

Media Technologies



1818

Media Technologies

Originated at Montreal's Expo 67, IMAX gives movie audiences a larger-than-life experience by projecting dazzling images shot on special large-format film onto screens up to eight storeys high.

Montreal-based Softimage Co. is the world's leading 2-D and 3-D animation software designer and the wizard behind the stunning special effects in such Oscar-winning blockbusters as Jurassic Park and Titanic.

Ted Rogers Sr. invented a tube which allowed hum-free radios to be plugged directly into electrical outlets. His work lives on in his son's telecommunications empire, which spans everything from cable television to Internet access.

Before becoming an Allied super spy during the Second World War, Sir William Stephenson developed a radio facsimile

device that revolutionized the newspaper industry by enabling the wireless transmission of publishable photographs.

Canadian Entertainment



1819

Canadian Entertainment

Famous throughout the world, the Calgary Stampede has put the wild in West for more than eight decades, thrilling visitors with traditional rodeo events such as chuckwagon racing, calf roping and bareback bronc riding.

A spectacular blend of music, theatre, dance and acrobatics, Cirque du Soleil has blossomed from a group of Quebec buskers into an award-winning troupe of more than 550 performers whose shows have wowed millions worldwide.

Play-by-play announcers have brought the excitement of Canada's national game into our living rooms since Foster Hewitt first went on the air in 1923. Today, few broadcasting institutions are as entrenched in our culture as Hockey Night in Canada and the French-language La Soirée du hockey. During his 33 years with La Soirée, announcer René Lecavalier created a unique lexicon for the sport that is still used today.

Extraordinary Entertainers



1820

Extraordinary Entertainers

Nova Scotia-born contralto Portia White helped break the colour barrier in classical music during the 1940s, dazzling concert hall audiences in North America and abroad with her stunning voice.

Glenn Gould was one of the 20th century's most brilliant pianists. Celebrated for his unique interpretations of the work of Bach, Beethoven and other composers, the Toronto native's legacy included more than 80 works and numerous awards.

The leader of the top band in North America in its day, Guy Lombardo was best known for his legendary 48-year stint in New York City, where he and his Royal Canadians performed live for annual New Year's Eve broadcasts.

Considered the father of modern Quebec song, singer, songwriter, poet, playwright and actor Félix Leclerc paved the way for the popular chanson movement and influenced the careers of many successful singers.

Fostering Canadian Talent



1821

Fostering Canadian Talent

The Toronto-based Royal Canadian Academy of Arts is the oldest national organization of professional Canadian artists, and was instrumental in establishing the National Gallery of Canada in Ottawa.

One of the country's most valued institutions, the Canada Council fosters the creativity of new and established artists by providing a range of grants and services to individuals, groups, professional organizations, galleries and publishing houses.

Dedicated to showcasing the voice and vision of Canadian filmmakers, the National Film Board of Canada, represented here by John Spotton, has produced more than 9,000 original films and earned numerous international awards over the past 60 years.

From its early days in radio to its present dynamic television networks, the Canadian Broadcasting Corporation has helped shape our national consciousness through its commitment to high-quality current affairs and entertainment programming.

Medical Innovators



1822

Medical Innovators

Nobel Prize-winner Sir Frederick Banting was one of the century's greatest medical heroes. His discovery of a pancreatic extract called insulin, achieved with his assistant Charles Best and other colleagues, has saved the lives of millions of diabetics.

A champion in the war against disease, Quebec physician Armand Frappier helped establish a preventative treatment for infant leukemia and founded studies in immunology, advanced microbiology and hygiene at the Université de Montréal.

The scientific work of Vienna-born Hans Selye, an endocrinologist at the Université de Montréal, greatly increased our understanding of the biological factors causing stress and of how to control it.

Curator of the McGill University Medical Museum and a founder of the Federation of Medical Women of Canada, Dr. Maude Abbott overcame the gender-based odds against her to become an internationally respected pathologist and a world

Social Progress



1823

Social Progress

Canada's tradition of universal access to health care owes much to the efforts of the religious orders that established Quebec's first hospitals, and to the example set by Saskatchewan when it became the first province to enact full medicare coverage.

Tireless dedication to equal rights spurred five Alberta women to victory in a historic court ruling that recognized women as qualified for Senate appointments - thereby paving the way for Canada's first female senator in 1930.

