

he Planetarium received a major upgrade in October 2012, with the installation of the Digistar® 5 full-dome projection system. This historic upgrade was made possible through the generous support of Canada Cultural Spaces Fund and the Province of Manitoba.

This seamless video screen covers the entire dome in high-resolution imagery. While "Marvin," the venerable Zeiss star projector, is still there for high-resolution star images as seen from earth, Digistar allows us to leave the planet's surface and fly through the galaxy. The digital universe inside Digistar is a 3-D model of the universe based on the latest science, and the audience can fly through it in real time, visiting planets, stars and galaxies. The views are stunningly realistic, and the system can be updated with the latest information as discoveries are made.

In addition to its power for astronomy, the Digistar system also allows the Planetarium to explore the other aspects of the universe. During 2012 – 2013, we took visitors to the far north with Experience the Aurora, into the distant past with Ancient Skies, Ancient Mysteries, and to Sesame Street with Big Bird and Elmo in One World, One Sky: Big Bird's Adventure. Digistar can project any video or computer image onto the dome, allowing a wider range of offerings in future and opening the door to IMAX-style films, live events, and simulcasts from other planetaria around the world.

The new system essentially made most of the existing offerings obsolete overnight, and so a series of new programs were purchased or developed.

The following shows ran for the public in 2012 – 2013:

- New Horizons an exploration of the solar system
- Experience the Aurora stunning all-sky photography of the northern lights
- Wonders of the Universe a tour through time and space with the Hubble Space telescope
- One World, One Sky: Big Bird's Adventure special family show with the characters from Sesame Street

In addition, dedicated curriculum-based shows were developed for school audiences. These include:

- Zula Patrol: Down to Earth based on the popular PBS children's show
- What's Up? a live tour of the sky for young audiences
- Manitoba Skies based on the Grade 6
   "Exploring the Solar System" science curriculum
- The Amazing Light Show & Workshop our popular in-house production, which will be upgraded to Digistar in the coming year
- *Ice Worlds* climate and the effect ice has on Earth and other planets in the solar system
- *The Solar System Workshop* –Grade 6 show with hands-on workshop component
- The Biological Cell Show exploration inside a cell

The installation of Digistar has brought many changes to the show development process as well. Staff training and familiarization is ongoing, and new segments are being developed constantly to highlight current sky events or new discoveries.

NEW DIGISTAR® 5 TECHNOLOGY AT THE PLANETARIUM

#### **AWARDS**

DR. GRAHAM YOUNG, Curator of Geology & Paleontology

2012 Bruce Naylor Award, Alliance of Natural History Museums of Canada

CLAUDETTE LECLERC, Chief Executive Officer

Queen Elizabeth II Diamond Jubilee Medal, Canadian Museum Awards Ceremony in Ottawa on April 25, 2012

GARY DAY, long-time Museum volunteer

Tourism Volunteer of the Year Award, Tourism Winnipeg

#### **APPOINTMENTS**

### Claudette LECLERC, Executive Director

Board member, Canadian Association of Science Centres (CASC)

Manitoba BOLD Public Policy Committee, The Winnipeg Chamber of Commerce

Member, Main Street Advisory Committee

Member, Premier's Economic Advisory Committee (PEAC)-Tourism Task Force

Adèle HEMPEL, Director of Research, Collections and Exhibits

Treasurer, Association of Manitoba Museums; Chair, Long-Range Planning Committee.

Board Representative (member-at-large), Alliance of Natural History Museums of Canada; chair, Nominations Committee; member, Awards Committee

Kevin BROWNLEE, Curator of Archaeology

Professional affiliate, University of Manitoba.

Dr. Randall MOOI, Curator of Zoology

Adjunct Professor, Department of Biological Sciences, University of Manitoba

Member, Editorial Board, American Society of Ichthyologists and Herpetologists

Member, Steering and Technical Committees for the Manitoba Breeding Bird Atlas; regional coordinator for the Northern Interlake Region

Dr. Jamie MORTON, Curator of HBC Collection

Member, Advisory Council, Centre for Rupert's Land Studies

Dr. Diana Bizecki ROBSON, Curator of Botany

Board member, Manitoba Association of Plant Biologists

Member, Collections Sub-Committee, Alliance of Natural History Museums in Canada

Member, Organizing Committee, North American Prairie Conference

Dr. Roland SAWATZKY, Curator of History

Adjunct Professor, Department of Anthropology, University of Winnipeg

Member, Steering Committee, East Exchange Heritage Implementation Strategy

Member, Organizing Committee, Artefacts of Agraria Workshop, 2014

Ashleigh CZYRNYJ, Membership & Development Coordinator

Winnipeg Regional Councillor, Fundraising Committee chair and 40th Anniversary Conference chair, Association of Manitoba Museums

Mike JENSEN, Planetarium and Science Gallery Programs Supervisor

Member, College of Fellows, The Royal Canadian Geographical Society

Hanna PETERS, Manager of Exhibits

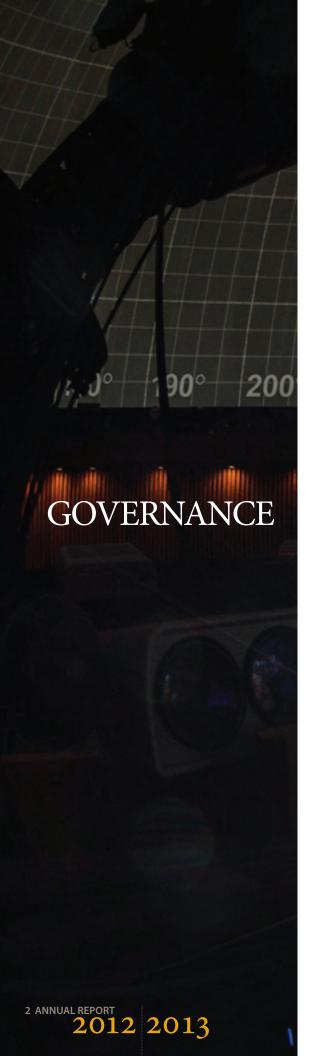
Manitoba Heritage Grants Advisory Council - Chair, Exhibits and Programs Committee

DR. Graham YOUNG, Curator of Geology and Paleontology

Adjunct Professor, Department of Geological Sciences, University of Manitoba

Board member, Canadian Geological Foundation

Publicity chair, Geological Association of Canada-Mineralogical Association of Canada 2013 Conference-Winnipeg



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Sangeet Bhatia
Kevin Brownlee
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Loren Cisyk
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Don Epstein

Theodore Fontaine

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Hubert Mesman

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Jeoff Chipman (ex-officio)

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Penny McMillan
Cindi Steffan
David Thompson
Bert Valentin

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Don Epstein, *Lead* Lawrie Cherniack

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Loren Cisyk, *Chairperson*Sangeet Bhatia
Jeoff Chipman

THE MANITOBA MUSEUM FOUNDATION INCORPORATED

# **BOARD OF DIRECTORS**

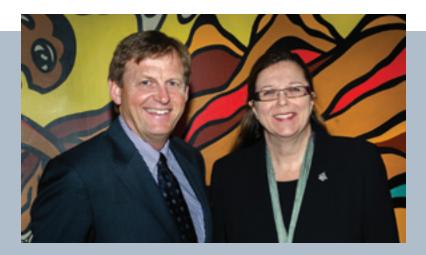
Ken Ross, *President*Bill Baines
Jeoff Chipman
Barbara Crutchley
Gus Leach
Art Pearson
Jennifer Rattray

# RESEARCH ADVISORY COMMITTEE

Dr. Jill Oakes, *Chairperson*Jay Anderson
Dr. William Rannie
Dr. Geoffrey Scott



# A LETTER FROM THE **MUSEUM** CHAIR & THE CEO



The 2012 - 2013 fiscal year is one that The Manitoba Museum will not easily forget, with record-breaking attendance and important upgrades to our Planetarium. Over the past twelve months, we have recorded 374,961 visits, with over 85,000 of those visits being students coming to take part in curriculum-based programs. This was our 21st consecutive year with a balanced budget, as we continued our tradition of community engagement, innovation, world-class research, responsible financial stewardship and positive economic impact. The Manitoba Museum generates \$13.7 million in direct annual economic impact and last year provided free Museum access to almost 63,000 Manitobans.

On October 6, 2012, the Museum became the first Planetarium in Canada to feature the Digistar\* 5 All-Dome digital projection technology. This new projection system dramatically enhances the visitor experience using two wide-angle video projectors to cover the entire dome with a single seamless video image. This historic upgrade to the Planetarium, the first in forty years, was made possible thanks to the Government of Canada, Canada Cultural Spaces Fund; the Government of Manitoba through three different departments (Innovation, Energy and Mines; Manitoba Education; and Culture, Heritage and Tourism), as well as funds from the Museum's operating budget.

