McGill College Avenue,
Suite 1100
Montréal, Québec H3A 3C1
Tel: (514) 286-5424
Fax: (514) 286-5474

ONTARIO

Linda J. McCormick
Bronson Consulting Group
350 Sparks Street, Suite 610
Ottawa, Ontario K1R 7S8
Tel: (613) 787-2000
Fax: (613) 787-2011

W. Dennis Moss
Moss, Barrigar & Oyen
2 Robert Speck Parkway, Suite 1250
Toronto, Ontario L4Z 1H8
Tel: (416) 276-9000
Fax: (416) 362-0823

ALBERTA

Ade Ajao
Alberta Technology,
Research & Telecom.
10909 Japser Avenue, 11th Floor
Edmonton, Alberta T5J 3M8
Tel: (403) 422-0561
Fax: (403) 422-2003

Hugh Jones

University Technologies
2500 University Drive, N.W.
Calgary, Alberta T2N 1N4
Tel: (403) 220-3790
Fax: (403) 292-6139

BRITISH COLUMBIA

Alexander R. Szibbo
Russell & Dumoulin
1700 - West Georgia
Vancouver, B.C. V6E 3G2
Tel: (604) 688-3411
Fax: (604) 689-7503

N.S.

**INVENTORS' SOCIETY
OF NOVA SCOTIA**

Peter Zimmer
Inventor's Society of Nova Scotia
P.O. Box 31, 157 Robie R.P.O
Halifax, Nova Scotia B3K 5T9
Tel: (902) 454-4778

Ontario

ASM CANADA COUNCIL

ASM Canada Council
Products Service Metallurgy
Stelco Steel
P.O. Box 2030
Hamilton, Ontario L8N 3T1
Tel: (416) 528-2511 Ext. 2702
Fax: (416) 529-7485

**ASSOCIATION OF PROVINCIAL
RESEARCH ORGANIZATIONS (APRO)**

Association of Provincial Research
Organizations (APRO)
801-275 Slater Street.
Ottawa, Ontario K1P 5H9
Tel: (613) 567-2993
Fax: (613) 236-3754

**CANADIAN ASSOCIATION
ON WATER POLLUTION
RESEARCH AND CONTROL**

A non-governmental, non-profit
organization for scientists, engi-
neers, technologists, administrators
and students engaged or interested
in water pollution research and con-
trol. Its objectives are the promo-
tion of research on the scientific,
technological, legal and administra-
tive aspects of water pollution
research and control, the further
exchange of information and the
practical application of such
research for public benefit.

**Canadian Association on
Water Pollution**

Research and Control
c/o Wastewater
Technology Centre
P.O. Box 5050
867 Lakeshore Road
Burlington, Ontario L7R 4A6
Tel: (416) 336-4598
Fax: (416) 336-4765

**CANADIAN AUTOMATED
BUILDING ASSOCIATION
(CABA)**

Association is an independent, not-
for-profit organization, dedicated to
the development, promotion and
adoption of advanced technologies
for the automation of homes and
buildings. There is a fee to become
a member of association.

**Canadian Automated Building
Association (CABA)**

10 Carlson Court, Suite 500
Rexdale, Ontario M9W 6L2
Tel: (416) 674-7410
Fax: (416) 674-7412

**CANADIAN CERAMIC
SOCIETY (CCS)**

Canadian Ceramic Society (CCS)
2175 Sheppard Avenue East
Suite 110
Willowdale, Ontario M2J 1W8
Tel: (416) 232-3197
Fax: (416) 232-3059

**CANADIAN
MANUFACTURING
ADVANCED TECHNOLOGY
EXCHANGE (CAN-MATE)**

A not-for-profit organization estab-
lished by the Canadian Manufactur-
ers' Association in co-operation with
the National Research Council and
Industry, Science and Technology
Canada, CAN-MET helps Canadian
manufacturers access information
and expertise in regard to advanced
manufacturing technologies, as
applied to both process and prod-
uct. It provides these services with
the aid of databases, patent offices,
government and private sector
expertise. In order to maintain its
current levels of excellence, and
to develop new resources to aid
clients, CAN-MATE charges for some
services on a fee-per-use basis.

**Canadian Manufacturing
Advanced Technology
Exchange (CAN-MATE)**

One Yonge Street, 14th Floor
 Toronto, Ontario M5E 1J9
 Tel: (416) 363-7261
 1-800-268-8177
 Tlx: 065-24693

**CANADIAN UNIVERSITY -
INDUSTRY COUNCIL ON
ADVANCED CERAMICS**

**Canadian University - Industry
Council on Advanced Ceramics**
 280 Albert Street, Suite 904
 Ottawa, Ontario K1P 5G8
 Tel: (613) 230-0868
 Fax: (613) 230-9376

**ELECTRONIC NETWORK
OF ALBERTA**

The Electronic Network of Alberta is a group of applied science and research centres which are strategically linked and whose purpose is to meet the technological support and growth needs of industry. The members are active research centres in the following fields: electronics and microelectronics; lasers; telecommunications; robotics and automation technologies; and artificial intelligence.

Mr. John Beddoes

Electronics Network of Alberta
 1110-90 Sparks Street
 Ottawa, Ontario K1P 5B4
 Tel: (613) 237-2615
 Fax: (613) 563-9934

**MANUFACTURERS'
AGENTS' ASSOCIATION
OF NORTH AMERICA**

**Manufacturers' Agents'
Association of North America**
 15 Toronto Street, #200
 Toronto, Ontario M5C 2R1
 Tel: (416) 923-5819
 Fax: (416) 363-2248
 Tlx: 06-217622

**WOMEN
INVENTORS PROJECT**

The Women Inventors Project is funded through the Innovations Program of Employment and Immigration Canada. It offers a variety of services for both practising and aspiring women inventors, including workshop facilitation and training package. In addition to developing and publishing numerous publications and materials dealing with entrepreneurship and inventions, the project also profiles women inventors and their achievements.


**Lisa Avedon and
Shelly Beauchamp,
Project Directors**

Women Inventors Project
 22 King Street South
 Waterloo, Ontario N2J 1N8
 Tel: (519) 746-3443

■ Sask.**PRAIRIE IMPLEMENT
MANUFACTURERS ASSOCI-
ATION INNOVATIONS
DIVISION**

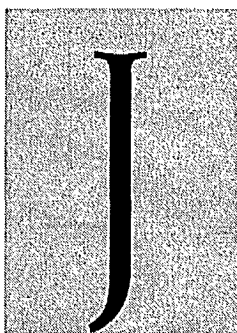
Program assists in getting Prairie innovations to the respective manufacturers.

**Prairie Implement Manufacturers
Association Innovations Division**
 2135 Albert Street
 Regina, Saskatchewan S4P 2V1
 Tel: (306) 359-7109
 Fax: (306) 781-7293



**CORPORATIONS AS
SOURCES OF TECHNOLOGY**





CORPORATIONS AS SOURCES OF TECHNOLOGY

This category includes Canadian private, public, and not-for-profit organizations who have a track record of offering technology developed within their organization for sale or licensing. The science or technology content of the product, process, protocol, or service offered must be significant, and technologically current.

■ Alberta

ALBERTA TELECOMMUNICATIONS RESEARCH CENTRE (ATRC)

Non-profit organization for advanced research in telecommunications systems, theory and technology. Represents a unique tripartite relationship between industry, university and government. It provides the environment where developers of new technology can join in collaborative education and research with respect to telecommunications innovation and advancement.

Alberta Telecommunications Research Centre (ATRC)

200-4245 97th Street
Edmonton, Alberta T6E 5Y4
Tel: (403) 461-3838
Fax: (403) 463-3010

BIOMIRA INC.

Biomira is a leading biotechnology company focused on applying immunological and synthetic organic chemistry techniques in the development of products for the diagnosis and therapy of cancer.

The commercial application of our technology is focused in three particular areas: in vitro diagnostics; monoclonal antibody based products linked to a radioisotope for radioimmunoimaging and radioimmunotherapy; and active specific immunotherapy.

Ingrid E. Meier General Counsel & Corporate Secretary

Biomar Inc.
Research Centre One,
Edmonton Research &
Development Park
9411 - 20 Avenue
Edmonton, Albert T6N 1E5
Tel: (403) 450-3761
Fax: (403) 463-0871

NOVACORP INTERNATIONAL CONSULTING INC.

Provides technologically advanced engineering and operating consulting services in petrochemicals and pipeline transportation. Markets the application of specialized products developed within the NOVA Corporation.

NovaCorp International Consulting Inc.

P.O. Box 2535, Station "M"
Calgary, Alberta T2P 2N6
Tel: (403) 261-5209
Fax: (403) 290-6090
Tlx: 038-21503

SYNPHAR LABORATORIES INC.

SynPhar Laboratories in a joint venture pharmaceutical research and development company, associated closely with Taiho Pharmaceutical Company of Japan.

Laine M. Wollard, Manager

SynPhar Laboratories Inc.
#24 Taiho Alberta Center
4290 - 91A Street
Edmonton, Alberta T6E 5V2
Tel: (403) 462-4044
(403) 462-4052
Fax: (403) 461-0196

VENTECH HEALTHCARE CORPORATION INC.

VenTech manufactures and distributes a full line of medical surgical and diagnostic products for hospitals, physicians, clinics and the

home health care market. They have a designated officer responsible for pursuing new opportunities with various technology transfer departments at Canadian universities as well as with several private and government R&D departments.

VenTech Healthcare Corporation Inc.

#1500 Canada Life Tower
736 - 6th Avenue SW
Calgary, Alberta T2P 3T7
Tel: (403) 265-3035
Fax: (403) 233-2244

■ **B.C.**

COMINCO ENGINEERING SERVICES LTD. (CESL)

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Dr. Alec M. Bialski, Director

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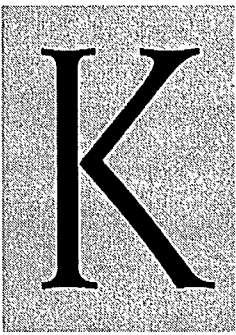
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A large, stylized, grey letter 'K' with a textured, stippled appearance. The letter is centered on the page. The text 'LEGAL CONTACTS' is printed in a bold, black, sans-serif font across the middle of the 'K'.

LEGAL CONTACTS





LEGAL CONTACTS

Refers to organizations in the legal profession in Canada who routinely offer specialized technology-related legal services such as, but not limited to, the development and structuring of joint venture relationships, technology transfer agreements, licensing agreements, intellectual property protection agreement, patent services, etc.

The most appropriate sources for identifying qualified specialists to handle the legal aspects of technology transactions are technology transfer specialists and organizations as listed in this publication. They can provide referrals and assessments of legal practitioners with the specialized qualifications and experience to meet specific needs.

The various organizations of lawyers located in each province (eg. the Law Society of Upper Canada, in Ontario) will provide referrals to lawyers that have identified themselves as having expertise/an interest in law dealing with technology. However, such referrals are usually made on a rotational basis, and not on the basis of qualitative criteria such as most years of experience or peer ratings.

The Canadian Patent Office in Ottawa, Enquiries Section (613) 997-1936, supplies a listing of Registered Patent Agents. Lawyers, engineers and other specialists can qualify as Registered Patent Agents through success on the required written examinations, and are therefore deemed to be qualified in matters relating to patents. Those that are lawyers, can also provide other technology-related legal services. Registered Patent Agents are also knowledgeable of lawyers capable of providing other specialized technology related legal services.

Many lawyers active in providing specialized technology-related legal services, are members of the Licensing Executives Society (LES) and are therefore listed in the LES Annual Directory of Membership and/or the LES International Technology Directory. LES has chapters in major Canadian cities and the Headquarters is listed in Section H of this publication.

The Canadian embassies abroad assist Canadian firms with the identification of appropriate specialized legal services, specifically with respect to technology-related needs. The technology transfer specialists and organizations listed in this publication can also provide referrals to appropriate legal specialists. The LES publications mentioned in the preceding sections can also be of assistance.

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L3: PROVINCIAL GOVERNMENT

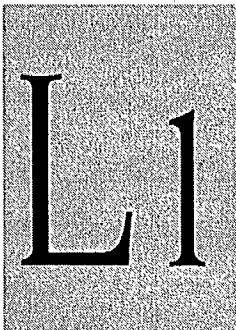
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L5: REGIONAL FINANCIAL ASSISTANCE

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 MCLDDP, Building IIA,
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Mr. A. Fraser (Arthur)
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 98101-1286
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 Tlx: 032-8762
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 270 - 4677 Old Ironsides Drive
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Illuminating Building,
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Tlx: 00985364
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Mr. G. Phillips (George)

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Canadian Consulate General
310 South Michigan Avenue
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60604-4295
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Night Line:
(312) 427-1035
Fax: (312) 922-0637
Tlx: 00254171
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Mr. J. Alexander (John)

Commercial Officer
Canadian Consulate General
One CNN Center, Suite 400
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Tlx: 054-3197
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Mr. J. Kneale (John)

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1251 Avenue of the Americas
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Fax: (212) 768-2440
Tlx: 62014481
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Mr. J. Macario (John)

Technology Development Officer
Canadian Consulate General
Three Copley Place, Suite 400
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Tlx: 94-0625
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Mr. L. Duffield (Larry)

Consul and Senior
Trade Commissioner
Canadian Consulate General
600 Renaissance Center, Suite 1100
Detroit, Michigan U.S.A. 48243-1704
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Fax: (313) 567-2164
Tlx: 23-0715
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Mr. R. Crouch (Richard)

Consul and Trade Commissioner
Canadian Government Trade Office
231 S. Bemiston, Suite 800

St. Louis, Missouri U.S.A. 63105

Tel: (314) 862-0130
Fax: (314) 862-3129
Tlx: 4312060 HQ CLY

Mr. V. Bradley (Victor)

Counsellor (Science & Technology)
Mr. B. Oak (Brian)
Counsellor (Commercial)
Canadian Embassy
501 Pennsylvania Avenue N.W.
Washington, D.C. U.S.A. 20001
Tel: (202) 682-1740
Fax: (202) 682-7656
Tlx: 0089664
DOMCAN A WSH

Ms. B. Giacomini (Barbara)

Consul and Trade Commissioner
Canadian Consulate (Trade Office)
Princeton Corporate Centre
5 Independence Way
Princeton, New Jersey U.S.A. 08540
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Fax: (609) 452-2632
Tlx: 126242
DOMCAN NYK

L2

GOVERNMENT INFORMATION AND/OR FUNDING SOURCES

L2. FEDERAL GOVERNMENT

This category includes municipal, provincial, and federal government offices whose significant function is to provide path finding services and information to assist the public to identify, evaluate, acquire, and implement technology. It also includes government sponsored or endowed organizations and non-government organizations whose principal function is to adjudicate funds and finance programs for scientific research and development.

ALTA-CAN TELECOM INC.

Mr. Raymont
ALTA-CAN Telecom Inc.
411 - 1st Street S.W., Floor 26H
Calgary, Alberta T2G 4Y5
Tel: (403) 231-8535
Fax: (403) 266-5226

ATOMIC ENERGY OF CANADA LIMITED - AECL RESEARCH

AECL Research is a division of Atomic Energy of Canada Limited which performs basic, underlying and applied nuclear research in several disciplines, including chemistry, physics, health and environmental sciences. Specific research areas range from robotics to molecular genetics. AECL Research also performs the R&D that ensures the safe, reliable and economical operation of CANDU power plants, and supplies the science and technology for the safe disposal of nuclear fuel waste. AECL manages the National Fusion Program on behalf of the Government of Canada.

AECL Research Division

Intellectual Property
Management Department
Atomic Energy of Canada Limited
344 Slater Street
Ottawa, Ontario K1A 0S4
Tel: (613) 237-3270
Fax: (613) 563-9499
Tlx: 053-4867

CANADA INSTITUTE FOR SCIENTIFIC AND TECHNICAL INFORMATION (CISTI)

A very sophisticated and comprehensive 'library' that provides information on scientific, technical and medical topics. Fees and charges may apply for services such as database searches.
Canada Institute for Scientific and Technical Information (CISTI)
National Research Council (NRC)
Montreal Road, Building M-55
Ottawa, Ontario K1A 0S2
Tel: (613) 993-1600
Fax: (613) 952-9112
Tlx: 053-3115
ENVOY: 100:CISTI.INFO

CANADIAN INSTITUTE OF INDUSTRIAL TECHNOLOGY (CIIT)

17,000 m2 laboratory/workshop/office facility used for research efforts initiated by the private sector. Generic areas of interest include artificial intelligence and expert systems, computer integrated manufacturing (CIM), robotics, and vision systems. The National Research Council (NRC) manages the institute and provides on-going funding and a core staff of 25.

Canadian Institute of Industrial Technology (CIIT)

National Research Council (NRC)
435 Ellice Avenue
Winnipeg, Manitoba R3B 1Y6
Tel: (204) 983-7545
Fax: (204) 983-3154

CANADIAN PATENTS AND DEVELOPMENT LIMITED (CPDL)

A Canadian Federal Crown corporation, established to market technologies from government sources

as well as technologies from universities and other institutions. A catalogue of these technologies is available.

Canadian Patents and Development Limited (CPDL)

275 Slater Street
Ottawa, Ontario K1A 0R3
Tel: (613) 990-6100

CANADIAN SPACE AGENCY

The Canadian Space Agency will promote peaceful use and development of space for social and economic benefit of Canadians. It will ensure that space technology is developed to meet Canadian needs and that competitive space industries are encouraged to develop. The Agency will ensure the development, transfer, diffusion and absorption of space technology into the Canadian industrial infrastructure and it will promote the equitable distribution throughout Canada of benefits, both industrial and user related, to be derived from the Canadian Space Program. The Agency will be in charge of the Canadian contribution to the Space Station Program, the RADARSAT Program and the Canadian program involvement with the European Space Agency (ESA). The Canadian Space Agency will ensure that Canada maintains its role in the areas of space communications, remote sensing, space science and robotics.

Canadian Space Agency

240 Sparks Street
Ottawa, Ontario K1A 1A1
Tel: (613) 990-6785

CANADEXPORT

Canadexport is published twice monthly, in both English and French, by External Affairs and International Trade Canada (EAITC), Trade Communication Division. It is available in Canada to interested exporters and business oriented people. It enables people to keep

up on potential export markets for Canadian.