Founded a century ago by Alphonse and Dorimène Desjardins, the caisse populaire is Quebec's largest financial institution and the global model for savings and loan cooperatives where customers are both owners and users.

Moses Coady's vision of social betterment through adult education launched a revolutionary cooperative movement in the Maritimes that is still emulated by social activists and educators, particularly in developing countries.

Charity including
Canadian International Development Agency



1824

Hearts of Gold

Established in 1968, the Canadian International Development Agency is responsible for administering the bulk of Canada's foreign aid budget to provide assistance for sustainable development projects in more than 100 countries.

For more than a century, Canadian missionaries have dedicated their lives to working in the developing world. Montreal-born surgeon Lucille Teasdale spent more than 30 years running a hospital in Uganda before dying of AIDS she contracted while operating on an infected patient.

Although his illness forced him to give up his Marathon of Hope, the spirit of one of

Canada's most courageous young men lives on in the annual Terry Fox Run, which has earned more than \$200 million for cancer research.

Introduced in Brantford, Ontario, in 1963, Meals on Wheels has grown to a nationwide movement with thousands of volunteers delivering nutritious meals to seniors, many of whom are poor and homebound.

Humanitarians and Peacekeepers



Humanitarians and Peacekeepers

A tireless promoter of equality, peace with justice, and security through cooperation, Montreal-born lawyer Raoul Dandurand spent 44 years as a senator and was named president of the Assembly of the League of Nations.

The wife of future Governor General Georges Vanier, Pauline Vanier served as a Red Cross volunteer in Paris during and after the Second World War. Elizabeth Smellie, the first female colonel in the Canadian Army, headed nursing services at home and abroad during both World Wars and organized the Canadian Women's Army Corps.

Lester B. Pearson's involvement in the creation of an international force to maintain peace in the Middle East during the Suez Crisis earned him a Nobel Peace Prize and highlighted Canada's role as a global peacekeeper.

Canada has played an integral role in banning anti-personnel landmines, which claim an average of 500 victims a week. In 1997, 122 countries signed the historic Ottawa Convention prohibiting the use of these devices and calling for their destruction.

Canada's First Peoples



1826

Canada's First Peoples

Aboriginal peoples have always been a vital part of Canada's heritage. A noble warrior and chief of the Odawa tribe during the 18th century, Pontiac persuaded the British crown to recognize the legal rights of Aboriginal tribes to claim title to the lands they occupied.

Nicknamed 'Wildfire' for his amazing speed, Onondaga distance runner Tom Longboat was one of the most celebrated athletes of the early 1900s, and the fastest professional in the world over 15 miles.

Believed to possess supernatural powers, the shaman plays an integral role in Aboriginal life, serving as a mystical guide who helps heal the sick, influence the weather, and interpret dreams. Shamans and elders take a holistic approach to health based on physical, emotional, psychological and spiritual balance.

Canada's Cultural Fabric



Scene from
"The Tempest"
not "Midsummer
Night's Dream".
William Hutt, actor

1827

The oldest known European settlement in the New World, L'Anse aux Meadows, Newfoundland, was established by Norse colonists a thousand years ago. In the past century, some 1.5 million immigrants, refugees and displaced persons arrived on our shores at Halifax's Pier 21, which served as a symbol of hope, dreams and opportunity for newcomers to Canada.

Halifax is also home to a cultural tradition that took root in the early 17th century, when the Neptune Theatre's predecessor, Le Théâtre de Neptune de la Nouvelle-France held its first performance at Port Royal, Nova Scotia. Although its history spans just less than 50 years, Ontario's Stratford Festival has become the jewel of North American classical theatre, specialized in showcasing the works of William Shakespeare.

Literary Legends



1828

Literary Legends

W.O. Mitchell is one of Canada's most celebrated writers. The Saskatchewan-born novelist and dramatist's carefully crafted prose - which include the classic *Who Has Seen the Wind* - reveal a gifted artist intrigued by the human experience.

A talented actor, director, producer and playwright, Gratien Gélinas is considered the father of contemporary Quebec theatre. His remarkable career ran the gamut from staging theatrical revues to co-founding Montreal's National Theatre School.

Pierre Tisseyre promoted Canada's French-language literary tradition by adapting the book-of-the-month club concept for a Quebec readership. His publishing house has helped launch the careers of numerous Quebec writers.