The Manitoba Museum also opened the Canadian Space Agency's Living in Space exhibit in the Science Gallery and produced two temporary exhibits The World is their Oyster: Marvellous Molluscs in our Discovery Room and Minerals from the Canadian Shield in the Earth History Gallery. The Museum is also a research institution, with an exclusive mandate to research the natural and human history of our Province. Our team of curators are constantly publishing new information that often has national and international significance for the scientific community as well as the general public. An important aspect of our role in the community is the development of community exhibitions, led mostly by volunteer community members that chose to use our galleries to share their stories with our visitors. In the past year, we were very proud to feature The Selkirk Settlement: 200 Years exhibit in our Discovery Room and La Vérendrye's Quest for the Western Sea exhibit in the Grasslands Galleries. The Fossil Discovery Centre of Morden also created an impressive display for the entrance of the Dinosaurs Unearthed temporary exhibit.

This was the Museum's second year for its Alloway World Exhibits (AWE) partnership program. Thanks to the generosity of MacDon Industries and The Winnipeg Foundation, our new and innovative travelling exhibition fund continues to draw an increasing number of visitors. Dinosaurs Unearthed was seen by more than 80,000 people, and introduced a new generation to the magic of these amazing prehistoric creatures. The private sector leadership of this program is one of a growing number of corporate partnerships that the Museum has in place, which is a product of our accountability to each of our partners and the community impact that our work generates.

Our many volunteers astound us with their commitment and generous spirit. In the past year, 337 volunteers have provided 18,375 hours of support to the Museum. From delivering education and public programs, supporting curators in the lab and on research trips, working in the Museum gift shop to being on the Board of Governors, our volunteers do it all. We simply couldn't do any of this without them. To everyone who visited, donated, sponsored and joined the Museum in the previous 12 months, please accept our heartfelt thank you!

Through the hard work and dedication of the Museum staff and volunteers The Manitoba Museum remains fully committed to supporting our communities, developing exciting new programs, attracting the best possible exhibitions and renewing our galleries. In the next 12 months we will be bringing ancient Egypt to Manitoba and we are getting ready to open the Lake Winnipeg - Shared Solutions exhibit, the most advanced water management simulation game ever developed in North America. The Museum is also eager to advance its Capital Renewal Plan to 'shovel ready' status, creating a provincial Museum that will meet the needs and expectations of present and future generations. We thank you for your continued support and we look forward to an exciting future as we continue to meet the needs of our community and create a tangible economic impact in our Province.

Claudette Leclerc

Manditte Leclerc

**CEO** 

Jeoff Chipman Museum Chair

## OFFICE OF EXECUTIVE DIRECTOR

Claudette Leclerc *Executive Director*Martina Hutchison *Executive Assistant* 

### DEVELOPMENT

James Robinson *Director*Ashleigh Czyrnyj *Membership and Development Coordinator*Karen Gautron *Membership Administrator*Pamela Moat *Data Management and Development Specialist* 

Roberta Pauls *Development and Special Events Manager* 

Cindi Steffan *Grants and Information* Services Manager

### FINANCE AND OPERATIONS

David Thompson *Director*Brian Lenius *I.T. Systems Administrator*Hans Thater *Audio-Visual Specialist*Stephanie Whitehouse *Exhibit Designer* 

#### **Business Office**

Karen Pooley Business Office Manager Kathy Moran Business Office Assistant

#### **Operational Services**

Marc Hébert Carpenter/Cabinet Maker Bob Peacock Exhibit Technician Debbie Thompson Exhibit Assistant Betsy Thorsteinson Diorama Artist Bert Valentin Technical Supervisor Sean Workman Museum Technical Assistant

## **HUMAN RESOURCES**

Elizabeth Chipilski *Director*Lana Adeleye-Olusae *Human*Resources Officer
Noreen Hees Volunteer Resources Manager

## MARKETING, SALES AND PROGRAMS

Javier Schwersensky Director
Wendy Bilous Museum Shop Manager
Greg Klassen Communications Specialist
Lila Knox Manager, Programs
Nicole Maier Programs and
Reservations Coordinator
Barb McMillin Marketing Assistant
Liette Robert Marketing and Sales
Representative
Scott Young Manager, Science

Communication and Visitor Experiences

**Museum Gallery Programs** 

Jérôme Marchildon *Program Developer* Anya Moodie-Foster *Program Developer* James Pronteau *Northern Kit* 

Program Developer
Shauna Carmichael Museum Animator
Janèle Fréchette Museum Animator
Nancy Khrabchuk Museum Animator
Jocelyne Lavack Museum Animator
Gary Peak Museum Animator
Rachelle Vermette Museum Animator

Planetarium/Science Gallery Programs

Mike Jensen PL/SG Programs Supervisor
Kevin Mogk PL/SG Animator
Cortney Pachet PL/SG Animator
Raymond Saltel PL/SG Animator
Andrew Vogt PL/SG Animator
Sean Workman PL/SG Animator
Shauna Carmichael SG Assistant
Leigh McKinnon SG Assistant
Melissa Senden SG Assistant
Len VanRoon SG Assistant

## **Sleepover Programs**

Stephanie Chu Sleepover Team Leader Alana Wilcox Sleepover Team Leader Chantel Wolynec Sleepover Team Leader Susan Beckwith Sleepover Group Leader Kodley Bouachanthala Sleepover Group Leader

Steven Hees *Sleepover Group Leader* Zoë Leclerc-Kennedy *Sleepover Group Leader* 

Heather Nelson Sleepover Group Leader Kate Paterson Sleepover Group Leader Kelly Pearce Sleepover Group Leader Cristina Poeppl Sleepover Group Leader Caitlin Smith Sleepover Group Leader Austin Valentin Sleepover Group Leader

# **Visitor Services**

Fiona Sime Manager, Visitor Services
Dominique Guyot Receptionist
Laura Bergen Visitor Services Advocate
Nicole Dupas Visitor Services Advocate
Jessica Evans Visitor Services Advocate
Karen Gautron Visitor Services Advocate
Katie Graham Visitor Services Advocate
Steven Hees Visitor Services Advocate
Josh Jones-Horrock Visitor Services Advocate
Vanessa Lopez Visitor Services Advocate

Luke Majowski Visitor Services Advocate
Bill Neydli Visitor Services Advocate
Maxine Queen Visitor Services Advocate
Taryn Selch Visitor Services Advocate
Kayleigh Speirs Visitor Services Advocate
Beryth Strong Visitor Services Advocate
Austin Valentin Visitor Services Advocate

# RESEARCH, COLLECTIONS AND EXHIBITS

Adèle Hempel *Director* Claire Zimmerman *Administrative Assistant* 

#### **Collections and Conservation**

Nancy Anderson Collections Assistant
(Human History)

Ann Hindley Cataloguer (Human Hist

Ann Hindley Cataloguer (Human History) Janis Klapecki Collections Specialist (Natural History)

Lisa May Conservator
Kathy Nanowin Manager, Collections
and Conservation
Melissa Pearn Cataloguer (Natural History)

Melissa Pearn Cataloguer (Natural Histor)
Betty-Ann Penner Collections Registrar
Ellen Robinson Conservator

#### **Exhibits**

Hanna Peters Exhibits Manager

#### **Human and Natural History**

Dr. Diana Bizecki Robson *Curator of Botany* Kevin Brownlee *Curator of Archaeology* Andrea Dyck *Curator of Contemporary Cultures and Immigration* 

Dr. Maureen Matthews Curator of Ethnology

Dr. Randall Mooi Curator of Zoology

Dr. Jamie Morton *Curator of the HBC Museum Collection* 

Dr. Roland Sawatzky Curator of History

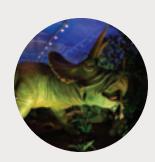
Dr. Graham Young Curator of Geology and Paleontology

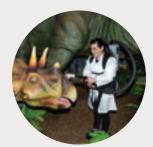
\* All permanent, term and temporary staff as of March 31, 2013





he Museum hosted its second major travelling exhibit made possible through the Alloway World Exhibits (AWE) program, launched in 2011, to assist the Museum in booking large international touring exhibitions. The majority of people who visited the external travelling exhibit, Dinosaurs Unearthed, also visited the Museum Galleries, Science Gallery, and Planetarium, extending their visit time at each of our venues.





New exhibits, including video productions with new interpretive content, community partnerships, refurbished exhibits, and media players replacement, all enhanced the visitor experience in the Museum Galleries, Science Gallery, and Main Foyer. The Museum's travelling exhibit, The Vikings: Master Mariners, Traders, Colonists and Artisans was viewed at locations in Ontario and British Columbia. Portraits of the North was on display at sites in Manitoba and Saskatchewan.

**Alloway World Exhibits: Alloway Hall** 

**Dinosaurs Unearthed** October 6, 2012 - April 21, 2013 External Exhibit

This second major exhibit sponsored by the Alloway World Exhibits (AWE) program was produced by Dinosaurs Unearthed Inc., of Richmond, BC. A life-sized, roaring, animatronic Tyrannosaurus rex, located at the Museum's plaza entrance, introduced the public to this dynamic, experiential dinosaur show. Inside Alloway Hall, visitors could experience high-quality, full-scale dinosaur replicas, real fossils, and a dinosaur dig pit. The exhibit was very popular with all visitors, including preschoolers, who enjoyed a specially planned program on Minisaurus Mondays. Science Gallery

Living in Space December 20, 2012 -February 18, 2014 External Exhibit

This bilingual, interactive exhibit, produced by the Canadian Space Agency (CSA), explored the challenges of daily life in space. Chris Hadfield's space guitar and Julie Payette's flight suit were among the unique artefacts contributed by Canadian astronauts for this exhibit.