Canadexport (BPT)

External Affairs and International Trade Canada
125 Sussex Drive
Ottawa, Ontario K1A 0G2
Tel: (613) 996-2225
Fax: (613) 992-5791

COMMUNICATIONS CANADA – TECHNOLOGY TRANSFER OFFICE (TTO)

The Division provides spectrum management and radio communications technology support to private sector industry. It provides training, fellowship programs and technology study tours to visiting foreign spectrum managers. It transfers the departmental world leading spectrum management technology to Canadian industry for export. It provides both cost recoverable technological assistance to Canadian industry to fulfil their export obligations, as well as evaluation and advice functions to Canadian industry to meet all technology requirements of the receiving country. This is a full-service technology brokerage office which provides the necessary linkages between the Communications Research Centre (CRC) and the private sector. TTO offers support to companies that wish to collaborate with its researchers either through government-funded programs such as the NRC IRAP or ISTC's MSDP program or through licensing arrangements or any other form of agreement. It provides full marketing support for its research laboratories located at CRC Ottawa, and also manages the Department's intellectual property. We have some very interesting technologies which could benefit your company. For whatever form of collaboration you are seeking, give us a call or write to:

Technology Transfer Office

Communications Research Centre

3701 Carling Avenue
P.O. Box 11490, Station "H"
Ottawa, Ontario, Canada K2H 8S2
Tel: (613) 998-2321
Fax: (613) 998-3185

COMMUNIQUÉ: INDUSTRIAL MATERIALS RESEARCH INSTITUTE (IMRI)

Institute responsible for conducting basic and applied research in a wide variety of materials-related areas, working with industry, universities and other partners to develop new products and processes.

Communiqué

Industrial Materials Research Institute (IMRI)
National Research Council (NRC)
75 De Montagne
Boucherville, Québec J4B 6Y4
Tel: (613) 993-4848

CONSULATE GENERAL OF ISRAEL

Technology Attache

180 Bloor Street West, Suite 700
Toronto, Ontario M5S 2V6
Tel: (416) 961-1126
Fax: (416) 961-3962

E.L. LITTLEJOHN & ASSOCIATES LTD. – PUBLISHERS AND CONSULTANTS

E.L. Littlejohn & Associates offers consulting services on science policy and technology transfer through intratech (International Trading and Technology) a wholly owned division.

Edward L. Littlejohn, President

E.L. Littlejohn and Associates Ltd.
151 1/2 Bank Street
Ottawa, Ontario K1P 5N7
Tel: (613) 235-9183
Fax: (613) 594-3857

ENVIRONMENT TECHNOLOGY DEVELOPMENT AND TECHNICAL SERVICES BRANCH

Promotes technology transfer to industry and the marketing of such technologies and processes developed or supported by the Branch. Produces technical publications, organizes technical conferences, seminars, workshops and exhibits, and provides information and training materials in support of environmental protection programs.

Environment Canada Technology Development and Technical Services Branch

Technology Transfer and Training Division
3439 River Road 5
Ottawa, Ontario K1A 0H3
Tel: (613) 991-1571
Fax: (613) 991-1634

GOVERNMENT OF FINLAND-COMMERCIAL DELEGATION

Government of Finland-Commercial Delegation
1200 Bay Street, Suite 604
Toronto, Ontario M5R 2A5
Tel: (416) 964-0066
Fax: (416) 964-1524

GOVERNMENT TELECOMMUNICATIONS AGENCY: SPECIAL PROJECTS AND SECURITY

Deals with information technologies, telecommunications networks, computer and communication security and network contingency planning, and disaster recovery.

Special Projects and Security
300 Slater Street, room 822
Ottawa, Ontario K1A 0C8
Tel: (613) 990-4424

HEALTH AND WELFARE CANADA - NATIONAL HEALTH RESEARCH AND DEVELOPMENT PROGRAM

(NHRDP)

The primary objective of the National Health Research and Development Program (NHRDP) is to support scientific activities related to national health issues. In addition to research, the program provides support for the formulation of research protocols, the training and career development of health researchers in selected disciplines associated with public health and offers limited contributions towards the cost of health research oriented workshops and conferences.

Nation Health Research and Development Program

Extramural Research Programs Directorate
Health and Welfare Canada
Ottawa, Ontario K1A 1B4
Tel: (613) 954-8549
Fax: (613) 954-7363

INDUSTRY, SCIENCE AND TECHNOLOGY CANADA

Producers of the Technology Networking Guide. Also organizes the Technology Opportunities Showcase and Innovation Magazine. A focal point in the department for technology transfer, both foreign and domestic.

Mr. Jim Kelly, Manager

Ms. Jan Caroleo, Officer

Industry, Science and Technology Canada
Technology Transfer Services Division
235 Queen Street, 10th Floor East
Ottawa, Ontario K1A 0H5
Tel: (613) 954-5256
Fax: (613) 954-2899
Tel: (613) 954-1894

INDUSTRY, SCIENCE AND TECHNOLOGY CANADA (ISTC)

ISTC has many specialists in such fields as mining, specialty chemicals, microelectronics, advanced industrial materials and biotechnol-

ogy. These specialists can provide advice and assistance on the sourcing and implementation of technologies, including the identification of key organizations, consultants and other contact points that can provide assistance. To access such specialists, call the appropriate Regional Office listed below.

Head Office - OTTAWA

Technology Liason Directorate
235 Queen Street, 10th Floor East
Ottawa, Ontario K1A 0H5
Tel: (613) 954-2899
Tel: (613) 954-5256

Newfoundland

Parsons Building,
90 O'Leary Avenue
P.O. Box 8950
St. John's, Newfoundland
CANADA A1B 3R9
Tel: (709) 772-4053
Local Offices:
Corner Brook
Happy Valley,
Goose Bay, Labrador
Tel: (709) 637-4477
Tel: (709) 896-2741

Prince Edward Island

Confederation Court Mall
134 Kent Street, Suite 400
P.O. Box 1115
Charlottetown,
Prince Edward Island C1A 7M8
Tel: (902) 566-7400

Nova Scotia

1496 Lower Water Street
P.O. Box 940, Station M
Halifax, Nova Scotia B3J 2V9
Tel: (902) 426-4782

New Brunswick

770 Main Street
P.O. Box 1210
Moncton, New Brunswick
E1C 8P9
Tel: (506) 857-6400
Local Offices:
Bathurst
Tel: (506) 548-7420

Fredericton
Tel: (506) 452-3124
Grand Falls
Tel: (506) 473-5556

Quebec

Tour de la Bourse, Suite 3800
800 Victoria Place
P.O. Box 247
Montreal, Quebec H4Z 1E8
Tel: (514) 283-8185

Local Offices:

Alma
Tel: (418) 668-3084
Drummondville
Tel: (819) 478-4664
Québec
Tel: (418) 648-4826
Rimouski
Tel: (418) 722-3282
Sept-Îles
Tel: (418) 968-3426
Sherbrooke
Tel: (819) 564-5904
Trois-Rivières
Tel: (819) 374-5544
Val-d'Or
Tel: (819) 825-5260

Ontario

Dominion Public Building,
4th Floor
1 Front Street West
Toronto, Ontario M5J 1A4
Tel: (416) 973-5000

Local Offices:

London
Tel: (519) 645-5820
Ottawa
Tel: (613) 993-4963
Sault Ste. Marie
Tel: (705) 942-1327
Sudbury
Tel: (705) 671-0711
Thunder Bay
Tel: (807) 623-4436

Manitoba

330 Portage Avenue, Room 608
P.O. Box 981
Winnipeg, Manitoba R3C 2V2
Tel: (204) 983-4090

Local Office:

Thompson
Tel: (204) 778-4486

Saskatchewan

105-21st Street East, 6th Floor
Saskatoon, Saskatchewan S7K 0B3
Tel: (306) 975-4400

Local Office:

Regina
Tel: (306) 780-6108

Alberta

Canada Place, Room 540
9700 Jasper Avenue
Edmonton, Alberta T5J 4C3
Tel: (403) 495-4782

Local Office:

Calgary
Tel: (403) 292-4575

British Columbia

900-650 West Georgia Street
P.O. Box 11610
Vancouver, British Columbia
V6B 5H8
Tel: (604) 666-0434

Local Office:

Prince George
Tel: (604) 561-5158

Yukon

108 Lambert Street, Suite 301
Whitehorse, Yukon Y1A 1Z2
Tel: (403) 668-4655

Northwest Territories

Precambrian Building
P.O. Bag 6100
Yellowknife, Northwest Territories
X1A 1C0
Tel: (403) 920-8568

INDUSTRY, SCIENCE AND TECHNOLOGY CANADA – BUSINESS OPPORTUNITIES SOURCING SYSTEM (BOSS)

A computerized data base on Canadian companies, their products and the market they serve. The information is used in support of

domestic and international marketing. The information is distributed to each of Canada's international trade offices, ISTC regional provincial department of industry across Canada, and purchasing branches in private industry. The information, accessible "online" or hardcopy, is also downloaded into External Affairs Winexport database.

Business Opportunities Sourcing System (BOSS)

Business Services
Development Directorate
Industry, Science and
Technology Canada
235 Queen Street
Ottawa, Canada K1A 0H5
Tel: (613) 954-5031

INDUSTRY, SCIENCE AND TECHNOLOGY CANADA – ENVIRONMENTAL INDUSTRY SECTOR CAMPAIGN

To improve the competitiveness of the industry through the development of a medium term industry strategy, support for a national industry association and trade show, and the building of domestic and import markets. The campaign focuses on intelligence and analysis, studies, information service and specific advocacy initiatives.

John Mihalus

Environmental Industry
Sector Campaign
Environmental Affairs
Industry, Science and
Technology Canada
235 Queen Street
Ottawa, Ontario K1A 0H5
Tel: (613) 954-2759

INDUSTRY, SCIENCE AND TECHNOLOGY CANADA : SERVICES TO BUSINESS BRANCH – MARKET INTELLIGENCE

This service provides Canadian business with detailed market information on a product-specific basis.

The market information currently focuses on, but is not restricted to, information on imports into Canada. This not only offers information about a significant portion of the Canadian market, it is also an indicator of an internationally competitive product mix. The service has moved away from import substitution and toward domestic, export, technology transfer, and new manufacturing investment opportunities. Two-thirds of the clientele for this service consist of small business.

Market Intelligence Service

Services to business Branch
Industry, Science and
Technology Canada
235 Queen Street
Ottawa, Ontario K1A 0H5
Tel: (613) 954-4977
Fax: (613) 954-1894

INTELLECTUAL PROPERTY DIRECTORATE

An intellectual property directorate which is part of Consumer and Corporate Affairs Canada. Administers legislation dealings with patents, trade marks, timber marks, copyright and industrial designs.

Intellectual Property Directorate

Enquiries Section
Consumer and
Corporate Affairs Canada
Place du Portage
Hull, Québec K1A 0C9
Tel: (819) 997-4418

INTERNATIONAL CENTRE FOR AGRICULTURAL SCIENCE & TECHNOLOGY (ICAST)

The International Centre for Agricultural Science & Technology (ICAST) is an innovative facilitating process designed to enhance the development of a competitive agricultural environment. ICAST is a unique, industry driven, strategic alliance of agriculture related sectors. The goal is to create a culture enabling tech-

nology development and commercialization, ensuring economic prosperity, and enhancing product quality and safety. The ICAST organization has established an industry Board of Directors comprised of leaders from every sector of the agriculture industry from the Atlantic to the Pacific. The Board will ultimately receive, review and select projects to improve Canada's international competitiveness.

Roy Carr, Vice-Chairman

International Centre for Agricultural
Science & Technology
P.O. Box #814
Saskatoon, Saskatchewan
S7K 3L7
Tel: (306) 931-9966
Fax: (306) 244-2564

INVESTMENT CANADA

Investment Canada's Investment Development Division does not provide funding however it is a valuable free service to Canadian firms who want assistance with investment funding. This division is a powerful source of obtaining money. They have access to firms outside Canada who are looking for investment opportunities within Canada.

Investment Canada

P.O. Box 2800, Station D
Ottawa, Ontario K1P 6A5
Tel: (613) 996-7865
Fax: (613) 996-2515

IRAP Provincial Technology Advisors

British Columbia

National Research
Council Canada
3650 Wesbrook Mall
Vancouver, British Columbia
V6S 2L2
Attn: Desmond Mullan (PC)
Tel: (604) 666-7244
Fax: (604) 666-7035

Alberta

National Research Council Canada
Industrial Development Department
250 Karl Clark Road
P.O. Box 8330
Postal Station "F"
Edmonton, Alberta T6H 5X2
Attn: Andrew W. Gilliland (PC)
Tel: (403) 495-6508
Fax: (403) 495-6510

Saskatchewan

National Research
Council Canada
15 Innovation Blvd.
Saskatoon, Saskatchewan
S7N 2X8
Attn: Gary Derald (PC)
Tel: (306) 975-4714
Fax: (306) 975-4717

Manitoba

National Research
Council Canada
Industrial Technology Centre
1329 Niakwa Road East
Winnipeg, Manitoba R2J 3T4
Attn: Roger Clarke (PC)
Tel: (204) 945-6133
Fax: (204) 983-8835

Ontario

National Research Council Canada
200 Town Centre Court, Suite 1101
Scarborough, Ontario M1P 4X8
Attn: John R. Ratz (PC)
Tel: (416) 973-4483
Fax: (416) 973-4303

Québec

Conseil national
de recherches Canada
a/s Edifice du CRIQ
8475 Christophe-Columb,
Suite E-58
Montréal, Québec H2M 2N9
Attn: David C. Ellis (PC)
Tel: (514) 283-7679
Fax: (514) 283-1915

New Brunswick

National Research
Council Canada
921 College Hill Road
P.O. Box 20,000
Fredericton, New Brunswick
E3B 6C2
Attn: Robert Bourdage (PC)
Tel: (506) 452-3831
Fax: (506) 452-3831

Nova Scotia

National Research
Council Canada
c/o Technical University of N.S.
P.O. Box 1000
1360 Barrington Street, Bldg. A
Halifax, Nova Scotia B3J 2X4
Attn: David Healey (PC)
Tel: (902) 426-6264
Fax: (902) 426-1624

Prince Edward Island

National Research
Council Canada
35 First Avenue
West Royalty Industrial Park
Charlottetown, Prince Edward
Island C1E 1B0
Attn: William A. Murphy (PC)
Tel: (902) 566-7642
Fax: (902) 566-7641

Newfoundland

National Research
Council Canada
Viking Building
136 Crosbie Road
St. John's, Newfoundland
A1B 3K3
Att: Gordon F. Cross (PC)
Tel: (709) 772-5228
Fax: (709) 772-5067

**NATIONAL RESEARCH
COUNCIL CANADA – INTEL-
LECTUAL PROPERTY
SERVICES OFFICE**

The Intellectual Property Services
Office offers, for licence, technolo-
gies developed in the National
Research Council of Canada labora-

tories as well as in the laboratories
of some other selected government
departments.

Dr. Alec M. Bialski, Director

Tel: (613) 990-9547

Gerry W. Carisse

Intellectual Property Services Office
National Research Council Canada
Building M-58, Room EG-06
Ottawa, Ontario K1A 0R6
Tel: (613) 993-9996
Fax: (613) 952-6082

**NATIONAL RESEARCH
COUNCIL OF CANADA –
INDUSTRIAL RESEARCH
ASSISTANCE PROGRAM
(IRAP)**

IRAP is involved in assisting
Canadian companies absorb and
implement new technologies into
their operations. Targeted primarily
at companies under 200 employees,
the program will assist companies
in any area of technology, relevant
to the appropriate need of a partic-
ular situation. The program pro-
vides both hands-on technical
assistance from a network of experi-
enced engineers, including many
specialists, as well as financial assi-
stance to resolve specific technical
problems. Consultation is provided
at no charge from the national net-
work of engineers from across Cana-
da, to identify and assist in resolv-
ing technical problems. Many of
these consultations are provided
from engineers drawn from one of
the many technical specialty centres
within Canada.

**Industrial Research
Assistance Program**

National Research Council
Montreal Road, Building M-58
Ottawa, Ontario K1A 0R6
Tel: (613) 993-0695

**NATURAL SCIENCES AND
ENGINEERING RESEARCH
COUNCIL OF CANADA
(NSERC) – SCHOLARSHIPS
AND FELLOWSHIPS
BRANCH**

To promote and support both
research and the provision of highly
qualified personnel in the natural
sciences and engineering. The
Industrial Research Fellowships
provide recent doctoral graduates in
the natural sciences or engineering
with an opportunity to gain indus-
trial R&D experience for a limited
period of up to two years. The
Industrial Undergraduate Student
Research Awards provide under-
graduate students with valuable
experience in an industrial
laboratory.

**Scholarships and
Fellowships Branch**

Natural Sciences and Engineering
Research Council of Canada
200 Kent Street
Ottawa, Ontario K1A 1H5
Tel: (613) 996-2009

**NEW EXPORTERS TO
BORDER STATES (NEBS)**

MIT administers the NEBS program
to help businesses to increase their
market penetration by exporting to
the United States. NEBS teaches
participants about export pricing,
selection of agents or distributors,
legal considerations, trade shows,
custom clearance, etc.

**New Exporters to
Border States (NEBS)**

NEBS Coordinator

U.S. Section
Ministry of Industry
Trade and Technology
Mearst Block, 900 Bay Street
Toronto, Ontario M7A 2E1
Tel: (416) 963-2500
Fax: (416) 965-7791

Ontario
Tel: 1-800-268-9103
Quebec/Eastern Arctic NWT
Tel: 1-800-361-2670
British Columbia/Yukon
Tel: 1-800-663-0433
Atlantic Provinces
Tel: 1-800-565-1590
Manitoba
Tel: 1-800-542-3408
Alberta/Western Arctic NWT
Tel: 1-800-661-3977
Saskatchewan
Tel: 1-800-667-7163

OCEAN TECHNOLOGY PROMOTION OFFICE

The Ocean Technology Promotion Office is the focal point in the federal government for information, advice, and assistance on federal and international research projects/available technologies. The Oceans Technology Promotion is responsible for Intellectual Property Management (IP protection and technology transfer) with DFO in such areas as ocean related instrumentation, hydrography, fish biotechnology and fish processing instrumentation technology.

Ocean Technology Promotion Office

Oceans Development Branch
Fisheries and Oceans Canada
200 Kent Street, 12th Floor
Ottawa, Ontario K1A 0E6
Tel: (613) 990-7388
Fax: (613) 990-7391
Tlx: 053-4228

THE PATENT OFFICE RECORD

A weekly booklet listing titles of patents issued and related information. Patents available for licensing are marked with an asterisk. Subscription fees.

Canadian Government Publishing Centre

Supply and Services Canada
Ottawa, Ontario K1A 0S9

Tel: (819) 956-4800
Fax: (819) 994-1498
Tlx: 053-4296

PATENTS, TRADEMARKS, COPYRIGHT AND INDUSTRIAL DESIGN

Has state-of-the-art patent searches, and can help locate domestic and foreign technologies for licensing, to provide new product/process ideas, and to help monitor competitor developments throughout the world.

Patents, Trademarks, Copyright and Industrial Design

Intellectual Property Directorate
Consumer and Corporate Affairs
Place du Portage
Hull, Québec K1A 0C9
Tel: (613) 997-1936

REFERENCE CANADA

Reference is the federal government's telephone referral and basic information service. It is available nation-wide and the toll-free service helps the public find answers to questions concerning the federal government.