Manitoba's chilly capital is the birthplace of a sizzling romantic literary tradition that transformed Harlequin Books from a small company into the world's leading paperback publisher. Today, its titles appear in 24 languages.

Great Thinkers



1829

Great Thinkers

Edmonton-born Marshall McLuhan remains a cultural icon as Canada's pioneer pop philosopher and oracle of the electronic age. An English professor and literary critic, his books revolutionized thinking about media and communications.

Regarded as one of the world's most influential literary critics, Northrop Frye's prolific and frequently cited writings outlined the shape of human thought and helped educate our imaginations about the power of the written word.

The literary patriarch of the fictional Plouffe family whose exploits were later immortalized on both film and television, Roger Lemelin was a pioneer of social realism in French-speaking Canada.

Head of the history department at the University of Saskatchewan, Hilda Marion Neatby had a lifelong love of learning, and stressed the importance of challenging the human mind.

Tradition of Generosity



A Tradition of Generosity

The estate of farm equipment manufacturer Hart Massey was established as the Massey Foundation in 1918. It has funded numerous philanthropic endeavours across Canada, from building facilities such as Hart House at the University of Toronto to establishing a national fine crafts collection.

The wealthiest Canadian of his day, Nova Scotia-born financial wizard Izaak Walton Killam and his wife Dorothy donated a large part of their fortune to supporting the arts, education and sciences in Canada.

After drillers struck oil on land where he held mineral rights, lawyer Eric Lafferty Harvie used much of the resulting multimillion-dollar fortune benevolently. He assisted such diverse organizations as the Glenbow Foundation, the Calgary Zoo and the Banff Centre for the Arts.

The philanthropic tradition that began with tobacco magnate Sir William Macdonald lives on in the Montreal-based Macdonald Stewart Foundation, which has donated millions of dollars to supporting cultural and historical initiatives, medicine and education.

1830

Engineering and Technological Marvels



1831

Engineering and Technological Marvels

The longest tunnel in North America provides safe passage through the most formidable obstacle on Canada's CPR transcontinental train route: avalanche-prone Rogers Pass in British Columbia.

A series of giant dams harnesses the immense power of Quebec's mighty Manicouagan River. Part of the largest hydroelectric operations in the world, the dams generate billions of kilowatts of power annually.

A world leader in space exploration, Canada's technological innovations include a robotic Canadarm used aboard US shuttle missions and the Mobile Servicing System for the International Space Station.

Toronto's CN Tower is the world's tallest building and free-standing structure, at just over 553 metres in height. Crowned by a sophisticated communications antenna, the tower attracts some two million visitors a year with its spectacular

view.