Left: The World is Their Oyster: Marvellous Molluscs, internal exhibit. Right: The Selkirk Settlement: 200 Years, community exhibit.

# OUTGOING TRAVELLING EXHIBITS

The Vikings: Master Mariners, Traders, Colonists and Artisans Pump House Steam Museum, Kingston, ON August 23, 2012 – December 1, 2012

Surrey Museum and Archives, Surrey, BC February 5 – April 16, 2013

Portraits of the North Northern Gateway Museum, Denare Beach, SK August 1 – 29, 2012 NorVA Centre, Flin Flon, MB August 30 – September 30, 2012

#### **NEW EXHIBITS**

**Discovery Room** 

The Selkirk Settlement: 200 Years May 12, 2012 – September 30, 2012 Community Exhibit

The Manitoba Historical Society mounted a temporary exhibit, including artefacts from the Museum's History collections, the Hudson's Bay Company Archives, and other organizations, in recognition of the Selkirk Settlement's 200th anniversary.

The World is Their Oyster: Marvellous Molluscs November 8, 2012 – April 7, 2013

Internal Exhibit

The diversity of molluscs in the Museum's Zoology and Paleontology collections was the high point of this exhibit. Many of the specimens originate from scientific field research and private collections, and include examples from all over the world.

# Main Foyer

Sipiwesk House: David Thompson's First Post May 14, 2012 – November 4,

May 14, 2012 – November 4, 2012 Internal New Acquisition Display

This exhibit featured recently-excavated archaeological material from the Hudson's Bay Company post established at Sipiwesk House by David Thompson, renowned mapmaker, explorer, and fur trader. The Manitoba Museum acknowledges assistance received from the Cross Lake First Nation, Manitoba Historic Resources Branch, and Manitoba Hydro.

Fossils from Canadian Fossil Discovery Centre

September 28, 2012 – April 7, 2013 Community Display

Produced by the Canadian Fossil Discovery Centre, the display highlighted recently recovered vertebrate fossils from the Morden area. The design recreated an actual dig site, with tools of the trade used to excavate fossils.

**Berens Family Collection** 

November 5, 2012 – May 12, 2013 Internal New Acquisition Display

This display featured Chief Jacob Berens' Treaty Medal No. 5, Chiefs' Coats, and other significant Aboriginal materials collected and preserved by the same Ojibwe family for nearly 150 years. The Museum acquired these heirlooms to share this important Indigenous story with all Manitobans.

Memorial Plaque

November 9, 2012 – November 30, 2012 Special Display

A special display featured a plaque presented to the Museum by The Queen's Own Cameron Highlanders, including a fragment of the marble base of the Memorial of the Fallen, repatriated to Canada from Afghanistan.



Memorial Plaque, presented by The Queen's Own Cameron Highlanders.



Sipiwesk House: David Thompson's First Post, new acquisition display.





Left: Creation and Transformation: Defining Moments in Inuit Art, commemorative display. Right: Fossils from Canadian Fossil Discovery Centre community

# Creation and Transformation: **Defining Moments in Inuit Art** December 11, 2012 -

April 21, 2013 Community Display

Exquisitely carved Inuit art sculptures were shown in a display produced by the Winnipeg Art Gallery, as part of its 100th anniversary celebration.

# **Earth History Gallery**

# Minerals from the Canadian Shield

July 20, 2012 Internal Exhibit

A spectacular giant amethyst cluster anchors an exhibit featuring minerals as the building blocks of rocks, and showcasing a stunning sampling of specimens from the rich deposits found in the Canadian Shield.

# **Urban Gallery**

# Horse Trough January 14, 2013

Internal Exhibit

This recently acquired late 19th century trough was used in downtown Winnipeg for watering the horses involved in milk and garbage transport during the 1920s.

# **EXHIBIT REFURBISHMENT**

**Hudson's Bay Company Gallery** 

Canoe, Kayak, Cariole July 3, 2012

Photography of detail and conservation work were carried out on a birch bark canoe, kayak and cariole featured in Relics of Interest: Selections from The Hudson's Bay Company Museum Collection publication.

Parklands/Mixed Woods Gallery

# **Criddle Paintings**

November 20, 2012

Botanical watercolour paintings by Norman Criddle were replaced with other paintings from the Criddle collection, for conservation reasons.

# **Immigration Kiosk** January 14, 2013

New title signage and improved lighting help direct visitors' attention to the kiosk that documents immigration experiences.

**Museum Galleries** 

# Media Player Replacement February 2013

Media players were replaced throughout the Museum Galleries.

## **VIDEO EXHIBITS**

# Aschkibokahn Mini-Diorama

Rover in Grasslands Gallery and Parklands Mixed Woods Gallery May 2013

A documentary video has been produced, including interviews and a close look at the artistry and detail work involved in creating a fantastic mini-diorama.

# Behind-the-Scenes in Natural History

Rover in Grasslands Gallery and Parklands Mixed Woods Gallery May 2013

This video features a behindthe-scenes interview, with a peek at Natural History collections storage area and dismantling of the Colours in Nature exhibit.

# Behind-the-Scenes in Human History

Rover in Grasslands Gallery and Parklands Mixed Woods Gallery May 2013

This video features a behindthe-scenes interview on the acquisition of new artefacts to the Contemporary Cultures and Immigration collections.

# **Prairie Pollination**

Virtual exhibit video January 2013

Videos were produced for the Prairie Pollination Virtual Museum of Canada virtual exhibit.

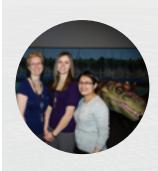


Cariole, Hudson's Bay Company Gallery.

Horse Trough, Urban Gallery.



nterpretation is about creating a connection between content and understanding. At The Manitoba Museum, this can take many forms, from the structured Guided Highlight Tours offered on weekends to the volunteer staffing of the Nonsuch. Programs are designed to address the needs of the widest range of groups possible.



# BEHIND-THE-SCENES TOURS

On July and August weekdays, visitors participating in behind-the-scenes tours got the inside scoop on how exhibits are created and how artefacts and specimens are collected and preserved. Participants saw a range of treasures not usually accessible to regular visitors, from Inuit sculptures to tiny mouse skeletons.

#### DINOSAURS UNEARTHED

Programs staff enhanced this roaring life-sized exhibit of animatronic dinosaurs with scavenger hunts, hands-on fossil interpretation and "chompy dinosaurs" – one of our most popular crafts ever. On Minisaurus Mondays, the roar of the exhibit was turned down to provide a friendlier experience for our youngest dinosaur enthusiasts.

Preschoolers and Early Years students made dinosaur hats, dug in sandboxes, and undertook a variety of special crafts and activities at this special Monday morning program.

# SPECIAL PUBLIC PROGRAMS

#### MANITOBA DAY

While every day is Manitoba Day at the Museum, Saturday, May 12 was something special. 4,234 visitors came to the Museum that day to celebrate Manitoba's 142nd birthday, which included eating a giant cake, shaped like Manitoba. There was something for everyone that day, including notable Manitobans sharing interesting stories about being Manitoban in a public forum. Families took part in a mix of Heritage Fair booths, live music

and fabulous MB Day cake located in Alloway Hall. Panel discussions included Winnipeg broadcaster Rosanna Deerchild, playwright Ian Ross, musician Sean Quigley of "Little Drummer Boy" fame, rock music historian John Einarson and Chief Ovide Mercredi, former National Chief for the Assembly of First Nations. Museum Curators engaged many visitors in the new Red River Settlement Bicentenary exhibit in the Discovery Room. Many costumed interpreters from local organizations gave excellent demonstrations in the Museum Galleries. Big thanks to our generous sponsor, the Manitoba Lotteries Commission.

#### **MUZZZEUM SLEEPOVERS**

You might think the Museum sits silent overnight, but last year over 2,600 energized campers kept the galleries a-buzzing, as they took





part in the MuZZZeum Sleepover program sponsored by Investors Group. Participants were treated to tours of the Museum Galleries, interactive storytelling, live science demonstrations, healthy evening and morning snacks and a Planetarium show. After blowing up air mattresses, unfurling sleeping bags and fluffing up their pillows, pyjama-clad campers then explore the Museum in the dark with flashlights. Once again this February, in partnership with Festival du Voyageur, we welcomed a number of rural and out-of-province schools in town for the annual winter event - with special mid-week sleepovers, including a group from the Northwest Territories.

## ARCTIC EXCURSION

Science Programs Developer Mike Jensen joined 80 teenagers and 35 other scientists, explorers, educators and artists from around the world, on his fourth expedition with Students on Ice during the summer of 2012. Students on Ice is an organization dedicated to educating teenagers about the effects of climate change on the Earth's polar regions. Ironically, the expedition ground to a halt in Iqaluit, as thick sea ice prevented the team from boarding their exploration vessel. But, after a dramatic "rescue" by the Canadian Coast Guard, the group eventually boarded the Akademik Ioffe, and sailed north along the east coast of Baffin Island to the remote community of Qikiqtarjuaq, and

finally, across the Davis Strait to the pristine environment of Greenland. Along the way, Jensen conducted education programs, accompanied zodiac landings and explored locations drastically affected by climate change.