Reference Canada

365 Laurier Avenue West
16th Floor
Journal Tower South
Ottawa, Ontario K1A 0S5
Tel: (613) 995-7737
Fax: (613) 952-0846

Alberta

Edmonton (local calls)
Edmonton (Telecommunications Device for the Deaf)
Tel: 1-800-232-9481
Tel: 495-2021
Tel: 495-4161

British Columbia

Reference Canada
In Northern B.C. (Atlin Only)
Vancouver (local calls)
Vancouver (Telecommunications Device for the Deaf)
Tel: 1-800-663-1381

Zenith 08918
Tel: 666-5555
Tel: 945-4796

Manitoba

Citizens' Inquiry Service
Winnipeg (local calls)
Winnipeg (Telecommunications Device for the Deaf)
Tel: 1-800-282-8060
Tel: 945-3744
Tel: 945-4796

New Brunswick

New Brunswick Inquiries
Fredericton (local calls)
Tel: 1-800-442-4400
Tel: 453-2525

Newfoundland

Reference Canada
St. John's (local calls)
St. John's (Telecommunications Device for the Deaf)
Tel: 1-800-563-2432
Tel: 772-4365
Tel: 772-6226

Northwest Territories

Reference (Albert) collect calls accepted from N.W.T. area code 403 only
Reference (Ottawa) service area code 819
Tel: 495-2021
Tel: 1-800-267-0340

Nova Scotia

Reference Canada
Halifax (local calls)
Halifax (Telecommunications Device for the Deaf)
Tel: 1-426-8092
Tel: 426-8092
Tel: 426-6696

Ontario

Reference (North Bay) service area codes 807 and 705
North Bay (local calls)
North Bay (Telecommunications

Device for the Deaf
Tel: 1-800-461-1664
Tel: 476-4910
Tel: 476-7788

Reference (Ottawa/Hull) serving
area code 613 and the
Outaouais (Quebec)
Ottawa/Hull (local calls)
Ottawa/Hull (Telecommunications
Device for the Deaf)
Tel: 1-800-267-0340
Tel: 995-7151
Tel: 952-0845

Reference (Toronto) serving area
codes 416 and 519
Toronto (local calls)
Toronto (Telecommunications
Device for the Deaf)
Tel: 1-800-387-0700
Tel: 973-1993
Tel: 973-8099

Prince Edward Island
Island Inquiries
Charlottetown (local calls)
Tel: 1-368-5050
Tel: 368-5050

Québec
Communication-Quebec
(Dial 0 and ask for
Zenith Communications Quebec
Communication-Quebec (Telecom-
munication Device for the Deaf)
Tel: 1-800-361-9596

Saskatchewan
Government Inquiry Centre
Regina (local calls)
Regina (Telecommunications
Device for the Deaf)
Tel: 1-800-667-7160
Tel: 780-6683
Tel: 780-7576

Yukon
Yukon Inquiry Centre
Whitehorse (local calls)
Tel: 1-800-661-0408
Tel: 667-5811

SPECIAL TRADE RELATIONS BUREAU – EXPORT AND IMPORT PERMITS

Conveys to exporters and importers
the requirements of the Export and
Import Permits Act, relating to the
control of exports from and imports
into Canada for national security,
foreign policy, or supply reasons.

Special Trade Relations Bureau
Export Controls Division
Department of External Affairs
Ottawa, Ontario K1A 0G2
Tel: (613) 996-2387
Fax: (613) 995-7762

STATISTICS CANADA

User advisory services at Statistics
Canada help people identify,
obtain, and effectively use
statistical information.

Statistics Canada
R.H. Coats Building
Holland Avenue and Scott Street
Tunney's Pasture
Ottawa, Ontario K1A 0T6
Tel: (613) 951-8116

SUPPLY AND SERVICES CANADA: SCIENCE PROGRAMS BRANCH

– SCIENCE CULTURE CANADA
The objective of Science Culture
Canada is to promote a more sci-
ence-oriented culture in Canada by
increasing public awareness and
understanding of science and tech-
nology. Science Culture Canada will
consider applications which pro-
pose to raise general public appre-
ciation, knowledge and conscious-
ness of scientific and technological
issues and their social impact.
Competitions for funding are held
twice a year with deadlines for sub-
missions in April and October. Sub-
missions are reviewed by a non-gov-
ernment committee of experts in sci-
ence and technology from across

the country. The Evaluation Com-
mittee will review the proposals and
make recommendations for funding
to the program's Management Com-
mittee. The Management Committee
is chaired by Industry, Science and
Technology Canada with represen-
tatives from the Natural Sciences
and Engineering Research Council,
the Social Sciences and Humanities
Research Council, the Medical
Research Council of Canada, Supply
and Services Canada and the Evalu-
ation Committee Chairman.

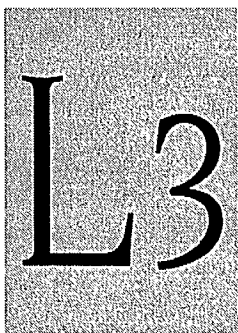
Science Culture Canada
Science Programs Branch,
Supply and Services Canada
Place du Portage, Phase III, 12C1
11 Laurier Street
Hull, Quebec
Postal Address:
Ottawa, Ontario K8A 0S5
Tel: (819) 956-1772
(819) 997-6363

TECH TRACK

Government funded programs
aimed at stimulating research and
maximizing innovation in Quebec
firms. It encourages firms that
invest in technological develop-
ment, by promoting research pro-
jects related to industrial needs. For
stimulating capital investment in
innovative firms. Encourages firms,
universities and public agencies to
co-operate in carrying out projects
as well as support the development
of technological sectors in which
Quebec has already proven to be
competitive.

Tech Track

The Joint Office of Program Evalua-
tion Canada/Quebec
Subsidiary Agreement on Scientific
and Technological Development
111 St.-Urbain Street, Suite 104
Montreal, Québec H2Z 1Y6
Tel: (514) 875-9517



GOVERNMENT INFORMATION AND/OR FUNDING SOURCES

L3: PROVINCIAL GOVERNMENT

This category includes municipal, provincial, and federal government offices whose significant function is to provide path finding services and information to assist the public to identify, evaluate, acquire, and implement technology. It also includes government sponsored or endowed organizations and non-government organizations whose principal function is to adjudicate funds and finance programs for scientific research and development.

■ Alberta

DEPARTMENT OF WESTERN ECONOMIC DIVERSIFICATION

Provides organizational and financial support to Western Canada companies to assist in upgrading or expanding.

Department of Western Economic Diversification

1500, 9700 Jasper Avenue
Edmonton, Alberta T5J 4H7
Tel: (403) 495-4164
Fax: (403) 495-4557

EXPORT SERVICES SUPPORT PROGRAM

This program financially assists Alberta companies to conduct feasibility and other relevant studies that could lead to contracts for Alberta goods and services.

Export Services Support Program

Executive Director Business
Finance Development

Alberta Economic
Development and Trade
105h Floor Sterling Place
9940-106th Street
Edmonton, Alberta T5K 2P6
Tel: (403) 427-0667
Fax: (403) 427-5924

GOVERNMENT OF ALBERTA Technology, Research and Telecommunications

Government of Alberta
Pacific Plaza
10909 Jasper Avenue
Edmonton, Alberta T5J 3M8
Tel: (403) 422-0567
Fax: (403) 420-1474

GOVERNMENT OF ALBERTA Economic Development and Trade

Sterling Place
9940 - 106th Street
Edmonton, Alberta T5K 2P6
Tel: (403) 427-4809
Fax: (403) 427-0610

PRODUCT DEVELOPMENT PROGRAM

Designed to assist Alberta manufacturers to improve the design and quality of their existing products or to develop new and innovative products.

Product Development Program

Alberta Development Trade
9940 - 106th Street
Edmonton, Alberta T5K 2P6
Tel: (403) 427-2005
Fax: (403) 427-5924

TAILOR-MADE TRAINING PROGRAM

Designed to assist firms to adopt new technologies or develop new products.

Tailor-Made Training Program

Alberta Career Development and Employment
Room 420, 108th Street Building
9942 - 108th Street
Edmonton, Alberta T5K 2J5
Tel: (403) 422-0046

■ B.C.

B.C. TRADE DEVELOPMENT CORPORATION – B.C. BUSINESS NETWORK (BCBN)

BCBN is an "Electronic Marketplace" bringing together entrepreneurs and investors, manufacturers and markets, buyers and sellers, in a forum that is quick, easy to use, and cost effective. The network features information on: sales leads; investment ventures and public tenders; statistics; industry directories and company profiles; key contacts in B.C. and abroad; upcoming seminars, trade shows and exhibitions; and sources of business information and financial assistance. Customers can access BCBN information using online, direct document delivery "Opportunity Alert", or interactive voice response.

Marcis Esmits, Director, Corporate Information Management

B.C. Business Network
B.C. Trade Development Corporation
Suite 730, 999 Canada Place
Vancouver, British Columbia
V6C 3E1
Tel: (604) 844-1900
Fax: (604) 660-2457

BRITISH COLUMBIA PURCHASING COMMISSION

Technology Commercialization Program – licensing of marketing rights for intangible properties (i.e. copyright, trademark, patent, industrial design items) owned by the provincial government to private sector companies, in exchange for royalty payments.

Mac Culham, Policy/Program Development Officer

British Columbia
Purchasing Commission
Ministry of Women's Programs,
Government Services and Minister
Responsible for Families

Province of British Columbia
Third Floor, 563 Superior Street
Victoria, British Columbia V8V 4R6
Tel: (604) 356-5859
Fax: (604) 356-5851

NEW MARKET DEVELOPMENT PROGRAM

Program has been established to assist eligible British Columbia companies engaged or interested in establishing new export markets.

New Market Development Program

British Columbia Trade Development Corporation (BCTDC)
750 Pacific Blvd. South
Vancouver, British Columbia,
V6B 5E7
Tel: (604) 844-1900

SMALL BUSINESS INCENTIVE PROGRAM (SBIP)

Assists small and medium size enterprises in British Columbia to establish, modernize or expand in order to create new employment opportunities and to diversify British Columbia's economic base.

Industrial Diversification Program

Ministry of Regional
and Economic Development
Business Finance Branch
712 Yates Street
Victoria, British Columbia
V8V 1X5
Tel: (604) 387-0315

TRAINING INVESTMENT PROGRAM

Designed to encourage employers in developing on-going, long range training processes which will contribute to a highly skilled workforce.

Training Investment Program

Ministry of Advanced
Education and Job Training
3rd Floor, 838 Fort Street
Victoria, British Columbia
V8W 1X4
Tel: (604) 387-0100

■ Manitoba

HEALTH INDUSTRY DEVELOPMENT INITIATIVE PROGRAMS

There are three main segments targeted at the health industry: Direct Projects, Shared-Costs Projects, and the Technology Commercialisation Program. The goal is to encourage and enable private Manitoba businesses to become competitive participants in the international market for health care products and services.

Health Industry Development Initiative Program

Department of Industry
Trade and Tourism
5th Floor 155 Carlton Street
Winnipeg, Manitoba R3C 3H8
Tel: (204) 945-7492
Fax: (204) 945-1193

TRADE ASSISTANCE

There are several programs offered to provide support for participation in recognized trade shows, sales missions to identify export markets and product market analysis, export package design, and promotional material.

Trade Assistance

Industry, Trade and Tourism
155 Carlton Street
Winnipeg, Manitoba R3C 3H8
Tel: (204) 845-3172

■ N.B.

DEPARTMENT OF COMMERCE AND TECHNOLOGY

Support is available through the Technical Assistance Through Consultants, Technical Grants to Industry and the Training Assistance Program

Department of Commerce and Technology

P.O. Box 6000
 Fredericton, New Brunswick
 E3B 5H1
 Tel: (506) 453-3890;
 (506) 453-2727

NEW PRODUCT OPPORTUNITIES THROUGH LICENSING

Information, guidance and assistance is available to assist New Brunswick manufacturers in exploring product opportunities under license by preparing a company profile, which will then be used to conduct a thorough, worldwide search for new products or processes to fit in with manufacturing and marketing plans. Also have a number of financial assistance programs for qualifying companies.

New Product Opportunities Through Licensing

New Brunswick Department of Commerce and Technology
 P.O. Box 6000
 Fredericton, New Brunswick
 E3B 5H1
 Tel: (506) 453-2790

■ Nfld.**NEWFOUNDLAND AND LABRADOR DEVELOPMENT CORPORATION (NLDC)**

Offers programs such as the Term Loan Program, the Business Equity Program and the Young Entrepreneur Program.

Newfoundland and Labrador Development Corporation (NLDC)

Viking Building
 136 Crosbie Road
 St. John's Newfoundland
 A1B 3K3
 Tel: (709) 753-3560
 Fax: (709) 753-5236

■ N.S.**NOVA SCOTIA TRAINING AND EMPLOYMENT PROGRAM (NSTEP)**

Program subsidizes the wages of a new employee while they are receiving training. It is not intended to be used for high technology.

Nova Scotia Training and Employment Program (NSTEP)

Department of Advanced Education and Job Training
 5th Floor, Founders Square
 1701 Hollis Street
 Halifax, Nova Scotia B3J 3M8
 Tel: (902) 424-5636
 Fax: (902) 424-0511

TECHNOLOGY ADVANCEMENT PROGRAM (TAP)

Provides funding to assist Nova Scotia businesses to acquire more advanced equipment or services which will improve their capabilities. Eligible projects include: the purchase, lease or improvement of equipment, the purchase of software, the acquisition of services of consultants, travel to business development and development costs of technological products and services.

Technology Advancement Program (TAP)

Department of Industry, Trade and Technology
 World Trade convention Centre
 1800 Argyle Street, P.O. Box 519
 Halifax, Nova Scotia, B3J 2R7
 Tel: (902) 424-6765
 Fax: (902) 424-5739

TECHNOLOGY COLLABORATION PROJECT (TCP)

Provides assistance for projects which promote a flow of technology between the province's research institutions and local business.

Technology Collaboration Project (TCP)

Department of Industry Trade and Technology
 World Trade Convention Centre
 1800 Argyle Street P.O. Box 519
 Halifax Nova Scotia B3J 2R7
 Tel: (902) 424-6765
 Fax: (902) 424-5739

TRADE DEVELOPMENT CENTRE - BUSINESS FUTURES PROGRAM

There are six sections to the Business Futures Program which are designed to assist Nova Scotia companies to identify market and business opportunities related to export trade. These include: Trade Planning, Trade Promotion, Trade Expansion, Trade Opportunity, Product Development, and Industrial Adjustment.

Trade Development Centre - Business Futures Program

Department of Industry, Trade and Technology
 1800 Argyle Street
 Halifax, Nova Scotia B3J 2R7
 Tel: (902) 424-5315
 Fax: (902) 424-5739

■ Ontario**MINISTRY OF INDUSTRY, TRADE AND TECHNOLOGY - EXPORT SUPPORT LOAN PROGRAM**

The Export Support Loan Program helps Ontario companies finance their export opportunities. It is administered by the Ontario Development Corporation and is highly selective. This program helps companies finance export when private sector funding is not available. Telephone the Ministry office in your area.

See Blue Pages in your area telephone book.

MINISTRY OF INDUSTRY, TRADE AND TECHNOLOGY – TECHNICAL PERSONNEL PROGRAM (TPP)

The goal of this program is to assist small to medium sized Ontario companies (10-200 employees) to increase their technical expertise. It will assist established exporting and manufacturing companies to hire qualified scientific or technical staff, for a minimum of 3 years. Telephone the Ministry office in your area.

See Blue Pages in your area telephone book.

■ **Québec**

ASSISTANCE WITH TECHNOLOGICAL INNOVATION

A publication of the Government of Quebec outlining and explaining Financial and Technical assistance programs. Tax benefits for R&D activities are also described. Information is provided for all stages of the technical innovation process. A number of pamphlets in the area of assistance and technical challenge are also available.

Assistance with Technological Innovation

Ministere de l'industrie, du commerce et de la Technologie
770 rue Sherbrooke Ouest 7 étage
770 Sherbrooke Street West
7th Floor
Montréal, Québec H3A 1G1
Tel: (514) 982-3000

GOVERNMENT DU QUÉBEC

André Duquette, Conseiller

Gouvernement Du Quebec
Ministere De L'Industrie
770, Rue Sherbrooke Ouest,
10E Etage
Montréal, Québec H3A 1G1
Tel: (514) 873-7531
Fax: (514) 873-7257

MINISTÈRE DE L'INDUSTRIE, DE COMMERCE ET DE LA TECHNOLOGIE (MICT)

MICT has three new programs to foster technological development and R&D in Quebec. These are: Assessing Technological Needs and Devising the Appropriate Strategy, Assistance to Acquire and Introduce Technologies (AAIT), and Assistance for Research and Development (AEPRD).

Ministere de L'industrie, du Commerce et de la Technologie (MICT)

770 Sherbrooke Street West
14th Floor
Montréal, Québec H3A 1J1
Tel: (514) 982-3001
Fax: (514) 873-1353

QUÉBEC GOVERNMENT – MINISTRY OF INDUSTRY, TRADE AND TECHNOLOGY

André Duquette, Special Advisor

Ministere de l'Industrie, du
Commerce et de la Technologie
Bureau des démarcheurs
Gouvernement du Québec
1200 McGill College, Bureau 1810
Montréal, Québec H3B 4G7
Tel: (514) 873-6332
Fax: (514) 873-9257

TECH TRACK

Government funded programs aimed at stimulating research and maximizing innovation in Quebec firms. It encourages firms that invest in technological development, by promoting research projects related to industrial needs. For stimulating capital investment in innovative firms. Encourages firms, universities and public agencies to co-operate in carrying out projects as well as support the development of technological sectors in which Quebec has already proven to be competitive.

Tech Track

The Joint Office of
Program Evaluation
Canada/Quebec Subsidiary
Agreement on Scientific and
Technological Development
111 St.-Urbain Street, Suite 104
Montréal, Québec H2Z 1Y6
Tel: (514) 875-9517

■ **Sask.**

SASKATCHEWAN AGRICULTURE DEVELOP- MENT FUND

The fund provides money for agricultural projects of benefit to Saskatchewan.

John A. Hosh, Assistant Manager, Research Program and Technology Licensing

Saskatchewan Agriculture
Development Fund
Walter Scott Building
3085 Albert Street
Regina, Saskatchewan S4S 0B1
Tel: (306) 787-6566
Fax: (306) 787-0475

L4

GOVERNMENT INFORMATION AND/OR FUNDING SOURCES

L4: FINANCIAL ASSISTANCE PROGRAMS AND SERVICES RELATED TO TECHNOLOGY TRANSFER

This category includes municipal, provincial, and federal government offices whose significant function is to provide path finding services and information to assist the public to identify, evaluate, acquire, and implement technology. It also includes government sponsored or endowed organizations and non-government organizations whose principal function is to adjudicate funds and finance programs for scientific research and development.

■ Ontario/Federal

ADVANCED MANUFACTURING TECHNOLOGY APPLICATION PROGRAM (AMTAP)

Provides funding for qualified firms to engage outside expertise to assess the commercial and technical feasibility of a comprehensive upgrading of manufacturing operations through the application of advanced manufacturing technology. Assists companies in hiring consultants to review current production operations, define areas of improvement, analyze cost and benefit alternatives, prepare implementation plans and provide limited follow-up.