BIRDS OF NORTH AMERICA WE'VE
SEEN

Sequence from Golden bird book

GAVIIFORMES

Gaviidae
Loons

Yellow-bill-
ed Loon

Common
Loon

Arctic
Loon

Red-throat-
ed Loon

PODICIPEDIFORMES

Podicipedidae
Grebes

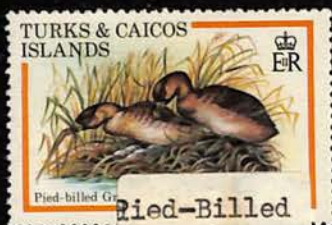
Western
Grebe

Red-Necked
Grebe

Horned
Grebe

Eared
Grebe

Least
Grebe



Pied-Billed
Grebe

PROCELLARIIFORMES

Diomedidae:
Albatrosses

Laysan
Albatross

Procellariidae:
Shearwaters

Northern
Fulmar

Cory's
Shearwater

Greater
Shearwater

Sooty
Shearwater

Flesh-foot-
ed
Shearwater

Audubon's
Shearwater

Manx
Shearwater

Hydrobatidae:
Storm Petrels

Black-capp-
ed
Petrel

Mottled
Petrel

Black Storm-
Petrel

Ashy Storm-
Petrel

Fork-tailed
St. Petrel

Leach's
St. Petrel

Wilson's

PELECANIFORMES

Phaethontidae:
Tropicbirds

Red-billed
Tropicbird

White-tail-
ed
Tropicbird

Pelecanidae:
Pelicans



Brown
Pelican

Sulidae:
Gannets, Boobies

Am. White
Pelican

Magnificent
Frigatebird



Northern
Gannet

Masked
Booby

Red-footed
Booby

Brown
Booby

Blue-footed
Booby

Phalacrocoracidae:
Cormorants

Great
Cormorant

Double-
crested
Cormorant

Brant's
Cormorant

Anhingidae:
Darters

Pelagic
Cormorant

Olivaceous
Cormorant

Red-faced
Cormorant

Anhinga



White phase
Gr. Blue



CICONIIFORMES

Ardeidae:
Herons, Bitterns

Great Egret



Snowy
Egret



Cattle
Egret

Great
Blue Heron

Reddish



Black-crown
Night Heron

Louisiana
Heron

Little
Blue Heron

Green
Heron

Yellow-
crown Night-
Heron

American
Bittern

Least
Bittern

Ciconiidae:
Storks

Wood Stork

Threskiornithidae:
Ibises

White-faced
Ibis

Glossy
Ibis

White
Ibis

Roseate
Spoonbill

Phoenicopteridae:
Flamingos

Greater
Flamingo



ANSERIFORMES

Anatidae:
Waterfowl

Cygninae:
Swans



Tundra
Swan

Trumpeter
Swan

Anserinae:
Geese

Canada
Goose



Brant

Barnacle
Goose

Emperor
Goose

Greater
White-fronted
Goose



Dendrocygninae:
Whistling Ducks

Fulvous
Whistling-
duck

Snow
Goose

Ross
Goose



Anatinae:
Marsh Ducks



Mallard

Am. Black
Duck

Mottled
Duck



Northern
Pintail



Gadwall

American
Wigeon



Eurasian
Wigeon



Northern
Shoveler

Blue-wing-
ed
Teal

Cinnamon
Teal

Green-wing-
ed
Teal



Wood
Duck

Aythyae:
Diving Ducks



Redhead

Canvasback

Ring-neck-
ed duck

Greater
Scaup



Lesser
Scaup



Common
Goldeneye

Barrow's
Goldeneye

Bufflehead



Harlequin
Duck

Common
Fider

King
Fider

Spectacled
Eider



Steller's
Eider

Oldsquaw

Black
Scoter

Merginae:
Mergansers

White-wing-
ed
Scoter

Surf
Scoter

Hooded
Merganser

Red-breasted
Merganser

FALCONIFORMES

Cathartidae:
Am. Vultures

Common
Merganser

Oxyurinae:
Stiffetails

Ruddy
Duck

Turkey
Vulture

Black
Vulture

California
Condor

Accipitridae:
Hawks, etc.

Elaninae & Milvinae:
Kites

Blk-should-
ered Kite

Miss.
Kite

Accipitrinae:
Accipiters

Swallow-
tailed Kite

Snail
Kite

Northern
Goshawk

Cooper's
Hawk

Buteoninae:
Buteos, Eagles

Sharp-shin-
ned Hawk

Rough-leg-
ged Hawk



Ferruginous
Hawk

Red-tailed
Hawk

Swainson's
Hawk

Broad-wing-
ed Hawk

Red-should-
ered Hawk



Harris'
Hawk

Common
Blk Hawk

Zone-tail-
ed Hawk

White-tail-
ed Hawk



Short-tail-
ed Hawk



Gray
Hawk



Bald
Eagle



Golden
Eagle



Circinae:
Harriers

Northern
Harrier



Pandionidae:
Ospreys

Osprey

Falconidae:
Falcons, etc.

Caracarinae:
Caracaras

Crested
Caracara



Falconinae:
Falcons

Gyr Falcon

Prairie
Falcon

Peregrine
Falcon



Merlin

American
Kestrel



Rallidae:
Rails

Virginia
Rail

Sora

Yellow
Rail

Black
Rail

Clapper
Rail

King
Rail

Common
Moorhen

Purple
Gallinule

American
Coot

CHARADRIIFORMES

Haematopodidae:
Oystercatchers



Recurvirostridae:
Stilts, Avocets



Charadriidae:
Plovers



Scolopacidae:
Sandpipers, etc.



Stercorariidae:
Jaegers, Skuas

Laridae:
Gulls, Terns

Larinae:
Gulls



Sterninae:
Terns



Southwest
Hummingbirds

TROGONIFORMES
Trogons

CORACIIFORMES

Kingfishers



PICIFORMES

Woodpeckers