# **ASTRONOMY COURSES**

Taking advantage of the Planetarium's new Digistar 5 technology upgrade, our adult leisure course, Eyes to the Skies, broke new ground in helping over 60 participants learn about the heavens. Budding night sky enthusiasts took part in one of four seasonal courses offered this year. Covering constellations, planets, the deep sky and so much more, a lot was packed into each six-evening course. By the end, participants could navigate the night sky with ease and point out planets and other celestial objects. Taking place in the intimate environment of the Planetarium Star Theatre, each evening offered a hands-on, interactive classroom portion, followed by a laser pointer-filled "nighttime" portion.

### **DAY CAMPS**

The Museum's Discovery Day Camps hosted more than 300 happy campers in two different themed weeks last July and August. Daily themes included Space Day, Safari Day, Smooth Sailing Day, Sleuth Day, and Scientist Day alternating with Architecture Day, Animals, Animation Day, Aboriginal Culture and Amazing Science. These weeklong camps particularly appealed to parents who work downtown, since the pickup and drop off times are flexible and timed around their work days.

#### **SPRING BREAK**

The busiest week of the year had the Museum filled with excited Spring Breakers looking to check out our three main attractions, as well as the final few days of *Dinosaurs Unearthed!* 

#### YURI'S NIGHT 2012

Yuri's Night, a celebration of the human spirit of exploration, was held in the Science Gallery and Planetarium on April 12th, 2012. The worldwide space party celebrates the first human flight into space by Yuri Gagarin on April 12, 1961. The Winnipeg event featured science and space presentations, DJs and dancing under the Planetarium dome.

## **NUIT BLANCHE**

Mad Men inspired The Manitoba Museum's Nuit Blanche this year! This free event on September 29 was part of Culture Days Manitoba. Nuit Blanche revellers, many dressed in their best fifties and early sixties chic vintage cocktail party clothes, travelled back to a time before man's first walk on the moon. The Museum foyer was transformed into a fabulous Mad Men inspired party lounge. The 1960s came alive with live jazz



Right: Claudette Leclerc, TMM CEO and Larry Wandowich, Community Relations and Corporate Security Officer, Manitoba Lotteries, cut cake on Manitoba Day.



With the recent upgrade to a Digistar 5 full-dome system in the Planetarium, visitors can peer through the eye of the Hubble Telescope at the Wonders of the Universe... or discover New Horizons on other worlds.

bands, swing dance, vintage décor and a mocktail bar. Programs staff offered continuous self-guided tours until 11 pm, with special themed highlight tours of the Museum Galleries given in French or English every 45 minutes. Many thanks to all local partners, including Jazz band Blue Noise and The Royal Canadian Air Force Jazz Sextet from 17 Wing Winnipeg, Costume Museum of Canada, Hepcat Studios and UM Swing Dance Club, Toad Hall Toys, and The Foxy Shoppe.

### **RENTALS**

The Facility Rentals Department hosted 178 events over the past year. The Museum Galleries, Festival Hall and Alloway Hall were host to 62 events bringing in over 22,000 guests, including corporate functions, conference events, receptions, weddings and corporate holiday parties. *Dinosaurs Unearthed* created a wonderful opportunity to promote and sell "Dino Might" Birthday Parties, with 116 birthday parties bringing over 1,600 excited party children to the Museum.

# SCHOOL PROGRAMS

In 2012 – 2013, more than 85,000 students learned about Manitoba's human and natural history, science and astronomy through more than 70 programs, sponsored by Great-West Life and developed by our creative staff. Numerous School Program Volunteers assist in delivering programs to the throngs of school children who visit each year.

# FESTIVAL DU VOYAGEUR PARTNERSHIP

Jocelyne Lavack, Museum Program Animator, was sent to the Trading Post in Fort Gibraltar for school programs during the week of the Festival. This costumed position of a North West Company clerk told a brief story of the fur trade era and the basic operations of Fort Gibraltar in 1815 for a total of 1,865 people. Colin Mackie, Heritage Programs Manager, helped bring the HBC and Nonsuch Galleries alive by entertaining hundreds of visitors with fur trade stories and touchable artefacts in both French and English during Spring Break.

# NORTHERN OUTREACH EDUKIT PROJECT

The northern outreach edukit project is designed around the concept of using objects to tell stories. This project continues an examination and celebration of the Cree in northern Manitoba that was previously referred to as *Braiding Histories*.

The Museum has entered into the second phase of a collaborative outreach effort with the Opaskwayak Cree Nation Educational Authority, the Kelsey School Division, the Flin Flon

School Division, the School District of Mystery Lake, Frontier School Divison and University College of the North.

Each of the six partnering communities will once again receive a set of edukits that will be rich in artefact replicas and educational resource materials for both students and educators. all of which will focus on relevant Cree histories, heritages and cultures. Project partner direction, guidance and support will see this phase examine northern Manitoban Cree societies' relationships with water, as a source of sustenance: physically, spiritually and socioeconomically, past and present.

These edukits will be used by teachers in their classrooms to strengthen and inspire interest in Cree communities, encouraging pride in Aboriginal youth and appreciation in non-Aboriginal vouth. University College of the North's set of kits will become integrated into their Kenanow Bachelor of Education Program for student teachers attending campuses in The Pas and Thompson. As custodians, the project's partners may integrate their kits into existing educational and community-based initiatives.

Made possible through a Federal Museums Assistance Program (MAP) grant promoting Aboriginal Heritage, the project concludes in the spring of 2014.





he Museum Collection, which is comprised of multiple collections, objects, and supporting documentation for 13 curatorial disciplines, is a public asset preserved for the educational enrichment and enjoyment of all visitors. It is continually being refined, studied and strategically developed by Research and Collections staff in the departments of Human History, Natural History, and Collections and Conservation. Artefacts and specimens are acquired through a variety of means: field collection, donation, exchange, and acquisition.

# **ACQUISITION HIGHLIGHTS**

## Archaeology

One projectile point, from southwestern Manitoba, dating to the Intensive Diversification Period (7,500 BP - 5,200). The base is broken, obscuring a positive identification. It is either a Maple Leaf Complex

(6,300 BP - 5,200) or maybe a Burmis Barbed Point (7,500 - 7,300 BP). The Museum has neither of these types in the collection.

#### **Botany**

40 vascular plants, fungi and lichens from southwestern Manitoba.

35 rare plants from southern Manitoba donated by the Manitoba Conservation Data Centre.

# Contemporary Cultures & **Immigration**

- African Ethnology Collection -Seven artefacts (two small tobacco gourds, three black and white prints, a wooden bowl with stand, and a wooden cane) build on the Turner collection, from Kenya; valiha musical instrument, from Madagascar.
- **Contemporary Cultures** collection - Two hand puppets, "Duchess" and "Marvin Mouse," were added to the "Archie and His Friends" collection; a variety of 1950s children's toys (among them

Detail: Historical photographs from the Berens Family new acquisition display (Nov. 5, 2012 – May 12, 2013)







Upper: Detail of Slovakian textile. Lower: The mineral millerite, from the Thompson mine

a doll house, a doll high chair, and a sled); "Loki" sounding rocket used at the Churchill Rocket Range (1970-1974).

#### Ethnology

- Berens Family Collection -Two silver Chief's medals, one given to Chief Jacob Berens in 1875 at the signing of the Treaty No. 5 and a second, given to him in 1901 in commemoration of the Treaty during a visit to Canada by the Duke of York (later George VI). Also included were the Chief's coat given to Chief Jacob Berens when the treaty was signed and one navy Chief's coat belonging to his son Chief William Berens, still in use in 1945.
- Exquisitely beaded Métis pad saddle with family connection to Constable Joseph Alexander Blackburn, bought in what is now Saskatchewan at the time of the Riel Rebellion.

  Blackburn was was among the officers who formed the guard for the Riel trial.
- Original anthropological and archaeological research journals, detailing the locations of rock paintings and petroforms within the province. Other journals are accounts of stories and legends told during 30 years of fieldwork among the Anishinaabe people of the upper basin of Lake Winnipeg.

- Rich Collection/ Rubin
   Collection A small collection
   of arrowheads from a site near
   the Souris River, a historical
   camping spot for Dakota and
   Anishinaabe peoples; also
   beaded pillow cases and
   decorative items acquired
   from Aboriginal families.
- 9 small hand-painted wooden carvings by the Cree artist Albert Chubb of Norway House, acquired gradually over a period of thirty years by Provincial Judge Charles Rubin as a circuit judge in Manitoba's north.
- Saami sled, meticulously crafted and complete with reindeer harness, which belonged to Dr. Bill Pruitt, one of Canada's great experts on snow.