Martin Mudde

Advanced Manufacturing Technology Application Program (AMTAP)
Information Technologies
Industries Branch

Industry, Science and
Technology Canada
235 Queen Street
Ottawa, Ontario K1A 0H5
Tel: (613) 954-3315
Fax: (613) 954-8419

OR
Industry, Science and
Technology Canada
Dominion Public Building
1 Front Street West, 4th Floor
Toronto, Ontario M5J 1A4
Tel: (416) 973-5153
(416) 973-5157

ADVANCED TRAIN CONTROL SYSTEM PROGRAM

Provides financial assistance to Canadian companies carrying out R&D and testing of components and subsystems in support of the introduction of advanced train control technology in North America. Advanced Train Control System Program

Surface Transportation
and Machinery Branch
Industry, Science and
Technology Canada (ISTC)
235 Queen Street
Ottawa, Ontario K1A 0H5
Tel: (613) 954-3443
Fax: (613) 954-1894

AUTOMOTIVE COMPONENTS INITIATIVE

Assists automotive parts companies in improving their current manufacturing operations through contributions to diagnostic consulting costs and to costs incurred implementing recommendations.

Automotive Components Initiative

Surface Transportation and
Machinery Branch
Industry, Science and
Technology Canada (ISTC)
235 Queen Street
Ottawa, Ontario K1A 0H5
Tel: (613) 954-3725
Fax: (613) 954-1894

CENTRE FOR MINERAL AND ENERGY TECHNOLOGY (CANMET)

Specializes in mining and mineral processing, coal, oil, metals and materials and energy efficiency research. Provides technology transfer services and access to federal funding programs.

Centre for Mineral and Energy Technology (CANMET)

Technology Marketing Division
555 Booth Street
Ottawa, Ontario K1A 0G1
Tel: (613) 995-4267
Fax: (613) 996-9673

COOPERATION AND INTERNATIONAL TECHNOLOGY TRANSFER (WITH WEST BERLIN)

A joint collaboration between the National Research Council and Technologie-Vermittlungs-Agentur Berlin of West Germany (TVA) to develop technology transfer and research projects between Canada and West Germany, to exchange information on technology opportunities, requests and offers and to promote and assist specific projects and industrial agreements between companies in Canada and West Germany.

Cooperation and International Technology Transfer (CITT)

National Research Council (NRC)
Montreal Road, Building M-55
Ottawa, Ontario K1A 0R6
Tel: (613) 993-8238
Fax: (613) 952-1079
Tlx: 053-3905

COOPERATIVE RESEARCH AND DEVELOPMENT GRANTS (CRD)

CRD grants support university research on commercially relevant topics.

Cooperative Research and Development Grants (CRD)

University - Industry Program NSERC
200 Kent Street
Ottawa, Ontario K1A 1H5
Tel: (613) 996-1898

DEFENCE INDUSTRIAL RESEARCH PROGRAM

Intended to assist companies seeking support for research projects oriented primarily to defence technologies, and to improve their ability to share in the development and supply of material and equipment for Canadian, NATO, or other defence requirements.

Chief, Research and Development

Defence Industrial
Research Program
Department of
National Defence (DND)
305 Rideau Street
Ottawa, Ontario K1A 0K2
Tel: (613) 996-2020

DEFENCE INDUSTRIAL PRODUCTIVITY PROGRAM (DIPP)

Financially assists firms to undertake R&D and to purchase technology and manufacturing facilities required for obtaining military contracts from the Canadian and U.S. forces.

Aerospace, Defence and Industrial Benefits Branch

Industry, Science and
Technology Canada (ISTC)
235 Queen Street, 6th Floor East
Ottawa, Ontario K1A 0H5
Tel: (613) 954-3718

DEFENCE INDUSTRY PRODUCTIVITY PROGRAM (DIPP)

This program assists Canadian firms in defense related industries to conduct research and development projects, become established as qualified suppliers, acquire advanced production equipment to modernize or upgrade manufac-

turing capabilities, and conduct market feasibility studies. Funding covers 50% of eligible costs on a repayable basis with no limit as to the size of the project.

Defence Industry Productivity Program (DIPP)

Aerospace, Defence and
Industrial Benefits Branch
Industry, Science and
Technology Canada
235 Queen Street
Ottawa, Ontario K1A 0H5
Tel: (613) 954-3292
(613) 954-3526

DEPARTMENT OF EXTERNAL AFFAIRS - CANADIAN TRADE COMMISSIONER SERVICE

There are 818 officers in some 112 cities abroad and 11 cities in Canada. The primary responsibility of the Trade Commissioner is to provide counselling, information, and financial assistance to help Canadian companies start or expand export sales in international markets. To order a copy of DIRECTORY OF THE CANADIAN TRADE COMMISSIONER SERVICE, contact the following:

Info Export (BTCE)

External Affairs and
International Trade Canada
125 Sussex Drive, Ottawa
K1A 0G2
Tel: (613) 993-6435
Toll free: 1-800-267-8376

FEDERAL BUSINESS DEVELOPMENT BANK (FBDB) - VENTURE CAPITAL DIVISION

The Federal Business Development Bank (FBDB) provides venture capital, in conjunction with private venture capital organizations where possible, to firms with high growth potential but limited access to the capital market. FBDB policy is to

remain a minority shareholder and divest its interest as soon as feasible for the company.

Ontario

Tel: 1-800-268-9103

Québec/Eastern Arctic NWT

Tel: 1-800-361-2670

British Columbia/Yukon

Tel: 1-800-663-0433

Atlantic Provinces

Tel: 1-800-565-1590

Manitoba

Tel: 1-800-542-3408

Alberta/Western Arctic NWT

Tel: 1-800-661-3977

Saskatchewan

Tel: 1-800-667-7163

GOVERNMENT FUNDING: HOW TO TAP THE RESOURCES

Publication notes a number of government initiatives and programs and identifies contacts for obtaining further information. Lists federal government programs as well as programs in Atlantic Canada, Western Canada, Ontario and Quebec.

Government Funding:

How to Tap The Resources

Canadian Plastics Institute
1262 Don Mills Road Suite 48

Don Mills, Ontario M3B 2W7

Tel: (416) 441-3222

Fax: (416) 441-1208

INDUSTRIAL RESEARCH FELLOWSHIPS

Provides salary support, maximum 2 years at \$25,000 per year, for companies hiring new doctoral graduates as researchers. Minimum company contribution of \$5,000. Companies must meet eligibility requirements.

Natural Sciences and Engineering Research Council (NSERC)

200 Kent Street

Ottawa, Ontario K1A 1H5

Tel: (613) 996-2009

INDUSTRIAL RESEARCH ASSISTANCE PROGRAM (IRAP)

Provides expertise and financial support to firms to solve technical problems, conduct research and development, improve production operations, exploit technology/expertise in government and university laboratories, and related purposes. IRAP has five program elements:

1. IRAP - C: Field Advisory Services.

2. IRAP - H: Contributions to Firms Employing Undergraduates; some short term projects for product or process development can utilize the skills of a university or college level engineering or science student dedicated to the task.

3. IRAP - L: Contributions to Laboratory Investigations; a firm may need specialized help from outside facilities for projects involving product testing, product or process design or development, or engineering feasibility studies.

4. IRAP - M: Contributions to Small (R&D) Projects; IRAP can contribute towards the salary of technical personnel, from the firm or subcontractors, for specific projects to develop new or improved products and processes. An element of technical uncertainty, innovation and incrementality is expected when considering funding for these projects.

5. IRAP - R: For projects with high risk but potential benefits, IRAP can contribute to help a firm team up with experts in Canadian, federal, provincial or university laboratories or with international resources. Contributions to Major Projects Involving Technology Transfer Consult the nearest IRAP advisor, listed under "Technology Assistance" in the Yellow Pages, or

Industrial Research Assistance Program (IRAP)

Industry Development Office
National Research Council (NRC)
200 Lees Avenue, Room B-205
Ottawa, Ontario K1S 0C5
Tel: (613) 993-3996

INDUSTRY ENERGY RESEARCH AND DEVELOPMENT PROGRAM (IERD)

Program promotes the development of products, processes and systems that increase the efficiency of energy use throughout industry. Program covers up to 50% of total estimated cost of energy saving projects. Projects that have been supported in the past include Waste Heat Utilization, Collection and Reduction of Waste Gases and Reduction of Electricity for Chrome Plating.

Industry Energy Research and Development Program

IERD Secretariat Energy Efficiency Division

580 Booth Street

Ottawa, Ontario K1A 0E4

Tel: (613) 996-2480

INDUSTRY, SCIENCE AND TECHNOLOGY CANADA - ADVANCED TRAIN CONTROL SYSTEM PROGRAM (ATCS)

To provide financial assistance to Canadian companies involved in the development, testing and implementation of a state-of-the-art industrial capability in advanced train control systems, and to maximize the economic benefit to Canada resulting from this advanced technology.

To provide up-front financing attributable to projects.

Advance Train Control System Program (ATCS)

Urban and Rail Systems Division
Marine, Urban and Rail Directorate
Industry, Science and
Technology Canada
235 Queen Street
Ottawa, Ontario K1A 0H5
Tel: (613) 954-3443

INDUSTRY, SCIENCE AND TECHNOLOGY CANADA – MICROELECTRONICS AND SYSTEMS DEVELOPMENT PROGRAM (MSDP)

The MSDP program encourages Canadian companies to undertake technological innovative ventures in microelectronic and systems development. Provides contributions, of up to 50% of eligible costs of R&D for qualifying technologically advanced projects, with maximum \$5 million. Contribution towards special purpose machinery limited to 25%. Repayment of contributions is mandatory for successful projects for which contribution of over \$500,000 provided. The program is delivered by the regional offices of Industry, Science and Technology Canada (ISTC). For program administration information contact:

Microelectronics and Systems Development Program (MSDP)

Information Technology
Industry Branch
Industry, Science and
Technology Canada
235 Queen Street
Ottawa, Ontario K1A 0H5
Tel: (613) 954-3476
Fax: (613) 952-8419
Tlx: 053-4123

INDUSTRY, SCIENCE AND TECHNOLOGY CANADA – STRATEGIC TECHNOLOGIES PROGRAM

This program offers financial support for R&D and technology application alliances in advanced indus-

trial materials, biotechnology and information technologies. These industry-led alliances can also involve universities and research institutes. R&D projects must be pre-competitive and application projects pre-commercial. The program is intended to help Canadian industry develop or apply the technology necessary to: produce internationally competitive, value-added products; add value to commodities and diversify the products of resource-based companies; and improve productivity and qualify in manufacturing processes.

Information Technologies Alliances

Information Technologies
Industry Branch
Tel: (613) 954-5598

Advanced Industrial Materials Alliances

Resource Processing
Industries Branch
Tel: (613) 954-3084

Biotechnology Alliances

Biotechnology and
Health Care Products
Resource Processing
Industries Branch
Tel: (613) 954-3138

Director General

Technology Policy Branch
Tel: (613) 993-5649

Industry, Science and
Technology Canada
235 Queen Street
Ottawa, Ontario K1A 0H5

INDUSTRY, SCIENCE AND TECHNOLOGY CANADA – STRATEGIC TECHNOLOGIES PROGRAM

Covers up to half of the eligible costs of R&D or technology application projects in leading-edge technologies undertaken by industry-led

alliances (which can also involve universities or research institutes). For more information, contact the appropriate* ISTC headquarters branch in Ottawa or your nearest ISTC regional Office (see section J2).

Industry, Science and Technology Canada (ISTC)

- Information Technologies Industry Branch
 - Biotechnology and Health Care Products Directorate
 - Advanced Industrial Materials Directorate
- 235 Queen Street
Ottawa, Ontario K1A 0H5
Tel: (613) 954-0599
(613) 954-3138
(613) 954-3114

MANUFACTURING VISITS PROGRAM

Visits are organized for executives of firms considering new manufacturing technologies, to companies currently employing those technologies.

Manufacturing Visits Program

Information Technologies
Industry Branch
Industry, Science and
Technology Canada (ISTC)
235 Queen Street
Ottawa, Ontario K1A 0H5
Tel: (613) 954-3290
Fax: (613) 954-1894

PROGRAM FOR EXPORT MARKET DEVELOPMENT (PEMD)

The goal of the program is to increase the export marketing effort of the private sector by helping them to participate in activities they would not, or could not, undertake alone. PEMD will pay up to 50% of the cost of marketing missions abroad: trade missions outside of Canada, and for foreign business and officials coming to Canada or to trade shows where Canadian business participa-

tion is substantial; trade fairs abroad in specific industrial sectors or for specific types of products; establishing permanent sales offices abroad (excluding the U.S.) in order to undertake sustained marketing efforts outside Canada. In addition to contacting your local branch of the Ontario Ministry of Industry, Trade and Technology, PEMD can be accessed by contacting the Toronto office of the Federal Ministry of Industry, Science and Technology at

Tel: (416) 973-5064

OR

Program for Export
Market Development
Export and Investment
Programs Division (TPE)

External Affairs and
International Trade

125 Sussex Drive
Ottawa, Ontario K1A 0G2

Tel: (613) 992-7155

PROGRAM FOR EXPORT MARKET DEVELOPMENT (PEMD)

Main objective is to increase sales of Canadian goods and services by sharing the costs of activities that companies could not undertake alone, thereby reducing the risks involved in penetrating a foreign market. Financial assistance is available.

Program for Export Market Development (PEMD)

Export and Investment
Programs Division (TPE)

125 Sussex Drive

Ottawa, Ontario K1A 0G2

Tel: (613) 996-7155

Toll Free: 1-800-167-8376

Fax: (613) 996-9103

RESEARCH PARTNERSHIP PROGRAM

Program promotes cooperation among Canadian universities, companies and research oriented

Federal government departments through a diverse range of cost sharing programs including Cooperative R&D Projects, Shared Equipment and Facilities, Industrial Research Chairs, NSERC Visiting Fellowships, Workshops and Seminars and Industrial Research Fellowships. All firms that need to stretch their research dollars are eligible to apply.

Research Partnership Program

Natural Sciences and
Engineering Council
Centennial Towers, Room 402
200 Kent Street

Ottawa, Ontario K1A 1H5

Tel: (613) 996-1898

Fax: (613) 992-5337

ST. LAWRENCE RIVER ENVIRONMENTAL TECHNOLOGY DEVELOPMENT PROGRAM (ETDP)

Provides funds for the development and application of new or improved technology to eliminate pollution in the St. Lawrence River in the Province of Quebec and to improve the international competitiveness and growth of Canadian industry.

St. Lawrence River Environmental Technology Development Program

Surface Transportation and
Machinery Branch

Industry, Science and

Technology Canada (ISTC)

235 Queen Street

Ottawa, Ontario K1A 0H5

Tel: (613) 954-3225

Fax: (613) 954-3430

TAX INCENTIVES FOR SCIENTIFIC RESEARCH AND EXPERIMENTAL DEVELOPMENT

This program is the largest source of federal funding support for R&D in Canada. Each year it channels approximately \$800 million into qualified activities and expendi-

tures.

Gerry Tapp

Tax Incentives for
Scientific Research
and Experimental Development

235 Queen Street 5th Floor East
Ottawa, Ontario K1A 0H5

Tel: (613) 954-6596

Fax: (613) 952-1374

TECHNOLOGY INFLOW PROGRAM (TIP)

This program is administered by the Department of External Affairs. Its aim is to facilitate access by Canadian businesses to technologies developed abroad. The program is intended primarily for small and medium-sized business which have a limited number of technicians and few resource persons abroad. Specialists in Canadian embassies find technology sources, partners for joint ventures and so on, take the necessary steps to get the interested parties together, and provide other forms of appropriate support. Firms can also obtain financial assistance for expenses incurred in the evaluation of foreign technology by means of short or longer visits (of up to one year) or joint research programs conducted on a cost-sharing basis.

Technology Inflow Program

Science, Technology and
Communications Division (TTS)

Department of External Affairs

125 Sussex Drive

Ottawa, Ontario K1A 0G2

Tel: (613) 996-0971

TECHNOLOGY OUTREACH PROGRAM (TOP)

The objective of the Technology Outreach Program (TOP) is to improve the productivity and competitiveness of Canadian industry. It does this through support to technology centres for national activities and services that accelerate the acquisition, development and diffu-

sion of technology and critical management skills in industry, especially in small and medium-sized enterprises. The program provides start-up and, in some cases, sustaining support to technology centres. In general, sustaining support is only considered for those services which are not cost-recoverable.

The Coordinator,
Technology Outreach
Program (TOP)
Technology and Industry Branch
Industry, Science and Technology
Canada (ISTC)
Ottawa, Ontario K1A 0H5
Tel: (613) 954-3468
(613) 954-3466

UNIVERSITY-INDUSTRY PROGRAMS

Promotes collaboration between Canadian industry and university researchers. Program is very flexible. Contribution normally equals or exceeds 50% of collaboration costs.

Natural Sciences and Engineering Research Council (NSERC)

200 Kent Street
Ottawa, Ontario K1A 1H5
Tel: (613) 996-2009

UNIVERSITY RESEARCH MATCHING POLICY

Funds are provided to match private sector contributions to university research.

University Research Matching Policy

University Affairs Branch
Industry, Science and Technology
Canada (ISTC)
235 Queen Street
Ottawa, Ontario K1A 0H5
Tel: (613) 993-6856
Fax: (613) 991-0363

■ Québec

ENVIRONMENT CANADA – DEVELOPMENT AND DEMONSTRATION OF RESOURCE AND ENERGY CONSERVATION TECHNOLOGY (DRECT)

In this program, established in 1978, the Federal Government is seeking new ways to recover or reduce the millions of tonnes of wastes thrown away every year. It is prepared to share the costs of developing and demonstrating prototype systems, of promising new technology which may provide solutions to this problem. Private industries and organizations as well as provincial and municipal authorities working with innovative new methods, procedures, processes or equipment can apply to DRECT for partial funding. The primary aim of all suggested projects should be to reduce waste; recover or recycle wastes; and save energy, especially the energy derived from non-renewable resources. DRECT pays up to 50 percent of the total estimated costs for approved projects – including equipment, buildings, installation, engineering and consulting services, to a maximum of \$200,000 per year.

DRECT Program

Technology Development Branch
Conservation & Protection
Environment Canada
241 Cité des Jeunes Blvd,
Block 100
Hull (Québec) K1A 0H3
Tel: (819) 953-8718
Fax: (819) 953-9029

FEDERAL BUSINESS DEVELOPMENT BANK (FBDB) – FINANCIAL SERVICES DIVISION

The FBDB offers term loans to allow its customers to acquire fixed assets such as land, buildings, machinery and equipment. These loans can be offered at floating rates or at rates fixed for varying periods. FBDB does everything possible to structure the repayment terms of its loans to the ability of its clients to repay. It offers a variety of methods such as equal or graduated monthly payments of principal (straight line or stepped payments) or seasonal payments for businesses with revenues that vary greatly with the seasons.

Financial Services Division

Federal Business
Development Bank
800 Victoria Square, Bureau 4600
P.O. Box 187
Montréal, Québec H4Z 1C8
Tel: (514) 283-7220

INDUSTRIAL COOPERATION PROGRAM (INC)

CIDA's Industrial Cooperation Program provides financial incentives to Canadian companies interested in entering into long-term business cooperation agreements with developing countries. Assistance Programs are specific to three areas: Investment, Services and specialized Activities. Interested companies must submit proposals in order for eligibility to be determined.

Industrial Cooperation Program (INC)

Canadian International
Development Agency
200 Promenade du Portage
Hull, Québec K1A 0G4
Tel: (819) 997-7901
Fax: (819) 953-5024
Tlx: 053-4140

**PATENT INFORMATION
EXPLOITATION PROGRAM
(PIE)**

This Consumer and Corporate Affairs program is aimed at stimulating technology transfer and promoting industrial innovation through exploiting information contained in patents. It has state-of-the-art patent searches, and can help locate domestic and foreign technologies for licensing, to provide new product/process ideas, and to help monitor competitor developments throughout the world. It can help to avoid duplication of research, identify new products, identify competitors, or provide possible solutions to current technical problems.

Intellectual Property Directorate
Information and Technology
Exploitation Branch
Consumer and Corporate
Affairs Canada
Place du Portage
Hull, Québec K1A 0C9
Tel: (819) 997-1936

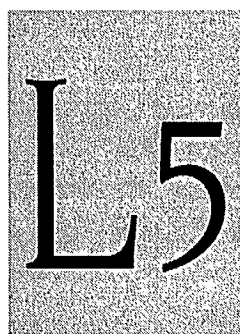
**TECHNOLOGY DEVELOP-
MENT FUND (TDF)**

A fund set up to support Major Opportunities to Stimulate Technology (MOST) Projects. These projects unite businesses and the research community in the technological development area. Projects may be those which support government priorities or those proposed by the research community.

**Technology Development
Fund (TEF)**

(Government of Canada)
875 Grade Alée Est
Edifice H, 3^e étage
Québec, Québec G1R 4Y8
Tel: (418) 643-9256





GOVERNMENT INFORMATION AND/OR FUNDING SOURCES

L5: REGIONAL FINANCIAL ASSISTANCE PROGRAMS AND SERVICES RELATED TO TECHNOLOGY TRANSFER

■ Alberta

CALGARY RESEARCH AND DEVELOPMENT AUTHORITY

Provides facilities and programs which attract and facilitate the growth of research activities and research based advanced technology.

Calgary Research and Development Authority

100, 3553-31st Street N.W.
Calgary, Alberta T2L 2K7
Tel: (403) 282-0464
Fax: (403) 282-1238

GOVERNMENT OF ALBERTA – TECHNOLOGY, RESEARCH AND TELECOMMUNICATIONS

The Technology Transfer Division of Technology, Research and Telecommunications assists Alberta's advanced technology industry with three programs. The Inventor Assistance Program assists individual inventors in evaluation, producing and marketing their inventions. Services available to inventors include concept development and testing, patent search and registration, product licensing and marketing.

The Technology Commercialization Program provides financial support for projects which demonstrate and assist innovation in technology intensive fields. The First Purchase Program provides an approved means for the first purchase of advance technology products and processes by provincial government departments, crown corporations, agencies and boards.

Technology Transfer Technology, Research and Telecommunications

Government of Alberta
11th Floor, Pacific Plaza
10909 Jasper Avenue
Edmonton, Alberta T5J 3L9
Dr. Ade Ajao, Director
Tel: (403) 422-0567
Fax: (403) 422-2003
Tlx: 037-42687

■ B.C.

SCIENCE AND TECHNOLOGY DEVELOPMENT FUND AND ASSISTANCE GRANTS FOR APPLIED RESEARCH (STDF - AGAR)

Program is designed to stimulate the development of science and technology applicable to economic

development. Applied research and technology development projects are considered in various economic sectors. Eligible technologies include advanced materials and robotics.

Science and Technology Development Fund and Assistance Grants for Applied Research (STDF-AGAR)

British Columbia
Tel: (604) 438-2752
Fax: (604) 438-6564

TECHNOLOGY ASSISTANCE PROGRAM (TAP)

Technology Assistance Program is sponsored by the Ministry of Advanced Education, Training and Technology. It provides financial support for firms with up to 250 employees undertaking R&D projects with BC Research.

Technology Assistance Program (TAP)

3650 Westbrook Mall
Vancouver, British Columbia
V6S 2L2
Tel: (604) 224-4331
Fax: (604) 224-0540

■ Manitoba

MANUFACTURING ADAPTATION PROGRAM

Provides assistance, loans and technical advice for studies on the introduction of new process technology and advanced technology equipment respectively.

Manufacturing Adaptation Program

Industry, Trade and Tourism
5th Floor 155 Carlton Street
Winnipeg, Manitoba R3C 3H8
Tel: (204) 945-2472
Fax: (204) 945-1193

■ Maritimes

ATLANTIC OPPORTUNITIES AGENCY (ACOA)

There are several sub-programs administered by ACOA: Innovation Assistance, Capital Investment Assistance, Loan Insurance, Business Studies and Business Support.

Atlantic Canada Opportunities Agency (ACOA)

Head Office
Blue Cross Centre
644 Main Street
Moncton, New Brunswick E1C 9J8
Toll Free: 1-800-561-7862

In Nova Scotia

Suite 3000, "The Brewery"
1489 Hollis Street
Halifax Nova Scotia B3J 3M5
Tel: 1-800-565-1228

Enterprise Cape Breton

15 Dorchester Street
Sydney, Nova Scotia B1P 6K7
Tel: 1-800-565-0228

In Prince Edward Island

3rd Floor
75 Fitzroy Street
Charlottetown, Prince Edward Island A1C 5M5
Tel: 1-800-563-5767

In New Brunswick

590 Brunswick Street
Fredericton New Brunswick
E3B 5A6
Tel: 1-800-561-4030

■ Ontario

FEDNOR: CORE INDUSTRIAL PROGRAM

Programs which assist new and existing businesses in Northern Ontario. Has technology components.

FEDNOR: Core Industrial Program

Industry, Science and Technology Canada (ISTC)
473-477 Queens Street East
Sault Ste. Marie, Ontario P6A 1Z5
Tel: 1-800-461-6021

■ Québec

AEROSPACE INDUSTRY PILOT PROJECT

A consultant has been hired to assist Quebec machine shops engaged in aerospace subcontracting, to enhance their competitiveness through diagnostic review and identification of appropriate technology.

Aerospace Industry Pilot Project

Industry, Science and Technology Canada (ISTC)
Quebec Regional Office
Tour de la Bourse
800 Victoria Place Suite 3800
P.O. Box 247
Montréal, Québec H4Z 1E8
Tel: (514) 283-8185
Fax: (514) 283-3315

ENTERPRISE DEVELOPMENT PROGRAM

Encourages the establishment, expansion and modernization of enterprises in Quebec and has technology components.

Enterprise Development Program

Industry, Science and Technology Canada (ISTC)
Québec Regional Office
Tour de la Bourse
800 Victoria Place, Suite 3800
P.O. Box 247
Montréal, Québec H4Z 1E8
Tel: (514) 283-8185
Fax: (514) 283-3315

MANUFACTURING PRODUCTIVITY IMPROVEMENT PROGRAM

Provides assistance for consultants as well as for the purchase of production equipment involved with the acquisition of advanced technologies by Quebec manufacturing and processing firms located in urban areas.

Manufacturing Productivity Improvement Program

Industry, Science and Technology Canada (ISTC)
Québec Regional Office
Tour de la Bourse
800 Victoria Place, Suite 3800
P.O. Box 247
Montréal, Québec H4Z 1E8
Tel: (514) 283-8185
Fax: (514) 283-3315

■ Sask.

THE CAPITAL EQUIPMENT PROGRAM

Saskatchewan government will provide up to 50% of cost specified high technology equipment required to perform specific research contracts initiated by industry.

The Capital Equipment Program

Industry Science and Technology Canada
105 - 21st Street East, 6th Floor
Saskatoon, Saskatchewan S7K 0B3
Tel: (306) 975-4400

**INDUSTRIAL RESEARCH
ASSISTANCE PROGRAM
(IRAP)**

Assistance may be provided to encourage research, development and new product activities by Saskatchewan firms. A complement to the NRC's IRAP program, the Industrial Research Program augments funding from other sources.

Industrial Research Program

Industry, Science and
Technology Canada

105 - 21st Street East, 6th Floor
Saskatoon, Saskatchewan S7K 0B3
Tel: (306) 975-4400

West**WESTERN ECONOMIC
DIVERSIFICATION CANADA**

Program promotes the diversification of the Western Canadian economy by assisting the development of new products to Western Canada, new markets for Canadian goods and services, new technologies, import substitution projects and industry-wide productivity improvements. The government provides a path finding service to help entrepreneurs identify other sources of government assistance for their projects.

**Western Economic
Diversification Canada**

Western Diversification Program
1200-1055 Dunsmuir Street
Vancouver, British Columbia
V7X 1L3
Tel: (906) 666-6256

Regional Addresses:

Box 777
712-240 Graham Avenue
Winnipeg, Manitoba R3C 2L4
Tel: (204) 983-4472

Suite 601
S.J. Cohen Building
119-4th Avenue South
Saskatoon Saskatchewan S7K 3S7
Tel: (306) 975-4373

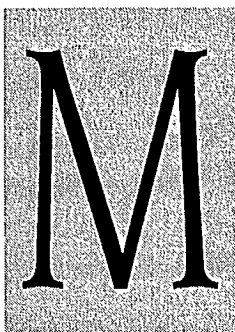
Suite 1500, Canada Place
9700 Jasper Avenue
Edmonton, Alberta T5J 4H7
Tel: (403) 495-4164





**NON GOVERNMENT
FUNDING SOURCES**





NON-GOVERNMENT FUNDING SOURCES

■ Ontario

CANADA OPPORTUNITIES INVESTMENT NETWORK (COIN)

A computer system, run by the provincial Chambers of Commerce, that "matches" entrepreneurs seeking capital with investors. Available through 500 Chambers of Commerce/Boards of Trade. Entrepreneurs pay \$150/year; investors pay \$250/year.

Canada Opportunities Investment Network

2323 Yonge Street
Toronto, Ontario M4P 2C9
Tel: (416) 482-5225

ENTINEX INC. - BUSINESS OPPORTUNITY NETWORK

An investment opportunity search service for investors wishing to make an equity investment in a business or buy a business. Approximately 400 investment opportunities are listed on their database,

and other relevant databases and information sources are also searched, such as COIN, Business Marketplace, FBDB Financial Matchmaking Service, Investment Exchange in Alberta, industrial development commissioners, provincial government listings, etc. ENTINEX does not take part in business negotiations. Investors are charged \$150 to search any industry sector on the database. Opportunities are listed at no charge.

ENTINEX Inc.

Business Opportunities Network
3 Church Street, Suite 402
Toronto, Ontario M5E 1M2
Tel: (416) 359-0037
Fax: (416) 359-0038

WOMEN INVENTORS PROJECT

An organization to assist women inventors in successfully commercializing their inventions through such means as seminars, workshops and an information newsletter

(Woman Inventors Project - FOCUS). Stimulating more women to become inventors is also a major aim.

Women Inventors Project

22 King Street South, Suite 500
Waterloo, Ontario N2J 1N8
Tel: (519) 746-3443

■ Québec

BUSINESS MARKETPLACE

Provides entrepreneurs and investors with detailed financial and technical advice from experts, and assistance in looking for financing.

BUSINESS MARKETPLACE

Maheu & Noiseaux
2 Complexe Desjarding, Suite 2600
P.O. Box 153
Montréal, Québec H5B 1E8
Tel: (514) 281-1555



N

SPECIAL LIBRARIES

N1: FEDERAL GOVERNMENT

PROVINCIAL GOVERNMENTS

N2: PRIVATE SECTOR

N3: UNIVERSITIES





SPECIAL LIBRARIES

N1: FEDERAL GOVERNMENT

AGRICULTURE CANADA – NEATBY LIBRARY

COLLECTION INFORMATION: Special/Government library;
SUBJECT: Agriculture & Food, Life sciences, Agrometeorology, Bacteriology, Mineralogy, Soils, Pesticides, Soil Survey; **SERVICES:** By permission only, Inter-Library Loan (ILL), Photocopying; **COMPUTERS AND AUTOMATED SYSTEMS:** Hardware-GEAC, Software-Digital VT200; **SYSTEMS APPLICATIONS:** Cataloguing, Circulation, Accessing the collection; **ONLINE NETWORKS:** UTLAS; * AGRINET system links all Agriculture Canada libraries with Main Library, Ottawa and includes online catalogue; **PERSONNEL:** 2; **ACQUISITION BUDGET:** M
Neatby Library
Agriculture Canada
KW Neatby Bldg #3032
Ottawa, Ontario K1A 0C6
Marcel Charette
Tel: (613) 995-5011
Tlx: 055-3283

CANADA INSTITUTE FOR SCIENTIFIC AND TECHNICAL INFORMATION (CISTI)

COLLECTION INFORMATION: Special/Government library;
SUBJECT: Natural Sciences, Technology, Health Sciences; **SERVICES:**

Branches: 14, Inter-Library Loan (ILL), Photocopying, Microform reader/copier, Online searching. Also, lending, reference, bibliographic alerting service, index of scientific translations, literature searching; **COMPUTERS AND AUTOMATED SYSTEMS:** Hardware – CDROM; **ONLINE NETWORKS:** DOBIS; **PERSONNEL:** 211; **ACQUISITIONS BUDGET:** L

Canada Institute for Scientific and Technical Information

National Research Council
Montreal Road, Bldg M-55
Ottawa, Ontario K1A 0S2

Elmer V. Smith

Tel: (613) 993-1600
Fax: (613) 952-9112

CANADA INSTITUTE FOR SCIENTIFIC AND TECHNICAL INFORMATION (CISTI) – AERONAUTICAL AND MECHANICAL ENGINEERING BRANCH

COLLECTION INFORMATION: Special/Government library;
SERVICES: Microform reader/copier; **COMPUTERS AND AUTOMATED SYSTEMS:** Hardware- AT&T; Software – dBase III+, Writing Assistance; **SYSTEMS APPLICATIONS:** Word Processing, Cataloguing; **ONLINE NETWORKS:** DOBIS;

PERSONNEL: 9; **ACQUISITIONS BUDGET:** L

Canada Institute for Scientific and Technical Information
Aeronautical and Mechanical Engineering Branch
National Research Council
Montreal Road, Bldg M-2
Ottawa, Ontario K1A 0R6

Morna Tuttle

Tel: (613) 993-5290
Tlx: 053-3115

CANADA INSTITUTE FOR SCIENTIFIC AND TECHNICAL INFORMATION (CISTI) – BIOTECHNOLOGY BRANCH

COLLECTION INFORMATION: Special/Government library;
SUBJECT: Biotechnology, Bioengineering, Genetic Engineering; **SERVICES:** Hours: M-F, 40 hrs/week, By permission only; **COMPUTERS AND AUTOMATED SYSTEMS:** Hardware – Olivetti, CDROM; Software – Edibase, Symphony, Smartcom, WordPerfect, CCINFO, TERMIUM; **SYSTEMS APPLICATIONS:** Online Searching, Word Processing, Database Management, Electronic Communications, Spreadsheet; **ONLINE NETWORKS:** UTLAS, DOBIS; **PERSONNEL:** 2
Canada Institute for Scientific and Technical Information

Biotechnology Branch
6100 Royalmount Avenue
Montreal, Québec H4P 2R2

Josee Schepper
Tel: (514) 496-6117

**CANADA INSTITUTE FOR
SCIENTIFIC AND TECHNICAL
INFORMATION (CISTI) –
DOMINION ASTROPHYSICAL
OBSERVATORY
BRANCH**

COLLECTION INFORMATION:
Special/Government library;
SUBJECT: Astronomy, Astrophysics;
SPECIAL COLLECTIONS: PhD
Theses in Astronomy and Astro-
physics; PERSONNEL: 1
Canada Institute for Scientific
and Technical Information
Dominion Astrophysical
Observatory Branch
5071 West Saanich Rd, R.R. #5
Victoria, British Columbia V8X 4M6

Eric S. LeBlanc
Tel: (604) 388-0020

**CANADA INSTITUTE FOR
SCIENTIFIC AND TECHNICAL
INFORMATION (CISTI) –
ELECTRICAL ENGINEERING
BRANCH**

COLLECTION INFORMATION:
Special/Government library;
SUBJECT: Applied Physics, Comput-
er Science, Biomedical Engineering;
SERVICES: Microform reader/copier;
COMPUTERS AND AUTOMATED
SYSTEMS: Online Networks: DOBIS;
PERSONNE: 2; ACQUISITIONS
BUDGET: M
Canada Institute for Scientific
and Technical Information
Electrical Engineering Branch
National Research Council
Montreal Road, Bldg M-50
Ottawa, Ontario K1A 0R6

Jane Cymant
Tel: (613) 993-2006

**CANADA INSTITUTE FOR
SCIENTIFIC AND TECHNICAL
INFORMATION (CISTI) –
INDUSTRIAL MATERIALS
RESEARCH INSTITUTE
BRANCH**

COLLECTION INFORMATION:
Special/Government library;
SUBJECT: Plastics, Metals, Ceram-
ics; COMPUTERS AND AUTOMAT-
ED SYSTEMS: Online Networks:
DOBIS; PERSONNEL: 2; ACQUI-
SITION BUDGET: M
Canada Institute for Scientific
and Technical Information
Industrial Materials Research
Institute Branch
75 de Montagne Blvd
Boucherville, Québec J4B 6Y4

Louise Venne
Tel: (514) 641-2280 ext 232
Fax: (514) 641-4627
Tlx: 055-61622

**CANADA INSTITUTE FOR
SCIENTIFIC AND TECHNICAL
INFORMATION (CISTI) –
INSTITUTE FOR RESEARCH
IN CONSTRUCTION
BRANCH**

COLLECTION INFORMATION:
Special/Government library;
COMPUTERS AND AUTOMATED
SYSTEMS: Online Networks: DOBIS;
PERSONNE: 5; ACQUISITIONS
BUDGET: M
Canada Institute for Scientific
and Technical Information
Institute for Research in
Construction Branch
National Research Council
Montreal Rd, Bldg M-20
Ottawa, Ontario K1A 0R6

J. Waudby-Smith
Tel: (613) 993-2466
Fax: (613) 954-5984
Tlx: 053-3115

**COMMUNICATIONS CANADA
– LIBRARY AND INFORMA-
TION RETRIEVAL SERVICES**

COLLECTION INFORMATION:
Special/Government library;
SUBJECT: Arts, Humanities, Culture,
Communications, Culture, Mass
Media, Data Processing, Canadian
Culture, Telecommunications;
SERVICES: Branches: 3, Inter-
Library Loan (ILL), Microform read-
er/copier; COMPUTERS AND AUTO-
MATED SYSTEMS: Hardware –
CDROM; Software – Lotus, Word-
Perfect; SYSTEMS APPLICATIONS:
online searching; Online Networks:
DOBIS, OLAM; PERSONNEL: 10;
ACQUISITIONS BUDGET: M
Library and Information
Retrieval Services
Communications Canada
300 Slater St. #1420
Ottawa, Ontario K1A 0C8