### Geology/Paleontology

- More than 100 slabs of fossil-rich limestone were collected from the William Lake site. These contain numerous unusual fossils such as horseshoe crabs and jellyfish.
- Rock and fossil samples were collected from a site near Fisher Branch. This historic site, lost to science for many decades, was rediscovered in 2012.
   Layers at the site represent time before and after the end of the Ordovician Period, one of the "big five" intervals of mass extinction in the history of life (443 million years ago).
- A beautiful example of millerite (a rare nickel mineral)

was acquired. In addition, a splendid specimen of copper was received. Both are featured in the Minerals from the Precambrian Shield exhibit.

#### History

- Norwegian Chest, 1790, with painted panel scenes of a gentleman fighting a bear.
- Medalta pottery, ceramic foot warmers and decoy ducks collections, as additions to the Wilson Collection.
- Textiles made in the village of Lentvora, Slovakia and brought to Dugald, Manitoba in 1948 by an immigrant mother and daughter.

### Hudson's Bay Company Museum Collection

- A rare 1795 edition of the book by the famed HBC explorer Samuel Hearne, A Journey from Prince of Wales Fort in Hudson's Bay to The Northern Ocean (London: A Strahan & T. Cadell, 1795), describing this 18th century adventure into Canada's Arctic.
- An unusual HBC salesman's tea and coffee sample case, used in Western Canada in the early 20th century, complete with all glass sample jars, and some remains of tea.

### Zoology

 A barn owl (*Tyto alba*) found near Elie in December 2012, is the first confirmed Manitoba record in almost 20 years. An

Left: A Hudson's Bay Company salesman's tea and coffee sample case, early 20th century. Right: A rare edition of Samuel Hearne's, A Journey from Prince of Wales Fort in Hudson's Bay to The Northern Ocean (London: A. Strahan & T. Cadell, 1795).







emaciated female, it perhaps succumbed to starvation, due to an apparent leg injury which might have kept the bird from hunting.

- Two complete narwhal tusks (Monodon monoceros), each measuring over 2.5 m, were received by donation and are the largest in our collection. These will make superb exhibit pieces.
- A collection of over 30 bats represents several species as vouchers from a research project in southern Manitoba. This is an important addition to the research collection, given recent interest in these major players in natural insect control.
- 30 specimens of pollinating insects from Birds Hill Provincial Park.

## COLLECTIONS DOCUMENTATION

In 2012 – 2013, 3,491 new artefacts and specimens were added to the collection, broken down as follows: Archaeology (431), Ethnology (103), HBC Collection (5), History (305), Botany (556), Geology (16), Herpetology (1), Invertebrates (1,899), Mammalogy (66), Ornithology (108), Paleontology (1). At fiscal year-end, the Museum's catalogues contained a total of 2,894,451 objects.

This year has seen continual upgrade of the Museum's collection documentation procedures as applied to inventory-taking in the Museum Galleries.

 Design and completion of additional fields within the Natural History catalogue modules, to ensure consistency across disciplines, and across all catalogue modules for appraisal and tax information;

- Enhancement of the photographic services database to link images to the catalogue and pre-acquisition databases;
- Increased use of multiple modules in the STAR/Museums collection database, including entry of Museum Gallery exhibits in the events & exhibits module, and entry of over 500 backlog Conservation reports;
- Revised collection forms, including Request for Receipt for Income Tax Purposes and Memorandum of Appraisal.

## **LOANS**

The Manitoba Museum had 176 active loan agreements in place, representing 663 objects available on- and off-site for display or research purposes. Notable loans include:

- Incoming: A Black Brant V Sounding Rocket, on longterm loan from Magellan Aerospace, was installed in the Science Gallery. This artefact will be the central feature in the gallery's space-themed exhibits.
- Outgoing: eight costume and textile artefacts to Platform Gallery for exhibit involved condition reports, photographic documentation and treatment of five dresses, repair of two mannequins, installation of costumes on the mannequins, fabrication of two boxes for transit, and transportation and installation.

### **CONSERVATION**

The Museum's Department of Collections and Conservation provides preventive and restorative treatments for objects in the collection. Conservators also monitor environmental conditions such as temperature, relative humidity and light levels and

signs of biological activity within exhibition and storage spaces. They implement an integrated pest management program to ensure that all objects are maintained according to the highest professional standards. Over the past year, 55 objects were treated in the lab.

Significant conservation activities in 2012 – 2013 included:

- Completion of 1,149 condition reports and 221 mounts, storage boxes or enclosures.
- Upgraded storage of Archaeology collections in sub-basement storage area affected by MCCC Parkade renovation: moved two complete storage units, unloaded boxes from units, carried shelving units to new positions, replaced boxes on shelves; updated contents and location lists.
- Processing, documentation, condition reporting and treatment of a painted iron horse trough.
- Assessment of mural, The Creation of the World, by Daphne Odjig; in consultation with TMM conservators, a range of treatment options for consideration in future gallery changes was provided by paintings conservator Radovan Radulovic.
- Completion of refurbishment project on lichens/fungi/moss/ cone/fruit collections, 3,000+ specimens; included improved boxes, labels, numbering, and re-filing in new taxonomic order.

Left: Black Brant V Sounding Rocket, on loan from Magellan Aerospace, Winnipeg, MB. Right: "Marvin Mouse" and "Duchess" joined the Archie and His Friends collection [H9-37-648, H9-37-647]. Archie and His Friends and Funtown TV shows aired from 1965 to 1986.



Specimen of barn owl, Tyto alba

#### ARCHAEOLOGY

 R.E. ten Bruggencate, M. Fayek, K. Brownlee, S. Brooke Milne, S. Hamilton, "A combined visualgeochemical approach to establishing provenance for pegmatite quartz artifacts," *Journal of Archaeological Science*, Vol. 40 (2013), pp. 2702-2712.

#### **BOTANY**

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- D.B. Robson, "An assessment of the potential for pollination facilitation of a rare plan by common plants: Symphyotrichum sericeum (Asteraceae) as a case study," Botany, Vol. 91 (2013), pp. 1-9.

#### GEOLOGY/PALEONTOLOGY

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- G.A. Young and D.M. Rudkin, "Ghost's chance: remarkably preserved Late Ordovician ctenophores (comb jellies) at the William Lake Site, Manitoba," Canadian Paleontology Conference Proceedings, No. 10, Toronto, ON (2012), pp. 65-66.
- R. Elias and G. Young, "Ordovician-Silurian boundary interval in the Williston Basin outcrop belt of Manitoba: a record of global and regional environmental and biotic change," GAC-MAC 2013 Field Guide Summary, Geoscience Canada, 39 (2012), p. 181.
- K.D. Lapenskie, R.J. Elias, G.A. Young, and G.S. Nowlan, "Late Ordovician to earliest Silurian environmental and biotic changes, recorded in a core from Churchill Rocket Research Range, Manitoba," Canadian Paleontology Conference Proceedings, No. 10, Toronto, ON (2012), pp. 45-46.
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- record of Late Ordovician Late Silurian arthropod diversity in marginal marine Konservat-Lagerstätten of central Canada," *Geological Society of America Annual Meeting*, Charlotte, NC (2012), Paper #30392-207698.
- J. Young and G. Young, "Geology of the Manitoba Legislative Building," GAC-MAC 2013 Field Guide Summary, Geoscience Canada, 39 (2012), p. 180.

# HUDSON'S BAY COMPANY MUSEUM COLLECTION

 J. Morton, Relics of Interest: Selections from the Hudson's Bay Company Museum Collection, (Winnipeg: The Manitoba Museum, 2012), 80 pp.

#### ZOOLOGY

- N.R. Delventhal and R.D. Mooi, "Callogobius winterbottomi, a new species of goby (Teleostei: Gobiidae) from the Western Indian Ocean," Zootaxa, 3630 (2013), pp. 155-164.
- R.D. Mooi and A.C. Gill, "Evidence for relationships among gobioid fishes (Percomorpha: Gobioidei), with special reference to 'basal' clades," World Congress of Herpetology, Vancouver, BC (Aug. 8-14, 2012), Abstracts, pp. 490-491.
- A.C. Gill and R.D. Mooi, "Thalasseleotrididae, new family of marine gobioid fishes from New Zealand and temperate Australia, with a revised definition of its sister taxon, the Gobiidae (Teleostei: Acanthomorpha)," Zootaxa, 3266 (2012), pp. 41–52.

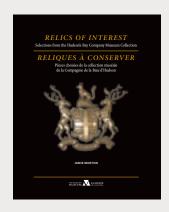
#### ONLINE PUBLICATIONS

Curators are encouraged to share their knowledge and expertise by publishing their research findings in printed format and other media. Forty-six curatorial blogs alone were posted on the Museum's website.

J. Morton, five short video clips dealing with objects and themes from the HBC Museum Collection, posted to the website of Canada's History:

- "Tales and Treasures: The Little Emperor"
- "Tales and Treasures: Carving Stories"
- "Tales and Treasures: Plain Clothes"
- "Tales and Treasures: The Nonsuch"
- "Tales and Treasures: Fur Trade Couture"

# **PUBLICATIONS**



Curators are encouraged to share their knowledge and expertise by publishing their research findings in printed format and other media.



ngoing research undertaken by The Manitoba Museum's curatorial and programming staff contributes collectively to our visitors' better understanding of the human, natural, and scientific elements which have shaped the province of Manitoba; its evolving ecosystems, and the culturally diverse peoples who have settled and transformed it over time. The study of information gleaned from collected materials, provides context and meaning to more than 2,800,000 artefacts and specimens housed within the Museum, and has many practical applications.



Museum curators at the edge of the Assiniboine River Valley in southwest Manitoba

# **RESEARCH AND COLLECTING PROJECTS**

The research specializations of the Museum curators embrace a broad range of topics. Often, the work of one year leads to further work in subsequent years, and requires additional staff support and time in order to deal with all aspects of object processing and documentation.

# Southwest Manitoba **Fact-Finding Tour**

A curatorial fact-finding trip to southwest Manitoba was undertaken, to explore possible concepts and themes for new content in the Grasslands and other Museum Galleries. Twelve curatorial and

programs staff visited many remarkable places over five days: pre-contact archaeological sites, local museums, historic buildings, and natural sites such as lakes and sandhills. Much information was gathered, and staff viewed places that could form the basis of worthwhile and exciting exhibits.

The Brockinton Site is a National Historic Site of Canada, one of the few in Canada to be focused exclusively on pre-contact heritage. While the site is nationally designated, the land is not owned by the federal government. The site was excavated in the late 1960s and early 1970s by Dr. E. Leigh Syms. The collection, housed at The Manitoba Museum, is one of the largest, numbering 698,544 artefacts. This stratified site, located along the valley wall

of the Souris River, has yielded evidence of three distinct occupations: an early bison kill and butchering pound about AD 800, a Duck Bay culture occupation about AD 1100 - 1350, and the first excavated evidence of the Williams culture about AD 1600. The Museum is well positioned to incorporate the Brockinton Site into the Grasslands Gallery.

# Laurel Ceramics in Northern Manitoba

Research on Laurel ceramics, found from eastern James Bay to northern Saskatchewan, has focused on the heartland area of northwestern Ontario and northern Minnesota. Northern











Manitoba sites have been only sporadically reported. Recent acquisitions have dramatically increased the number of attributed Laurel vessels and sites from northern Manitoba, and a review of 215 ceramic vessels was undertaken. Results will summarize Laurel findings in northern Manitoba in a forthcoming publication.

Granville Lake Archaeological Project (2006 – 2012)

- Lithic Analysis Mass aggregate analysis on lithic (stone) material is being undertaken by PhD candidate Robert Beardsell (University of Manitoba). This study will help to determine how quartz was removed from the bedrock and what manufacturing techniques were employed to make stone tools.
- Geological Sourcing -Research into quartz sourcing is being undertaken by PhD candidate Rachel ten Bruggencate (University of Manitoba). Isotopic variation can help to determine the geological sourcing of quartz.
- Oral History Two graduate students have worked on the oral history component of the project. Holly Cote (MA student, Lakehead University) completed her thesis in January 2012 on the cultural landscapes of the Asiniskow Ithiniwak from Granville Lake. Myra

Sitchon (PhD candidate, University of Manitoba) has been using traditional knowledge from multiple Assiniskow Ithiniwak communities in Manitoba to better define and protect heritage, from an Asiniskow Ithiniwak perspective.

#### **BOTANY**

**Pollination Ecology of Hairy** Prairie Clover (Dalea villosa)

This research involved documenting the insect pollinators of a nationally and provincially rare plant that grows in active to stabilizing sand dunes. In total, 29 insect species were observed visiting this plant during a week of research that took place in Spruce Woods Provincial Park in late July. This information will be useful to the team preparing the recovery plan for this species.

# **CONTEMPORARY CULTURES & IMMIGRATION**

Oral History Project: Winnipeg and Eastern Manitoba

With over 700 oral interviews, the Museum's Oral History Collection is a rich resource that includes the voices of a broad range of Manitobans. Interviews, however, were all conducted in the 1970s and consequently, the voices of recent immigrants to Manitoba are not represented in this collection. This research project aims to address this

content gap by making connections with three immigrant communities in Winnipeg (Filipino, Vietnamese, and Ethiopian) and three in eastern Manitoba (Paraguayan, German, and Mexican), conducting oral interviews with members of each community.

**Building Collections and Immigration Content: New York** City and The Manitoba Museum

During a research trip to New York City, the curator met with colleagues at the Ellis Island Immigration Museum, the Museum of Chinese in America. and the Lower East Side Tenement Museum to discuss collecting strategies, especially regarding contemporary collections, and to investigate different ways immigration history may be presented.

# **ETHNOLOGY**

Mapping the Contours of Identity

The curator is a research partner in a large project that aims to map the Métis buffalo hunting brigades of the mid-19th century, and to work out the identities of the people who made up those brigades. The Museum holds many artefacts associated with the brigades, including a collection of 15 beaded saddles. Dr. Sherry Farrell Racette of the University of Manitoba, Dr. Carolyn Podruchny of York University and Dr. Nicole St-Onge of the University of Ottawa have spent time working



Left: Detail from painting by Paul Kane, "Half Breeds Running Buffalo," oil on canvas, courtesy of Art Gallery of Ontario, Toronto, Ontario. Right: Photograph of Court House,

site of Louis Riel's trial

with the collection this year and will return as the project continues.

# GRASAC Community Digital Research Project

With the assistance of Bill Nepinak, and thanks to a generous donation of photographs and research notes by Dr. Cory Willmott (Associate Professor, Department of Anthropology, Southern Illinois University), the Museum has commenced a collaborative relationship with GRASAC (the Great Lakes Research Alliance for the Study of Aboriginal Arts and Cultures). The curator is a research contributor to this digital image and data sharing system, which assembles in virtual space artefacts, texts, and other historical material related to Indigenous peoples of the Great Lakes, including the Ojibwe and Cree peoples of Manitoba. The database is hosted by Carleton University under the direction of Dr. Ruth Phillips of Carleton University and Dr. Heidi Bohacker of the University of Toronto.



Beaded Métis pad saddle, purchased by Constable Joseph Alexander Blackburn

at the time of the Riel Rebellion.

# GEOLOGY/PALEONTOLOGY

# Geological Developments in the Northern Interlake Region

In August 2012, the curator's research team carried out fieldwork at various sites in the Interlake and the Grand Rapids Uplands. The team completed basic field collection of the William Lake site; this is one of the world's most important fossil

sites for the Late Ordovician Period (about 445 million years old), and many superb fossils such as jellyfish, horseshoe crabs, and eurypterids ("sea scorpions") were collected. The team also carried out reconnaissance on quarry sites, such as a huge new quarry in the Grand Rapids Uplands, and sites of Devonian age in the Interlake. The field party this year included David Rudkin (Royal Ontario Museum), Michael Cuggy (University of Saskatchewan), and Ed Dobrzanski and Debbie Thompson from The Manitoba Museum. Laboratory study of all of these fossils is ongoing.

# The Fossil Record of Jellyfish (Cnidarian Medusae)

Fossil jellyfish in the Grand Rapids Uplands are the focus of ongoing studies, as the curator works to understand them in light of the sparse global fossil record for this important group. In 2012, the curator carried out collaborative work at the Denver Museum of Nature and Science, completing compilation of the global literature on this topic in preparation for a final comprehensive review. This will permit a greatly improved understanding of jellyfish, which

are considered significant as indicators of climate change and overfishing in modern oceans.

#### HISTORY

# Towards a Revitalized Grasslands Gallery

Research of exhibits at the National Museum of American History, The National Portrait Gallery, and the National Museum of the American Indian in Washington, D.C. was used to inform important topics of exhibition in a future renewed Grasslands Gallery. New approaches to the topics of La Vérendrye, the Red River Colony and Louis Riel have been outlined. This research was undertaken in support of future exhibit renewal plans.

# HUDSON'S BAY COMPANY MUSEUM COLLECTION

# Selkirk Settlement Research

Initiated in support of text panel development for the community exhibit, *The Selkirk Settlement:* 200 Years, this research examined the relationships between groups in the Red River Settlement from 1811-1821. It examined why the Selkirk settlers are recognized



Detail of Birch Bark Canoe, pre-1928, unidentified Ojibwe maker, Lake Savant region, Ontario [HBC 2330]

as the definitive "pioneers" of Manitoba. The illustrated conference paper, "Transforming the Pioneer," was presented at the May 2012, Rupert's Land Colloquium in Winnipeg.

#### Early Inuit Collections of the HBC

Research into the formation of the HBC Museum Collection revealed an effort to obtain Inuit materials in the formative years of the HBC Historical Exhibit (1920 - 1922). Collecting expeditions were mounted to areas surrounding Hudson Bay, and a private "museum" containing many Inuit objects was purchased. This research led to the illustrated conference paper, "Early Inuit Collections of the HBC," presented at the 18th Inuit Studies Conference in Washington, DC, in October 2012.

## Research for Publication: Relics of Interest

Research into the creation and evolution of the HBC Museum Collection provided the basis for the 80-page illustrated book, *Relics of Interest: Selections from the Hudson's Bay Company Museum Collection.* It follows the four-part mandate of the 1922 HBC Historical Exhibition – to

present the history of the HBC, life in the fur trade, the resettlement of Canada, and Indigenous culture. The book uses a selection of the objects collected since 1920 to symbolize these four themes.