Claire Renaud-Frigo
Tel: (613) 990-4937
Fax: 990-7016
Tlx: 053-3342

**COMMUNICATIONS CANADA
– CANADIAN WORKPLACE
AUTOMATION RESEARCH
CENTRE**

COLLECTION INFORMATION:
Government library; SUBJECT: Com-
munications, Technology, Office
Automation, Expertsystems, Infor-
mation Management, Organizational
Impacts; SERVICES: Hours: M-F,
20 hrs/week, By permission only,
Inter-Library Loan (ILL), Microform
reader/copier; COMPUTERS AND
AUTOMATED SYSTEMS: Hardware –
Macintosh, Philips PC, IBM PC,
Compaq, HP3000, CDROM; Soft-
ware – Word, WordPerfect, Lotus
123, ERIC, BOOKS IN PRINT +,
COMPUTER LIB, SOFTWARE CD,
BOOKSHELF; SYSTEMS APPLICA-
TIONS: Online Searching, Word
Processing, Electronic, Communica

tions, Database Management, Spreadsheet; ONLINE NETWORKS: UTLAS, DOBIS; PERSONNEL: 4 professionals + 3 technicians + 2 Canadian Workplace Automation Research Centre
Communications Canada
1575 Chomedey
Laval, Québec H7V 2X2

Marcel Simoneau
Tel: (514) 682-3400
Fax: (514) 682-3400

DEPARTMENT OF FISHERIES AND OCEANS CANADA

COLLECTION INFORMATION: Special/Government Library; SERVICES: Inter-Library Loan (ILL); COMPUTERS AND AUTOMATED SYSTEMS: Online Networks: DOBIS; PERSONNEL: 6; ACQUISITION BUDGET: M
HQ Library

Department of Fisheries and Oceans Canada
200 Kent St., 10th Floor N.
Ottawa, Ontario K1A 0E6

Chiuneas Boyle
Tel: (613) 993-2926

DEPARTMENT OF NATIONAL DEFENCE – NATIONAL DEFENCE LIBRARY SERVICES

COLLECTION INFORMATION: Special/Government Library; SUBJECT: Military Art & Science, Naval Science, Military Canadiana; SPECIAL COLLECTIONS: Rare book collection (non-canadian Militaria) and Charles H. Stewart Collection; SERVICES: Branches: 8, Hours: M-F, 45 hrs/week, Inter-Library Loan (ILL), Photocopying (\$0.10), Microform reader/copier; COMPUTERS AND AUTOMATED SYSTEMS: Online Networks: UTLAS, OLAM; PERSONNEL: 8 professionals + 36; ACQUISITION BUDGET: L (\$600 000)
National Defence Library Services

Department of National Defence
101 Colonel By Dr.
Ottawa, Ontario K1A 0K2

R. Vandenberg
Tel: (613) 996-0930

DEPARTMENT OF NATIONAL DEFENCE – AIR TECHNICAL LIBRARY

COLLECTION INFORMATION: Special/Government library; SPECIAL COLLECTIONS: Aeronautical Collection; SERVICES: INTER-LIBRARY LOAN (ILL); COMPUTERS AND AUTOMATED SYSTEMS: Online Networks: DOBIS; PERSONNEL: 3; ACQUISITION BUDGET: M

Air Technical Library
Department of National Defence
CFB Ottawa (N) Bldg, 155W
Ottawa, Ontario K1A 0K2

L. McKim
Tel: (613) 993-2105

DEPARTMENT OF NATIONAL DEFENCE – COMMUNICATIONS AND ELECTRONIC ENGINEERING LIBRARY

COLLECTION INFORMATION: Special/Government library; SERVICES: Microform reader; PERSONNEL: 2; ACQUISITIONS BUDGET: M

Communications and Electronic Engineering Library
Department of National Defence
101 Colonel By Drive
Ottawa, Ontario K1A 0K2

Y.M. Levesque
Tel: (613) 996-6296

DEPARTMENT OF NATIONAL DEFENCE – MAPPING AND CHARTING ESTABLISHMENT LIBRARY

COLLECTION INFORMATION: Special/Government library; SUBJECT: Physical Sciences, Maps, Earth Sciences; SPECIAL COLLECTIONS: Map and historical collec

tion; COMPUTERS AND AUTOMATED SYSTEMS: Hardware-HYPERION; SYSTEMS APPLICATIONS: Word Processing, Cataloguing, Circulation; ONLINE NETWORKS: UTLAS; PERSONNEL: 1; ACQUISITIONS BUDGET: S
Mapping and Charting Establishment Library
Department of National Defence
675 Booth St.
Ottawa, Ontario K1A 0K2

Sgt E. Therien
Tel: (613) 995-4411

DEPARTMENT OF NATIONAL DEFENCE – MARITIME TECHNICAL LIBRARY

COLLECTION INFORMATION: Special/Government library; SUBJECT: Naval Arts and Science, Shipbuilding and Maintenance; SERVICES: Microform reader/copier; PERSONNEL: 2 + 1 pt; ACQUISITIONS BUDGET: M
Maritime Technical Library
Department of National Defence
101 Colonel By Drive, 3 Level LSTL
Ottawa, Ontario K1A 0K2

Diane Shaver
Tel: (819) 994-9200, 994-9201

ENERGY, MINES AND RESOURCES CANADA – HEADQUARTERS LIBRARY

COLLECTION INFORMATION: Special/Government library; SUBJECT: Energy Policy and Statistics, Mining Taxation and Legislation; SPECIAL COLLECTIONS: Energyfiche 1971-82, Departmental Energy and Mineral Policy Sector Publications; SERVICES: Inter-Library Loan (ILL), Microform reader/copier; COMPUTERS AND AUTOMATED SYSTEMS: Hardware – AT&T PC6300; Software – Foxbase, Norton Advanced Utilities, WordPerfect, Lotus 123, Supercalc 4, Procite, Procomm, dBase III; SYSTEMS

APPLICATIONS: Online Searching, Word Processing, Cataloguing, Database Management; ONLINE NETWORKS: UTLAS, OLAM; PERSONNEL: 10; ACQUISITIONS BUDGET: L (\$229 500)
Headquarters Library
Energy, Mines and Resources Canada
580 Booth St.
Ottawa, Ontario K1A 0E4

F.B. Scollie

Tel: (613) 996-8282
Fax: (613) 996-6424
Tlx: 053-3117

ENERGY, MINES AND RESOURCES CANADA – CANADA CENTRE FOR REMOTE SENSING

COLLECTION INFORMATION: Special/Government library;
SUBJECT: Earth Sciences, Maps, Energy and Mineral Resources, Remote Sensing, Photogrammetry;
SERVICES: Hours: M-F, 40 hrs/week, Inter-Library Loan (ILL), photocopying, Microform reader, Online searching; COMPUTERS AND AUTOMATED SYSTEMS: Hardware – IBM compatible; SYSTEMS APPLICATIONS: Online Searching, Cataloguing, Circulation, Database Management, Word Processing; ONLINE NETWORKS: CAN/OLE, RESORS, UTLAS; PERSONNEL: 2 professionals + 2 technicians; ACQUISITIONS BUDGET: S
Canada Centre for Remote Sensing
Energy, Mines and Resources Canada

1547 Merivale Rd
Emerald Plaza, 4th Floor
Ottawa, Ontario K1A 0E4

Brian McGurrin

Tel: (613) 952-2716, 952-2701
Fax: (613) 952-7353
Tlx: 053-3777

ENERGY, MINES AND RESOURCES CANADA – CARTOGRAPHIC INFORMATION AND DISTRIBUTION SERVICES

COLLECTION INFORMATION: Special/Government library;
SUBJECT: Maps, Surveying;
SERVICES: Inter-Library Loan (ILL), Microform reader; COMPUTERS AND AUTOMATED SYSTEMS: Online Network: DOBIS;
PERSONNEL: 4; ACQUISITIONS BUDGET: S

Cartographic Information and Distribution Services
Energy, Mines and Resources Canada
615 Booth St.

Ottawa, Ontario K1A 0E9
Tel: (613) 995-4071

ENERGY, MINES AND RESOURCES CANADA – GEOLOGICAL SURVEY OF CANADA: INSTITUTE OF SEDIMENTARY AND PETROLEUM

COLLECTION INFORMATION: Special/Government library;
PERSONNEL: 4; ACQUISITIONS BUDGET: M

Geology Library
Geological Survey of Canada
Energy, Mines and Resources Canada
3303 33rd St NW
Calgary, Alberta T2L 2A7

Tel: (403) 284-0301
Fax: (403) 292-5377

ENERGY, MINES AND RESOURCES CANADA – CANADA CENTRE FOR MINERAL AND ENERGY TECHNOLOGY (CANMET)

COLLECTION INFORMATION: Special/Government library;
SUBJECT: Energy, Earth Sciences, Coal Mining, Fuels Technology;

SERVICES: Inter-Library Loan (ILL), Microform reader; COMPUTERS AND AUTOMATED SYSTEMS: Hardware – Osborne Executive; SYSTEMS APPLICATIONS: Word Processing, Online Searching; ONLINE NETWORKS: UTLAS, OLAM; PERSONNEL: 12 + 2 pt + 1 v; ACQUISITIONS BUDGET: L (\$592 000)
Canada Centre for Mineral and Energy Technology (CANMET)
Energy, Mines and Resources Canada
555 Booth St
Ottawa, Ontario K1A 0G1

Gloria M. Peckham

Tel: (613) 995-4132
Fax: (613) 952-2587
Tlx: 053-3395

ENVIRONMENT CANADA – DEPARTMENTAL LIBRARY

COLLECTION INFORMATION: Special/Governmental library;
SUBJECT: Life Sciences, Natural Resources, Conservation, Environmental Management, Land Use, Water Resources, Wildlife Management and Research; SERVICES: Hours: M-F, 40 hrs/week, Inter-Library Loan (ILL), Photocopying, Microform reader/copier; COMPUTERS AND AUTOMATED SYSTEMS: Hardware – IBM PC, Olivetti Personal Computer M24, Compaq, CDROM; Software – Inmagic, Pro Search, Lotus 123; SYSTEMS APPLICATIONS: Database Management, Online Searching, Word Processing, Cataloguing, Circulation, Spreadsheet, Vertical files, Translation; ONLINE NETWORKS: DIALOG, QUESTEL, INFO GLOBE, QL, INFORMART, CAN/OLE, ORBIT, STN, MEDLINE, ELIAS, OLAM; PERSONNEL: 9 professionals + 2 technicians + 10; ACQUISITIONS BUDGET: L (\$600 000)
Departmental Library
Environment Canada
Ottawa, Ontario K1A 0H3

Agatha Bystram

Tel: (819) 997-2575
Fax: 997-1929
Tlx: 053-3188

FORESTRY CANADA

COLLECTION INFORMATION:
Special/Government library;
SUBJECT: Natural Resources, Conservation, Environment, Forest and Forestry, Forest Ecology, Forest Entomology, Forest Products and Trade, Silviculture; SPECIAL COLLECTIONS: Yale Forestry Collection, Depository for all the Forestry Canada publications; SERVICES: Branches: 6, Hours: M-F, 40 hrs/week, Inter-Library Loan (ILL), Photocopying, Microform reader; COMPUTERS AND AUTOMATED SYSTEMS: Online Networks: DOBIS; PERSONNEL: 1 professional + 1 technician; ACQUISITIONS
BUDGET: M (\$55 000)

Forestry Canada –
Headquarter Library
Place Vincent Massey
351 St Joseph Blvd, 19th Floor
Hull, Québec K1A 1G5

Susan Davidson

Tel: (819) 997-1107
Fax: (819) 997-8697

**HEALTH AND WELFARE
CANADA – HEALTH
PROTECTION BRANCH**

COLLECTION INFORMATION:
Special/Government library;
SUBJECT: Health Sciences,
Medicine, Nursing, Pharmacology;
SERVICES: Branches: 13
Banting Research Centre
Health and Welfare Canada
Tunney's Pasture
Ottawa, Ontario K1A 0L2

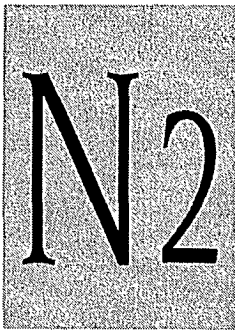
Bonita Stableford

Tel: (613) 957-1026
Fax: (613) 957-1907

**INDUSTRY, SCIENCE AND
TECHNOLOGY CANADA –
DEPARTMENTAL LIBRARY**

COLLECTION INFORMATION:
Special/Governmental Library;
SUBJECT: Science Policy, Technology Policy, Regional Policy and Development, Industrial Policy;
SERVICES: Inter-Library Loan (ILL);
PERSONNEL: 11; ACQUISITION
BUDGET: L
Departmental Library
Industry, Science
and Technology Canada
235 Queen St.
Ottawa, Ontario K1A 0H5
Rise Segall
Tel: (613) 954-2728
Fax: (613) 954-1894
Tlx: 053-4123





SPECIAL LIBRARIES

N2: PROVINCIAL GOVERNMENTS

■ Alberta

ALBERTA OIL SANDS TECHNOLOGY AND RESEARCH AUTHORITY

COLLECTION INFORMATION: Special/Government Library; SUBJECT: Oil Sands, Heavy Oil, Enhanced Recovery Processes; SERVICES: Inter-Library Loan (ILL); PERSONNEL: 12; ACQUISITIONS BUDGET: S

Helga Petri

Alberta Oil Sands Technology and Research Authority
Highfield Place
10010 106th St., 6th Floor
Edmonton, Alberta T5J 3L8
Tel: (403) 427-8382
Fax: (403) 422-9112
Tlx: 037-3519

■ Nfld.

CANADA- NEWFOUNDLAND OFFSHORE PETROLEUM BOARD

COLLECTION INFORMATION: Special/Government library; SUBJECT: Offshore Petroleum Engineering; SERVICES: Microform reader; COMPUTERS AND AUTOMATED SYSTEMS: Hardware - Olivetti PC compatible; Software - Inmagic; SYSTEMS APPLICATIONS: Word

Processing, Cataloguing, Database Management; PERSONNEL: 1; ACQUISITIONS BUDGET: S

Heddy Peddle

Library
Canada-Newfoundland
Offshore Petroleum Board
140 Water St.
TD PI #500
St John's, Newfoundland A1C 6H6
Tel: (709) 778-1450
Tlx: 016-4031

■ Ontario

ONTARIO CAD/CAM CENTRE

COLLECTION INFORMATION: Special library; SUBJECT: Technology, CAD/CAM/CAE/CIM, Robotics, Manufacturing Software, High Performance Manufacturing, Desktop Publishing; SPECIAL COLLECTIONS: Vendor Files, Software and Software documentation, Slides and Video Collection, Vertical File; SERVICES: Hours: M-F, 42.5 hrs/week, Inter-Library Loan (ILL), Photocopying (\$5.00/document), Microform reader; COMPUTERS AND AUTOMATED SYSTEMS: Hardware - OTIN/OLAM; SYSTEMS APPLICATIONS: Online Searching, Cataloguing, Electronic Communications, Serials; ONLINE NET-

WORKS: DIALOG, CSG, INFO GLOBE, FP ONLINE, INFOMART, SSA, ITI- AMTECH; PERSONNEL: 1 professional + 1 pt

Anna Larson

Information Centre
Ontario CAD/CAM Centre
400 Collier-Macmillan Drive
Cambridge, Ontario N1R 7H7
Tel: (519) 622-3100 ext 223
Fax: (519) 622-3609

ONTARIO CENTRE FOR ADVANCED MANUFACTURING (OCAM)

COLLECTION INFORMATION: Special library; SUBJECT: Advanced Manufacturing, CAD/CAM, CIM, Robotics; SERVICES: Microform reader; SYSTEMS APPLICATIONS: Online Searching, Word Processing, Cataloguing, Database Management, Communications, Spreadsheet; ONLINE NETWORKS: UTLAS, OLAM; * Member of Ontario Technical Information Network; PERSONNEL: 1

Brenda Bowie

Information Centre
Ontario Centre for Advanced Manufacturing
400 Collier-Macmillan Dr
Cambridge, Ontario N1R 7H7
Tel: (519) 622-3100
Fax: (519) 622-3609

ONTARIO MINISTRY OF ENERGY

COLLECTION INFORMATION: Special/Government library;
SUBJECT: Energy, Mineral Resources, Conventional Energy, Energy Policy, Energy Conservation, Renewable Energy, Energy Technology; **SPECIAL COLLECTIONS:** Selected reports and decisions of Ontario Energy Board and National Energy Board, Energy related Annual Reports and Ministry publications;
SERVICES: Hours: M-F, 42.5 hrs/week, By permission only; Inter-Library Loan (ILL), Photocopying;
COMPUTERS AND AUTOMATED SYSTEMS: Hardware - IBM PC and compatibles, IBM AT, Novell, Waterloo Port; Software - Sydney Libr Sys ;
SYSTEMS APPLICATIONS: Online Searching, Word Processing, Cataloguing, Spreadsheet, Database Management, Acquisitions; **ONLINE NETWORKS:** DIALOG, INFO GLOBE, QU, INFOMART, CAN/OLE, FP

ONLINE, STN, OLAM; PUBLICATIONS: What's New (monthly), Upcoming Conferences (4pa);
PERSONNEL: 2 professionals + 3 technicians ; **ACQUISITIONS BUDGET:** S (\$15 000)
Diane Wenzel
Information Resource Centre
Ontario Ministry of Energy
56 Wellesley St. W., 10th Floor
Toronto, Ontario M7A 2B7
Tel: (416) 965-9174

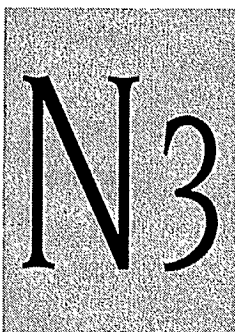
ONTARIO OFFICE OF THE FIRE MARSHAL

COLLECTION INFORMATION: Special/Government library;
SUBJECT: Physical Sciences, Engineering, Technology, Fire Prevention, Fighting, Investigation, Management, Hazardous Materials, Health & Safety, Building Construction, Arson, Codes; **SPECIAL COLLECTIONS:** Collection of ULC standards; CSA standards; NFPA codes; Building and fire codes; **SERVICES:**

Hours: M-F, 38.75 hrs/week, Inter-Library Loan (ILL), Microform reader/copier, Online searching; **COMPUTERS AND AUTOMATED SYSTEMS:** Hardware - IBM PS2; Software - Lotus 123, Inmagic, WordPerfect; **SYSTEMS APPLICATIONS:** Spreadsheet, Online Searching, Word Processing, Database Management, Acquisitions/Ordering, ILL; **ONLINE NETWORKS:** DIALOG, QL, CAN/OLE; **PUBLICATIONS:** Ministry acquisitions list; * Part of division of Public Safety in Ontario Ministry of Solicitor General; member of OGLC & inFIRE Network;
PERSONNEL: 2; **ACQUISITION BUDGET:** S (\$23 000)

Jean Chong

Fire Sciences Library
Ontario Office of the Fire Marshall
7 Overlea Blvd, 3rd Floor
Toronto, Ontario M4H 1A8
Tel: (416) 965-4855
Fax: (416) 965-7620



SPECIAL LIBRARIES

N3: PRIVATE SECTOR

■ Alberta

COAL ASSOCIATION OF CANADA

COLLECTION INFORMATION:
Special library; SUBJECT: Mining, Coal Industry, Energy, Earth Sciences, Physical Sciences, Engineering, Technology, Natural Resources, Conservation;
PERSONNEL: 1; ACQUISITIONS BUDGET: M

W.J. Wood

Information Services
Coal Association of Canada
205 9th Ave, Suite #502
Calgary, Alberta T2G 0R3
Tel: (403) 262-1544
Fax: (403) 265-7604
Tlx: 03-827596

INSTRUMENT SOCIETY OF AMERICA

COLLECTION INFORMATION:
Special library; SUBJECT: Physical Sciences, Engineering, Technology
640 5th Ave SW, 2nd Fl
Calgary, Alberta T2P 3G4
Tel: (403) 264-8522

■ B.C.