#### **ZOOLOGY**

Diversity and Historical Biogeography of Amphibian and Reptiles in Manitoba

Extensive collections of toads were obtained from two remote locations in northern Lake Winnipeg: Limestone Point and Eagle Island. Other surveyed localities included roadside ponds north of Norway House and in the Interlake Region between Grand Rapids and Ponton. These collections provide data regarding the northern contact zone and possible hybridization between American and Canadian toads. Along with the curator, the field team included Dr. Gary Casper (University of Wisconsin-Milwaukee Field Station) and Janis Klapecki (The Manitoba Museum).

Systematics and Biogeography of Percomorph Fishes

With Dr. Tony Gill (Macleay Museum, University of Sydney, Australia), a new family of fishes was described to understand the evolution and diversity among gobioid fishes, a species-rich and ecologically important group. Relationships among another gobioid group are being examined with Naomi Delventhal (PhD candidate, University of Manitoba). This research has uncovered several species previously unknown to science, along with new insights into their evolution.

# Manitoba Breeding Bird Atlas (Year 3)

Just over halfway through, this citizen science project has engaged over 890 participants, who have logged 22,000 hours of observations and contributed 160,000 records. Over 260 species have been confirmed breeding in the province. Knowing where birds breed helps scientists to assess ecosystem health and the data will provide a baseline for documenting future environmental change. This project is administered by Bird Studies Canada and supported by several institutions, including The Manitoba Museum.



Soapstone sculpture, *Man Making a Pot*, 1958, Lukasie (Tunu) Saviakjuk, Salluit, Quebec [HBC 60-74]



Mating American toads (Anaxyrus



ach year, The Manitoba Museum partners with many organizations and school divisions across the city and province-wide to provide work experience opportunities to numerous individuals. Since March 2010, a dedicated group of volunteers from the Skills for Living program at Dakota Collegiate has been animating the Arctic Life interpretation station in the Museum Galleries. The students, Troy Kehler and Bryce Malcolm along with their dedicated Educational Assistants Christine Nault and Richard Reid are the key ingredients to making this partnership so special. In the beginning, Troy and Bryce were quite shy and unsure when approached by visitors, but through training from Museum staff and the support of their EA staff, Troy and Bryce now deliver a very animated presentation to visitors they encounter in the Arctic / Sub-Arctic Gallery. Information on artefacts has even been programmed into Bryce's iPad so that he can now communicate more effectively with visitors. Troy and Bryce have presented to groups as large as 25 visitors. Through this partnership the Museum presents

a hands-on interpretive activity for visitors, while Troy and Bryce have become better communicators and gained valuable work experience, and confidence!

Many new Canadians and international students also chose to complete work placement or learn about their new home at The Manitoba Museum. This past year the volunteer programs welcomed new volunteers from Mali, China, South Korea, Indonesia, Japan, Haiti, Mexico, Nigeria, Dominican Republic, Zambia, Ukraine, Nunavit, Somalia, Malaysia, Uganda, Philippines and Argentina. Throughout the past year, The Manitoba Museum played host to 21 students from six different school divisions, Red River College, University of Winnipeg, University of Manitoba, Fleming College and Carleton College for various job shadows, work experience placements and internship opportunities. Along with these we also partnered with Community Ventures, Transcona Springfield Employment Network, Urban Circle Training Centre, Horizon Adult Learning Centre, Work Force, The Salvation Army L.E.E.P. program and Northern Youth Abroad.

# HIGHLIGHTS

337

volunteers contributed a total of 18,375 hours in 2012 – 2013 55%

of our volunteers were youth between the ages of 14 and 29 with 39% of those youth being between 14 and 18. 64%

of our volunteers are female, 36% male.

The Museum is very fortunate to have many long service volunteers. 24 of our volunteers have been with us between 10 and 19 years; 12 have been with us between 20 and 39 years and we have one volunteer who has been with the Museum for over 40 years!

# 1,000 hrs

One volunteer contributed over 1,000 hours, one contributed over 900 hours, another one contributed over 500 hours; eight volunteers had between 200 and 500 hours and 27 more gave between 100 – 200 hours each.

Museum volunteer Gary Day is the 2012 recipient of Tourism Volunteer of the Year Award. This is awarded through Tourism Winnipeg. Gary celebrated his 10th anniversary as a volunteer on the Nonsuch with our Interpretive Programs department last year.

# 2012 - 2013 VOLUNTEERS

Diane Adams Diana Ahluwalia Yuri Akahoshi Florval Alphonse Mica Andres Kathy Arnold Kelsey Auld Dallas Bagby Dawn Baker Andrea Ball Margaret Banka Barbara Bannatyne Roberto Barahona Alisson Baril Derek Barr Marynea Bautista Dylan Beaudry Susan Beckwith Bill Berens Scott Berthelette Howard Bilenki Honoure Black Lee-Ann Blase Scott Bodnarek Shelby Bohn Sarah Brazauskas Susan Broadhurst James Burns Joan Buss Mwansa Bwalya Christopher Calesso Jessica Campbell Justin Cardinal Jaina Cairns Sherri Cairns Karen Camagong Mark Cetovski Judy Chan Talisha Chaput Allison Cavers Haley Cho Savannah Clark Françoise Collins Kayla Coodin Jacqueline Cordova

Sal Costenzo

Ernie Creasy Brian Crow Jamil Cruz-Kan Tyler Cyr Daniel Dai David Dai Jack Dalzell Glenise D'Arcangelo Phyllis Dana Lynda Daun Gary Day Tina de Boer Iimuel De Castro Miriam Dela Santos Larry de March Raelene Derksen Iustin Derouin Miamouna Diawara Edward Dobrzanski Neil Doerksen Simone Dondo Gerry Donnelly Ruth Dowse Isobel Drenker Dioscoro Ducepec Jake Dueck Rachelle Dunlop Holly Durawa Walter Dyck James Edwards Alexandra Enns Shawn Enns Margaret Entz David Fanhbulleh Paul Ferguson Hernan Fernandez Flores Suzanne Foreman Gail Fortier Marion Foster Josh Friesen Keegan Gajek Timothy Gaultois Lucas Giesbrecht Iim Glen Jenna Glidden

Anna Gonzales

Jessica Gonzales Jaswinderpal Grewal Eldar Grosman Liad Grosman Geraldine Gruszczyk Annie Guzman Marisa Halek Amanda Haligowski Marie-Rose Hanyurwimfura Dakota Harper-Barten Awad Hawamdah Gisele Hawkins Chris Hay Arlene Hayden Jacqueline Hayden Kara Heckert Kayla Henaire Aaron Henderson Carmen Héroux Carol Hibbert Eileen Holowka Anna Houston Junjie Huang Jessica Hunt Kia-Louise Hunt Ekein Huynh Valery James-Lewchuk Angela Jagnyziak Kandyce Jaska Karen Johnson Vanessa Johnson-Sager Emelié Kehler Trish Kellev Colin Kennedy Marc Kennedy Amani Kissu Heather Komus Sacha Kopelow Micah Kraut Jackie Krindle Freya Kristjanson-Dinning Alexandra Kroeger Teagan Kroeker

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Sally Lawler

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The eighth Manitoban to be honoured by The Manitoba Museum at our annual Tribute is the embodiment of philanthropic leadership. Mr. Kerry Hawkins represents the finest qualities of community leaders who make lasting contributions for all Manitobans. Mr. Hawkins' served on the HBC Board at a time when the decision was made to gift the HBC Museum Collection to The Manitoba Museum and as a result. this will forever link him with The Manitoba Museum.

The theme for the 2012 Tribute was Give the Past a Future. Each year, the proceeds from Tribute go to a Museum program chosen by the honouree. Not surprisingly, Mr. Hawkins chose conservation and restoration of the Nonsuch and the HBC Collection.

Dinosaurs Unearthed roared into Alloway Hall as the second major exhibit of our ambitious multiyear program to bring the best of the world to Manitoba. Presented

under our new umbrella travelling exhibits program - Alloway World Exhibits or AWE!!! - as we like to call it; Dinosaurs Unearthed was made possible by the generosity of Presenting Sponsor MacDon Industries as well as The Winnipeg Foundation, Bird Construction and Travel Manitoba.

Dinosaurs Unearthed attracted record crowds throughout its six month run. We are delighted by this response as AWE is a reflection of The Manitoba Museum's ongoing commitment to all Manitobans to bring an exciting roster of travelling exhibitions to Winnipeg.

The Manitoba Museum Foundation provides annual support to the Museum through the support of Research, Collections, acquisition and exhibit replacement grants. Their contributions allow the Museum to renew our galleries, support important scientific research, and assist with the continued collection

of important artefacts and specimens. The generosity of our many Foundation donors is both valuable and important to the Museum in our service to the community.

More donors and members than ever before are choosing to learn about and support the Museum through our development and membership web site. Visit www.mbmuseumfundraising.com.

Members are kept up to date on program and exhibit news through Features Online and donors can learn more about our web-only development programs like Adopt an Artefact and the Nonsuch Conservation Project.