ALCAN SMELTERS AND CHEMICALS

COLLECTION INFORMATION:
Special library; SUBJECT: Natural Resources, Physical Sciences, Engineering, Technology, Aluminium Production; SERVICES: Inter-Library Loan (ILL), Microform reader/copier; PERSONNEL: 2; ACQUISITION BUDGET: S

Nora Brown

Technical Library
Alcan Smelters and Chemicals
PO Box 1800
Kitimat, British Columbia V8C 2H2
Tel: (604) 632-3111

■ Manitoba

CHURCHILL NORTHERN STUDIES CENTRE

COLLECTION INFORMATION:
Special Library; ACQUISITIONS BUDGET: M
Library
Churchill Northern Studies Centre
PO Box 610
Churchill, Manitoba R0B 0E0
Tel: (204) 675-2307

■ N.B.

CANADIAN REHABILITATION COUNCIL FOR THE DISABLED: NEW BRUNSWICK BRANCH

COLLECTION INFORMATION:
Special library; SUBJECT: Handicapped, Medicine, Education, Technology, Physical Disabilities, Rehabilitation, Disabled- Technical Aids, Deafness; SPECIAL COLLECTIONS: CRCD Catalogues and Pamphlets; Conference Materials; Annual reports and newsletters of similar agencies in North America; SERVICES: By permission only; COMPUTERS AND AUTOMATED SYSTEMS: Software-dBase 3.0; ONLINE NETWORKS: DISC, PHOENIX

Linda Melanson

Victoria Health Centre
65 Brunswick St, 6th Fl
Fredericton NB E3B 1G5
Tel: (506) 458-8739
Fax: (506) 453-1723

■ **Nfld.**

**MARINE INSTITUTE:
NEWFOUNDLAND AND
LABRADOR INSTITUTE
OF FISHERIES AND TECH-
NOLOGY**

COLLECTION INFORMATION:
Special/College library; SUBJECT:
Engineering, Technology, Food,
Fisheries, Naval Architecture,
Marine Engineering, Food Technol-
ogy, Marine Emergency Duties,
Nautical Science Electronics;
PERSONNEL: 2 + 1 pt; ACQUI-
SITION BUDGET: S

Mabel Farmer

Library
Newfoundland and Labrador
Institute of Fisheries and
Technology
PO Box 4920
St John's, Newfoundland A1C 5R3
Tel: (709) 778-0458

■ **Ontario**

**ATOMIC ENERGY
OF CANADA LIMITED**

COLLECTION INFORMATION:
Special library; SUBJECT: Nuclear
Science and Technology; SPECIAL
COLLECTIONS: National depository
for literature in Nuclear Science and
Technology; SERVICES: Hours: M-F,
40 hrs/week, Inter-Library Loan (ILL),
Photocopying (\$0.40), Microform
reader/copier, Online Searching (fee);
COMPUTERS AND AUTOMATED
SYSTEMS: Hardware - CDC CYBER
830, IBM Compatible, CDROM; Soft-
ware - Science citation, NTW, INTIS,
CCINFO; SYSTEMS APPLICATIONS:
Online Searching, Word Processing,
Electronic Communications, Cata-
loguing, Database Management, Cir-
culation, Acquisitions; ONLINE NET-
WORKS: DIALOG, INFO GLOBE, OL,
INFOMART, CAN/OLE, FP ONLINE,
STN, OLAM; PERSONNEL: 5 profes-
sionals + 10; ACQUISITIONS
BUDGET: L (\$360 000)

Ozzie Tatone

Chalk River Nuclear Laboratories
Main Library
Atomic Energy of Canada Limited
Chalk River, Ontario K0J 1J0
Tel: (613) 584-3311 ext 4634
Fax: (613) 589-2039

**BELL-NORTHERN
RESEARCH**

COLLECTION INFORMATION:
Special Library; SUBJECT: Telecom-
munications, Electronics, Office
Systems; SERVICES: Inter-Library
Loan (ILL); COMPUTERS AND
AUTOMATED SYSTEMS: Online
Networks: OLAM; PERSONNE: 28;
ACQUISITIONS BUDGET: M

Grant Birks

Information Resource Centre
Bell-Northern Research
Department 8Y00
PO Box 3511, Station "C"
Ottawa, Ontario K1Y 4H7
Tel: (613) 763-2967
Fax: (613) 763-4282
Tlx: 053-3175

**CANADA WIRE AND
CABLE LIMITED**

COLLECTION INFORMATION:
Special Library; SUBJECT: Physical
Sciences, Engineering, Technology;
SERVICES: Inter-Library Loan (ILL);
PERSONNEL: 1 + 1 pt; ACQUI-
SITIONS BUDGET: S

Dianne Crompton

Technical Library
Canada Wire and Cable Limited
22 Commercial Rd
PO Box 11300, Station "H"
Toronto, Ontario M4G 3W1
Tel: (416) 467-4079
Fax: (416) 421-4779
Tlx: 053-3283

**CANADIAN FUSION FUELS
TECHNOLOGY PROJECT**

COLLECTION INFORMATION:
Special library; SUBJECT: Energy,
Technology, Fusion Fuels Technolo-
gy, Fusion Materials, Tritium Safety;

SPECIAL COLLECTIONS: Annual
Reports; Technical Reports, Slide
Collection, Video Collection;
SERVICES: Hours: M-F, 40 hrs/week,
By permission only, ILL, Photocopy-
ing, Microform reader; COMPUTERS
AND AUTOMATED SYSTEMS: Sys-
tems Applications: Cataloguing,
Electronic Communications;
PERSONNEL: 1 professional + 1 pt

Janine Nieswandt

Information Resource Centre
Canadian Fusion Fuels
Technology Project
2700 Lakeshore Rd W.
Mississauga, Ontario L5J 1K3
Tel: (416) 823-0200
Fax: (416) 823-8020
Tlx: 06-982333

**CANADIAN INSTITUTE OF
STEEL CONSTRUCTION**

COLLECTION INFORMATION:
Special library; PERSONNEL: 1 pt;
ACQUISITIONS BUDGET: S

Wulf Kahl

Head Office Library
Canadian Institute of Steel
Construction
201 Consumers Rd #300
PO Box 488, Station "A"
Willowdale, Ontario M2J 4G8
Tel: (416) 491-4552
Fax: (416) 491-6461

**CANADIAN STANDARDS
ASSOCIATION**

COLLECTION INFORMATION:
Special library; SUBJECT: Engineer-
ing Standards; SPECIAL COLLEC-
TIONS: Standards Collections:
AFNOR, ANSI, BSI, DIN, CSA, CGSB,
ASME/BPVC; SERVICES: Hours:
M-F, 41 hrs/week, Inter-Library Loan
(ILL), Photocopying, Microform read-
er, Online searching (fee); COMPUT-
ERS AND AUTOMATED SYSTEMS:
Hardware - Datapoint, IBM XT,
AS400, Compaq, CDROM; Software -
CCOHS INFO; SYSTEMS APPLICA-
TIONS: Online Searching, Word Pro-
cessing, Cataloguing, Database Man-

agement, Spreadsheet; ONLINE NETWORKS: DOBIS, DIALOG, INFO-MART, CAN/OLE, INGO GLOBE, FP ONLINE, QL, BRS; PERSONNEL: 2 professionals + 1 technician; ACQUISITIONS BUDGET: M

Sandra Marshall
Information Centre
Canadian Standards Association
178 Rexdale Blvd
Rexdale, Ontario M9W 1R3
Tel: (416) 747-4058
Fax: (416) 747-2475

CENTRAL CANADA GROCERS INC.

COLLECTION INFORMATION: Special library; SUBJECT: Technology, Computer Hardware and Software; SERVICES: Hours: M-F, 40 hrs/week; PERSONNEL: 1 professional

Ghyslain Sabourin
ISD Technical Library
Central Canada Grocers Inc.
6 Monogram Place
Weston, Ontario M9R 4C4
Tel: (416) 246-7665
Fax: (416) 246-7852

C-I-L PAINTS

COLLECTION INFORMATION: Special library; SUBJECT: Physical Sciences, Technology, Paint, Polymer, Chemistry; SERVICES: Inter-Library Loan (ILL), Microform reader; COMPUTERS AND AUTOMATED SYSTEMS: Hardware - Digital; SYSTEMS APPLICATIONS: Online Searching, Word Processing; PERSONNEL: 2

M.E. Fitzpatrick
Technical Information Centre
C-I-L Paints
1330 Castlefield Ave
Toronto, Ontario M6B 4B3
Tel: (416) 787-2411 ext 262, ext 263
Fax: (426) 787-1574
Tlx: 06-969565

ENERGY CONVERSION SYSTEMS

COLLECTION INFORMATION: Special Library; SUBJECT: Nuclear Reactor and Energy Plant Design; SERVICES: Microform reader/copier; COMPUTERS AND AUTOMATED SYSTEMS: Hardware - IBM PC; SYSTEMS APPLICATIONS: Online Searching; PERSONNEL: 1; ACQUISITIONS BUDGET: S

Bonnie Lissel
Library
Energy Conversion Systems
1500-112 Kent St, Tower B
Ottawa, Ontario K1P 5P2
Tel: (613) 236-3920
Tlx: 053-3806

THE EXPERIMENTAL AIRCRAFT ASSOCIATION OF CANADA

COLLECTION INFORMATION: Special Library; SUBJECT: Aerodynamics, Physical Sciences, Engineering, Technology, Transportation; SERVICES: Closed to public, Photocopying (\$0.05), Online searching (fee); COMPUTERS AND AUTOMATED SYSTEMS: Hardware-IBM compatible; SYSTEMS APPLICATIONS: Database Management, Electronic Communications, Online Searching, Word Processing; ONLINE NETWORKS: IN-HOUSE

George Opacic
4357 Mount Royal Blvd
Windsor ON
N9G 2C5
Tel: (519) 977-8068
Fax: (519) 253-0019

FIBERGLASS CANADA INC.

COLLECTION INFORMATION: Special library; SUBJECT: Economics, Industry, Physical Sciences, Engineering, Chemistry; SERVICES: Inter-Library Loan (ILL), Microform reader/copier; COMPUTERS AND AUTOMATED SYSTEMS: Hardware - IBM PC AT; Software - Lotus, Multi-mate, dBase III+; SYSTEMS APPLI-

CATIONS: Online Searching, Database Management; ONLINE NETWORKS: OLAM; PERSONNEL: 1 + 2 pt

Lee Anne Bice
Information Centre
Fiberglass Canada Inc.
PO Box 3049
Sarnia, Ontario N7T 7X4
Tel: (519) 336-5670

LABATT BREWING COMPANY LIMITED

COLLECTION INFORMATION: Special library; SUBJECT: Food, Physical Sciences, Technology; SPECIAL COLLECTIONS: Chemical Abstracts, vol.1, 1907- ; SERVICES: Inter-Library Loan (ILL); COMPUTERS AND AUTOMATED SYSTEMS: Hardware - Digital VT 100; SYSTEMS APPLICATIONS: Online Searching, Word Processing, Cataloguing, Circulation, In-house Filing System; PERSONNEL: 2; ACQUISITIONS BUDGET: M (\$125 000)

Marliese Legwaldt
Central Research Library
Labatt Brewing Company Limited
150 Simcoe Street
PO Box 5050
London, Ontario N6A 4M3
Tel: (519) 667-7355
Fax: (519) 667-7304

MOLSON BREWERIES

COLLECTION INFORMATION: Special library; SUBJECT: Physical Sciences, Engineering, Technology, Brewing, Microbiology; SERVICES: ILL; COMPUTERS AND AUTOMATED SYSTEMS: Hardware-IBM; SYSTEMS APPLICATIONS: Online Searching, Cataloguing, Circulation; ONLINE NETWORKS: DIALOG, BREW INFO; PERSONNEL: 1; ACQUISITION BUDGET: M

Ann Hawley
Information Centre
Molson Breweries
2486 Dunwin Drive
Mississauga, Ontario L5L 1J9

Tel: (416) 828-1786
Fax: (416) 828-1378
Tlx: 06-928206

TORONTO INSTITUTE OF MEDICAL TECHNOLOGY

COLLECTION INFORMATION:
Special/College library; SUBJECT: Medicine, Health Sciences, Medical Technology, Cytotechnology; SERVICES: Hours: M-Sa, 76 hrs/week, Inter-Library Loan (ILL), Photocopying; COMPUTERS AND AUTOMATED SYSTEMS: Hardware - Compaq 286, IBM PC XT, IBM PCs, Novell; Software - Syndey's Micro Library, Smartcom II; SYSTEMS APPLICATIONS: Cataloguing, Circulation, Acquisitions, Serials Management, Online Searching, OPAC; ONLINE NETWORKS: DIALOG, MEDLARS, OLAM; PERSONNEL: 1 professional + 2 technicians + 4 + 1 pt; ACQUISITIONS BUDGET: S (\$44 000)

Raymond Banks

Library
Toronto Institute of Medical Technology
222 St Patrick St.
Toronto, Ontario M5T 1V4
Tel: (416) 596-3123
Fax: (416) 596-3124

WELDING INSTITUTE OF CANADA

COLLECTION INFORMATION:
Special library; SUBJECT: Welding, Metallurgy; COMPUTERS AND AUTOMATED SYSTEMS: Hardware - Radio Shack Model 16; Software - Profile 16; SYSTEMS APPLICATIONS: Online Searching, Cataloguing, Database Management; PERSONNEL: 1; ACQUISITIONS BUDGET: M

B. Bryan

Library
Welding Institute of Canada
391 Burnhamthorpe Road E
Oakville, Ontario L6J 6C9
Tel: (416) 845-9881

XEROX RESEARCH CENTRE OF CANADA

COLLECTION INFORMATION:
Special library; SUBJECT: Chemistry, Chemical Engineering; SERVICES: Hours: M-F, 42.5 hrs/week, By permission only, Inter-Library Loan (ILL), Microform reader/copier; COMPUTERS AND AUTOMATED SYSTEMS: Hardware - VAX 750, Xerox 6085, IBM compatible, LAN, CDROM, Ethernet; Software - Basis, Books in Print+, Ulrich's+; SYSTEMS APPLICATIONS: Online Searching, Word Processing, Cataloguing, Database Management, Circulation, Communications, Acquisitions; ONLINE NETWORKS: DIALOG, INFO GLOBE, INFOMART, CAN/OLE, STN, ORBIT, UTLAS; PERSONNEL: 1 professional + 1 technician + 5; ACQUISITIONS BUDGET: M

Carolyn Sidey

Technical Information Centre
Xerox Research Centre of Canada
2660 Speakman Drive
Mississauga, Ontario L5K 2L1
Tel: (416) 823-7091
Fax: (416) 822-7022

■ Québec

ALCAN INTERNATIONAL LTD.

COLLECTION INFORMATION:
Special library; SUBJECT: Aluminium Industry; SERVICES: Inter-Library Loan (ILL), Photocopying; COMPUTERS AND AUTOMATED SYSTEMS: Hardware - VAX; PERSONNEL: 11; ACQUISITIONS BUDGET: M

Paquerette LeClerc

Centre de Documentation Technique
Alcan International Ltd. CP 1250
Jonquiere, Québec G7S 4K8
Tel: (418) 699-2844
Fax: (418) 699-3996
Tlx: 05-25236

CENTRE DE DÉVELOPPEMENT DES INDUSTRIES DE LA MODE

COLLECTION INFORMATION:
Special library; SUBJECT: Economy, Technology, Industry, Current Events, Automation, International Business, Professional Training, Statistics, Garment Technology, Textiles and Frabrics, Clothing; SERVICES: Closed to the public, Photocopying; PERSONNEL: 1

Sylvie Major

Centre de documentation
Centre de développement des industries de la mode
555, rue Chabanel O #800
Montreal, Québec H2N 2H8
Tel: (514) 384-9760

INSTITUT DE RECHERCHE D'HYDRO-QUÉBEC

COLLECTION INFORMATION:
Special library; SUBJECT: Energy, Natural Resources, Physical Sciences, Engineering, Technology, Electricity Research, Physics, Chemistry, Data Processing; SERVICES: Inter-Library Loan (ILL); COMPUTERS AND AUTOMATED SYSTEMS: Hardware - HP 150; Software - Basis; SYSTEMS APPLICATIONS: Online Searching, Cataloguing, Database Management, Circulation; ONLINE NETWORKS: RIDAQ; PERSONNEL: 4; ACQUISITIONS BUDGET: L (\$240 000)

Roger Drouin

Bibliothèque
Institut de Recherche d'Hydro-Québec
1800, mtee Ste-Julie
CP 1000
Varennes, Québec J0L 2P0
Tel: (514) 652-8023
Fax: (514) 652-8435
Tlx: 05-267486

INSTITUT DE TECHNOLOGIE AGRO-ALIMENTAIRE DE ST-HYACINTHE

COLLECTION INFORMATION:
Special Library; SUBJECT: Agricul-

ture, Nutrition, Biology, Technology, Botany, Entomology, Fish Farming; SERVICES: Inter-Library Loan (ILL), Microform reader/copier; COMPUTERS AND AUTOMATED SYSTEMS: Hardware - IBM; Software - Edibase; APPLICATIONS: Online Searching, Word Processing; Database Management; PERSONNEL: 2 + 2 pt

Robert Millette

Centre de documentation
Institut de Technologie
Agro-Alimentaire de St-Hyacinthe
3230, rue Sicotte
St-Hyacinthe, Québec J2S 2M2
Tel: (514) 773-7401

LAFARGE CANADA INC.

COLLECTION INFORMATION:
Special library; SUBJECT: Physical Sciences, Engineering, Technology; SERVICES: ILL, Microform reader/copier; COMPUTERS AND AUTOMATED SYSTEMS: Hardware-Macintosh; SYSTEMS APPLICATIONS: Online Searching, Database Management

Irene M. Paulmier

6150 Royal Mount Ave
Montréal (Québec) H4P 2R3
Tel: (514) 738-1202 ext 274
Fax: (514) 738-1124
Tlx: 05-825784

**ORDRE DES INGENIEURS
DU QUÉBEC**

COLLECTION INFORMATION:
Special Library; SUBJECT: Engineering and technology; SPECIAL COLLECTIONS: OIQ personnel files

Jeanne Paquin

Centre de documentation
Ordre des ingenieurs du Québec
2020, rue University, 14e étage
Montreal, Québec H3A 2A5
Tel: (514) 845-6141
Fax: (514) 845-1833

**PULP AND PAPER
RESEARCH INSTITUTE
OF CANADA (PAPRICAN)**

COLLECTION INFORMATION:
Special library; SUBJECT: Engineering, Technology, Environment, Physical Sciences, Pulp and Paper, Chemistry, Physics, Environmental Sciences, Measurements and Standards; SERVICES: Branches: 3, Inter-Library Loan (ILL), Microform reader/copier; COMPUTERS AND AUTOMATED SYSTEMS: Hardware - IBM AT, IBM XT, Compaq Deskpro 286; Software - Inmagic, WordPerfect; SYSTEMS APPLICATIONS: Online Searching, Word Processing, Cataloguing, Database Management, Communications; ONLINE NETWORKS: DOBIS; PERSONNEL: 4.5;

Sylvia McVicar

Library
Pulp and Paper Research
Institute of Canada (PAPRICAN)
570 St John's Blvd
Pointe Claire (Québec) H9R 3J9
Tel: (514) 630-4100
Fax: (514) 630-4134
Tlx: 05-821541

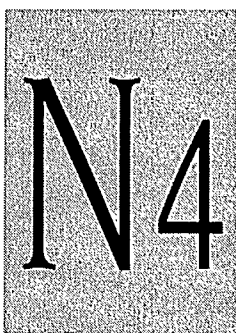
VIA RAIL CANADA INC.

COLLECTION INFORMATION:
Special library; SUBJECT: Technology, Data Processing; SERVICES: Closed to public, Inter-Library Loan (ILL), Photocopying; COMPUTERS AND AUTOMATED SYSTEMS: Systems Applications: Online Searching; ONLINE NETWORKS: DIALOG; PERSONNEL: 1 technician + 1

Karen Hammond

Documentation Centre /
Information Service
Via Rail Canada Inc.
2 Pl Ville Marie #400
Montreal, Québec M3B 4M7
Tel: (514) 871-6982





N: SPECIAL LIBRARIES

N4: UNIVERSITIES

■ Alberta

UNIVERSITY OF CALGARY: GALLAGHER LIBRARY OF GEOLOGY AND GEOPHYSICS

COLLECTION INFORMATION: Special/University library; SUBJECT: Energy, Natural Resources, Physical Sciences, Earth Sciences, Mineral Resources, Sedimentary and Petroleum Geology, Geophysics; SERVICES: Inter-Library Loan (ILL), Photocopying (\$0.10), Microform reader, Online searching (fee); COMPUTERS AND AUTOMATED SYSTEMS: Hardware - Macintosh; Software - Smartcom II, DW4, Lotus 123, Inmagic; SYSTEMS APPLICATIONS: Online Searching, Word Processing, Database Management, Electronic Communications, Circulation, Spreadsheet; ONLINE NETWORKS: DIALOG, CAN/OLE, ORBIT, SPIRES; PERSONNEL: 1 professional + 2

Marjorie (Midge) King

Gallagher Library of Geology and Geophysics
Earth Sciences Bldg, 1st Floor
University of Calgary
2500 University Dr. NW
Calgary, Alberta T2N 1N4
Tel: (403) 220-6042
Fax: (403) 282-6837

■ B.C.

MEMORIAL UNIVERSITY OF NEWFOUNDLAND: OCEAN ENGINEERING INFORMATION CENTRE

COLLECTION INFORMATION: Special/University library; SUBJECT: Physical Sciences, Engineering, Technology; SERVICES: Inter-Library Loan (ILL), Microform reader; COMPUTERS AND AUTOMATED SYSTEMS: Hardware - IBM compatibles; SYSTEMS APPLICATIONS: Online Searching, Word Processing, Database Management; PERSONNEL: 3 + 1 pt; ACQUISITIONS BUDGET: \$ (\$10 000)

Judith A. Whittick

Ocean Engineering
Information Centre
Memorial University of
Newfoundland
St John's, Newfoundland A1B 3X5
Tel: (709) 737-8377
Fax: (709) 737-4706

■ Ontario

UNIVERSITY OF TORONTO - SCIENCE AND MEDICINE LIBRARY

COLLECTION INFORMATION: Special/University library; SUBJECT: Medicine, Nursing, Health Sciences,

Physical Sciences, Engineering, Technology; SERVICES: Inter-Library Loan (ILL), Microform reader; COMPUTERS AND AUTOMATED SYSTEMS: Hardware - IBM PCs; Software - PC Talk, PC File, Word Perfect, Microsoft; SYSTEMS APPLICATIONS: Online Searching, Word Processing, Communications; PERSONNEL: 47; * Member of Toronto Health Libraries Association

Gwynneth T. Heaton

Science and Medicine Library
University of Toronto
7 King's College Circle
Toronto, Ontario M5S 1A5
Tel: (416) 978-6434

UNIVERSITY OF TORONTO: COMPUTER SCIENCE LIBRARY

COLLECTION INFORMATION: Special/University library; SUBJECT: Communications, Technology, Data Processing, Computer Science and Applications; PERSONNEL: 1.6; ACQUISITIONS BUDGET: \$

Stephanie Johnston

Computer Science Library
Engineering Annex
University of Toronto
11 King's College Rd #206
Toronto, Ontario M5S 1A1
Tel: (416) 978-2987

**UNIVERSITY OF WESTERN
ONTARIO: FACULTY OF
ENGINEERING SCIENCE -
BOUNDARY LAYER WIND
TUNNEL LABORATORY**

COLLECTION INFORMATION:
Special/University library; SUBJECT:
Physical Sciences, Engineering,
Technology, Wind Engineering;
PERSONNEL: 1 + 1 pt, ACQUISITION
BUDGET: M

Jean M. Law

Information Centre - Boundary
Layer Wind Tunnel Laboratory

c/o Faculty of Engineering Science
University of Western Ontario
London, Ontario N6A 5B9
Tel: (519) 661-3338

■ **Québec**

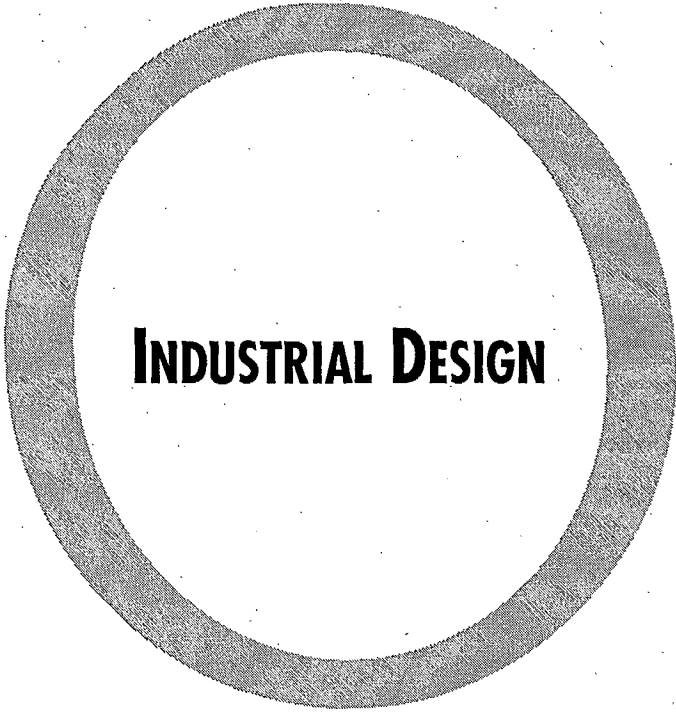
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MONTREAL: BIBLIOTHEQUE
D'INFORMATIQUE**

COLLECTION INFORMATION:
Bibliothèque spécialisée/universi-
taire; SERVICES: Inter-Library Loan
(ILL); COMPUTERS AND AUTOMAT-

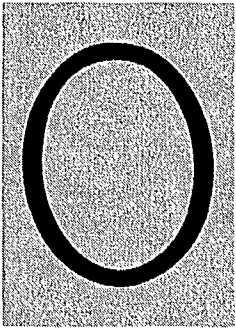
ED SYSTEMS: UTLAS; PERSONNEL:
2 + 2 tp; ACQUISITIONS BUDGET: M

Louis Sarrasin

Bibliothèque d'informatique
Université de Montréal
CP 6128, Succursale "A"
Montreal, Québec H3C 3J7
Tel: (514) 343-6819







O: INDUSTRIAL DESIGN

■ **B.C.**

BRITISH COLUMBIA INDUSTRIAL DESIGNERS ASSOCIATION (BCID)

**British Columbia Industrial
Designers Association (BCID)**

c/o Emily Carr College of
Art and Design
1399 Johnston Street
Vancouver, British Columbia
V6H 3R9
Tel: (604) 687-2345
Fax: (604) 844-3801

■ **Ontario**

ASSOCIATION OF CHARTERED INDUSTRIAL DESIGNERS OF ONTARIO (ACID-O)

**Association of Chartered Industri-
al Designers of Ontario (ACID-O)**

168 Bedford Road
Designers' Walk
Toronto, Ontario M5R 2K9
Tel: (416) 928-3069
Fax: (416) 928-9683

CONSULTING AND ENGI- NEERING SERVICE INDUS- TRIES DIRECTORATE

**Consulting and Engineering
Service Industries Directorate**
Service and Construction
Industries Branch

Industry, Science and
Technology Canada
235 Queen Street
Ottawa, Ontario K1A 0H5
Tel: (613) 954-3461
Fax: (613) 954-3107

■ **Québec**

ASSOCIATION DES DESIGNERS DU QUÉBEC (ADIQ)

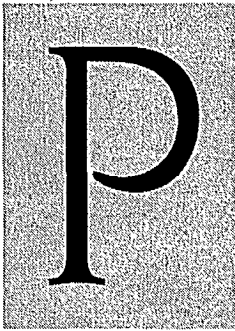
**Association des designers
industriels du Québec (ADIQ)**
407 St-Laurent Boulevard, Room 500
Montréal, Québec H2Y 2Y5
Tel: (514) 874-3702
Fax: (514) 866-4020



A large, stylized, grey letter 'P' with a textured, stippled appearance. The letter is positioned centrally on the page. Overlaid on the middle of the vertical stem of the 'P' is the text 'MEDIA MONITORING SERVICES' in a bold, black, sans-serif font.

MEDIA MONITORING SERVICES





MEDIA MONITORING SERVICES

■ **Ontario**

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Telecommunications consultants

Allen Fraser

ACF Communications Ltd.

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Ottawa, Ontario K1P 5A6

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Fax: (613) 233-3732

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Bowdens Information Services

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Fax: (613) 236-7568

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Nicole Fairfield

Professional Services Division

Canada Communication Group

116 Lisgar Street, 2nd Floor

Ottawa, Ontario K1A 0S5

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222 Laurier Avenue East

Ottawa, Ontario K1N 6P2

Tel: (613) 238-3856

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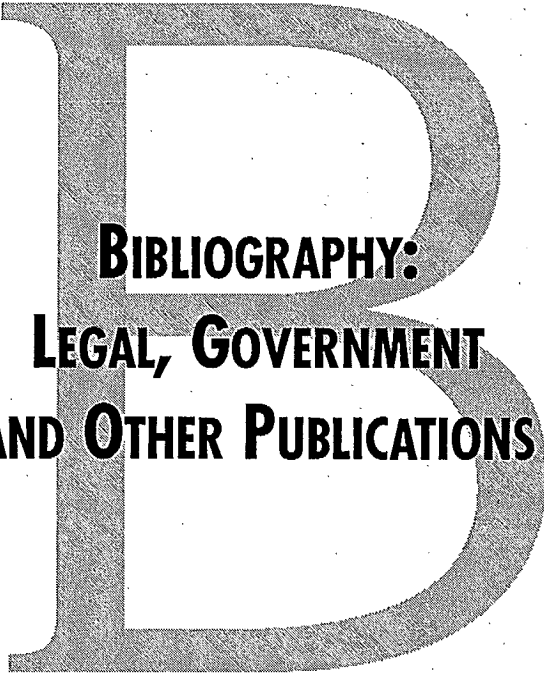
Media Tapes and Transcripts Ltd.

60 Queen, Suite 600

Ottawa, Ontario K1P 5Y7

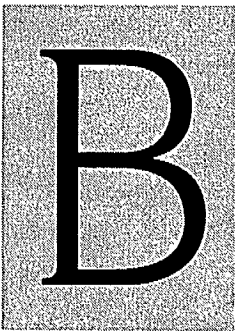
Tel: (613) 236-4695



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**BIBLIOGRAPHY:
LEGAL, GOVERNMENT
AND OTHER PUBLICATIONS**





BIBLIOGRAPHY: LEGAL, GOVERNMENT AND OTHER PUBLICATIONS

This category lists reference documents, developed by Canadian-based organizations which are not periodical in nature, which inform the reader principally on matters relating to aspects of technology transfer. It can also include non-periodicals by non-Canadian which address in a significant way, the technology transfer community in Alberta.

■ **N.S.**

SCIENCE AND TECHNOLOGY IN NOVA SCOTIA

Directory contains a comprehensive listing of science and technology research and development in the public sector in Nova Scotia.

Science and Technology In Nova Scotia

Technology Transfer Office

P.O. Box 519

Halifax, Nova Scotia B3J 2R7

Tel: (902) 424-7381

■ **Ontario**

AUTOMOTIVE CORPORATE DEVELOPMENT DIVISION

Guide presents a selective listing of federal government programs that are most relevant to auto parts companies seeking to enhance their international competitiveness. For each usage, programs are divided by topic, technology centres, regional assistance, marketing tariffs and duty remissions and training.

Automotive Corporate Development Division

Industry, Science and Technology Canada (ISTC)

235 Queen Street, 7th Floor East
Ottawa, Ontario K1A 0H5

Tel: (613) 954-3730

CANADA COMMUNICATION GROUP : REFERENCE CANADA PROGRAM - GUIDE TO FEDERAL PROGRAMS AND SERVICES

The Guide to Federal Programs and Services contains: a list of telephone services, an extensive subject index, a descriptions of each program and service, and a section on national and regional mailing addresses. The guide is available in Canada through Associated Bookstores and other booksellers (ISBN 0-660-13760-7).

Reference Canada Program
Canada Communication Group
Hull, Quebec K1A 0S5

Tel: (819) 956-3341

DIRECTORY OF RESEARCH ACTIVITIES - NRC (0110)

Overview of the National Research Council's organizational units, labo-

ratories, specialized research personnel and their research projects, including telephone numbers. A large key-word index facilitates identification of specialized technologies, expertise and projects. Price: \$10. ISSN 0835-7048. NRC 27961. Available in English or French.

Publication Sales and Distribution

National Research Council (NRC)
Montreal Road, Building M-19

Ottawa, Ontario K1A 0R6

Tel: (613) 993-2054

GOVERNMENT ASSISTANCE PROGRAMS & SUBSIDIES (GAPS)

Produced by Canada Pack, GAPS is a reference tool designed to assist individuals searching for information on government-funded programs. The information compiled in the GAPS textbook is divided into sections (e.g.: Business Information, Consulting, Finance, Research and Development, etc.) which, respectively, contain, an alphabetical listing of the government-funded programs available for each province or territory.

CANADA PACK

P.O. Box 358
Richmond Hill, Ontario L4C 4Y6
Tel: (416) 770-1955

THE LICENSING AND JOINT VENTURE GUIDE: DETERMINING YOUR NEED, SEARCHING FOR TECHNOLOGY, AND MAKING THE DEAL IN ONTARIO

An extensive and detailed guide (93 pages) that is practical and easy to read. Recommended. A Government of Ontario publication.

Ministry of Industry and Trade

Industry Division
Product Development Section
900 Bay Street
Hearst Block, Queen's Park
Toronto, Ontario M7A 2E1
Tel: (416) 965-3560
Tlx: 06-219786

MARKET INTELLIGENCE REPORTS ALPHABETICAL INDEX

Market Intelligence Division -
Services to Business Branch
Industry, Science and
Technology Canada
235 Queen Street
Ottawa, Ontario K1A 0H5
Tel: (613) 954-4970

PATENTS: AN INTRODUCTION

An information booklet providing basic information on patents, patenting procedures in Canada, and the Canadian Patent Office.

The Patent Office

Enquiries Section
Consumer and Corporate
Affairs Canada
Ottawa, Ontario K1A 0E1
Tel: (819) 997-1936

PATENTS: QUESTIONS AND ANSWERS

An information booklet providing basic information concerning the patenting process in Canada and internationally. Available at no charge.

The Patent Office

Enquiries Section
Consumer and Corporate
Affairs Canada
Ottawa, Ontario K1A 0E1
Tel: (819) 997-1936

SUPPLYING OR ACQUIRING TECHNOLOGY: A CANADIAN BUSINESS GUIDE TO STRUCTURING AND NEGOTIATING TECHNOLOGY TRANSFER AGREEMENTS

A quite detailed publication (75 pages) written in non-legalistic language by a Canadian lawyer. Available at no charge from Regional Offices of Industry, Science and Technology Canada, or contact:

Technology Liaison Directorate

Industry, Science and
Technology Canada (ISTC)
235 Queen Street
Ottawa, Ontario K1A 0H5
Tel: (613) 954-3458
Fax: (613) 954-1894
Tlx: 053-4123

TECHNOLOGY VENTURING IN CANADA

A directory of federal research establishments by province and department. Part I consists of a handbook on the diffusion of technologies from federally funded research. Part II, which forms the major portion of this publication, consists of an annotated directory of federal research establishments by province and department. Prepared by Denzil Doyle for the Ministry of State for Science and Technology (1986). Available from:

Business Services Centre

Industry, Science and
Technology Canada (ISTC)
235 Queen Street (ZBUS)
Ottawa, Ontario K1A 0H5
Tel: (613) 995-5771

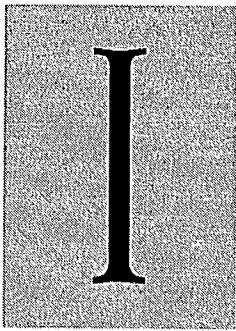
VENTURE CAPITAL IN CANADA: A GUIDE AND SOURCES

Published by Industry, Science and Technology Canada and the Association of Canadian Venture Capital Corporation. Includes advisory information and a listing of Canadian venture capital companies. Venture Capital in Canada: A Guide and Sources Cat. Nop.:

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