As home to over 2.8 million artefacts and specimens the Museum offers donors the opportunity to "adopt" items from the collection to ensure their long-term preservation. Many donors joined the Adopt an Artefact program because it is a unique, fun and easy way to show





Museum staff cut cake on Manitoba Day

their support for Manitoba's local history and supports conservation of many ancient treasures from Canada and around the world.

Conservation of the Museum's most iconic artefact, the Nonsuch, remains a top priority. Forty years after it was built to support ten sailors in bare feet, the deck of the Nonsuch has been trod on by over four million pairs of feet in shoes. In efforts to preserve collections for future generations, Nonsuch Conservation is an ongoing task where conservators fight a daily battle against dust, excess light, climate extremes, vandalism, gravity shifts, and pests of all kinds. The need to conserve this internationally revered artefact is critical. Visit our 3-D Nonsuch Conservation project, where you can visualize the conservation "hot spots" and help us *give the past a future!* www.mbmuseumfundraising.com.

In 2012 – 2013, we were particularly pleased to begin our regular *Online Donor Profile* by recognizing the contributions of individual and corporate donors. Members have also taken full advantage of the new online membership renewal and special membership services now available.

# **GRANTS**

The Development department expanded its programming to include a dedicated grant writing program. The Program will

coordinate grant writing activity within the Museum, and will create templates for standardization of program descriptions and institutional information such as Board lists and incorporation documents. With the program now in place, grant applications are already flowing out from the Museum and we anticipate sharing strong results next year.

### SAY IT WITH A STAR

Now in its 20th year, the *Say It With A Star* program remains as popular as ever. Program participants have adopted stars "just because" or to honour life's most important moments: births, deaths, birthdays, anniversaries and as an expression of true love. Adoptive names are listed outside the Science Gallery and it is not uncommon for participants to share emotional moments when they see their star.

Thanks to all our "star-crossed" donors who generously supported technology improvements to the Planetarium through their support.

# LAKE WINNIPEG – SHARED SOLUTIONS

Formerly known as  $The \, H_2O$  *Solution*, this project's official title is now *Lake Winnipeg – Shared Solutions*. The Museum's ambitious \$1 million Lake Winnipeg sustainable development exhibit entered into the development stage in early 2013. Content

development specialists, designers and fabricators are now beginning the process of finalizing the details that will inform the exhibit.

The exhibit is the very first integration of virtual reality/video simulation technology and pure water science in Canada. A totally new type of museum exhibit, it will offer a one-of-a-kind experience where visitors' imaginations, intelligence and ingenuity meet the realm of sustainable development.

The setting for *Lake Winnipeg – Shared Solutions* is one of the 10 largest freshwater lakes in the world – Lake Winnipeg – and its basin, which spans four provinces and four US states. Due to its shallow depth, Lake Winnipeg is especially vulnerable to climate change and is under severe stress due to nutrient overloading from industry, agriculture and communities throughout its vast basin.

Lake Winnipeg – Shared Solutions marks the Museum's entry into one of the most significant issues facing Manitoba and Canada today. As we are an institution that delivers curriculum-based programming to more than 85,000 students annually, Shared Solutions will educate, entertain and empower students and all Manitobans to affect positive change. This work could not be completed without the generous support of all our corporate and community partners. We are truly grateful for their support!

The Manitoba Museum extends its deepest expression of gratitude to our lead partner The Province of Manitoba, Culture, Heritage, and Tourism. On behalf of all Manitobans, please accept our heartfelt thank you for your continued support.

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Ethan, Aaron, Kevin and Susanne Saiko-Gamble

Ken Ferguson André Fiola The Fleming Family Laith Gagnon Edith Ginter

Grace Hospital Home Care Program

and Friends Kelly Hadath Wendy Hagidiakow

Jennifer Harrison Dawn Hatch The Hiebert Family

Hannah and Ariana Hill-Haluik Bonnie and Bryan Hockriege Julian Benson and Susan Hoplock

Edsul Hung

Friends of the Museum The James Family Teresa Johnson Sandy Kauenhofen Devon Kirkwood Genevieve Krahn

Laura-Lee, Larry and Family

Karen Lawless The Le Strat Family

Lianne and Pauline and Families

Lori Lofgren

Carmel MacLeod and family

Sabrina Matos

Maya, Lexi and Tori Rarog Ken McCarthy and Michaela Ori

and family Kevin McCarthy, Cody McLean

Friends of the Museum

Angela Morelli, Lois Moss Jessica Mutimer

Suzanne Neilson

Darlene Odwak The O'Leary Family Teresa and Greg Pester

Steven Piotrowski The Poturica Family

The Poturica and Stimpson Families

Kim Powell

Richard and Karen Powell Ioanne Provinciano Anita Raduy Debra Rarog Alson Richards

Audrey, Vern and Paige Ross

Karen Roth Irma Sarrondo Paul & Sonja Saquet Barb and Don Scharf Friends of the Museum

Rose Spence John Small Connie Stewner Ayden St. Jean and Family

Shannon Syrnyk

David and Laurie Thompson Lianne Tregobov Charlene Vandenbosch

Xiaoyu Wang Susan Wong

Note — ■, # and • indicate Volunteer, TMM or TMMF Board Member and staff person respectively.



he Museum continues to attract thousands of new members each year, who each have their own special reason to visit and enjoy our three main attractions and special travelling exhibits. At the end of 2012 – 2013, our museum family included over 11,000 members. Members enjoyed a variety of special offers and programs throughout the year that provided even more value to their membership.

Our most popular event is the Alloway World Exhibits Member's Preview Night. In October, members flocked to see *Dinosaurs Unearthed*, an extraordinary exhibition featuring 14 animatronic life-sized dinosaurs. While the exhibit offered something for all ages, our younger members especially enjoyed the experience.

To enhance the evening, members were also the first to enjoy the all new Digistar 5 All-Dome Digital Projection system in the Planetarium. Members were proud and pleased to learn that their Planetarium was the first in North America to offer this immersive new experience.

Members came to rely on e-blasts and enhanced *Features* newsletters to keep up-to-date on the latest news. Our expanded format includes insider information on the latest curatorial research and exhibits, offering members unique glimpses into behind-the-scenes Museum activities.

Children are an important part of our membership program, and the Museum strove to provide special programs and experiences for our younger

members. The *Insider's Guide*, our special membersonly publication, offers families gallery-specific information and activities to enhance every visit to the Museum. The guide engages children by encouraging them to interact with, and ask questions about, the exhibits. Online, members were able to print out program-specific activities for children to complete at home prior to or after visiting the Museum.

Members continued to benefit from our participation with the Canadian Association of Science Centres, enjoying free or reduced admission to over 25 science centres across Canada.

Old and young alike enjoyed their visits to the Museum, especially on Grandparents Day! As a celebration of that special relationship that exists between generations, the Museum once again offered free admission to grandparents or grandchildren of members.

Exercising their right to vote, members attended the Annual General Meeting held on June 21, 2012, to receive reports on the financial and operational health of the Museum and meet with the Museum Boards of Governors. Members took the opportunity to share their views on a range of topics affecting their Museum. The Museum would like acknowledge the member support we receive each year.

2012 – 2013 marked the first full year for our improved membership cards. Membership cards now feature a barcode and plastic backing, ensuring the cards can be used for multiple years.

Children are an important part of our membership program, and the Museum strove to provide special programs and experiences for our younger visitors.

## THE MANITOBA MUSEUM FOUNDATION INC.

The Manitoba Museum is custodian of a collection of 2.8 million artefacts and natural history specimens that provide an information base from which exhibits are developed on themes reflective of Manitoba's heritage. In accordance with its Statement of Activities, the undertaking of The Manitoba Museum Foundation Inc. is restricted to developing, expending and administering a fund for exhibit replacement, special acquisitions and research for the purpose of promoting the objects of The Manitoba Museum, set forth in The

Manitoba Museum Act, and in the furtherance of its Mission.

In fiscal year 2012-2013, six research grants were awarded, totaling \$16,000, six exhibit refurbishment grants were awarded totaling \$24,000, and two special acquisitions totalling \$15,750; the total awarded in 2012-13 to research, exhibit refurbishment and special acquisitions being \$55,750.

A capital renewal planning process is currently underway that will result in a Capital/

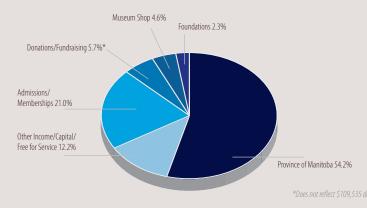
Endowment Campaign to be launched in the next few years ensuring Manitoba's past has a solid future.

Ken Ross

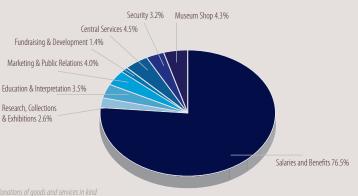
President, Board of Directors
The Manitoba Museum Foundation Inc.

# THE MANITOBA MUSEUM GENERAL FUND

## PERCENTAGE OF REVENUE TOTAL 100%



## PERCENTAGE OF EXPENDITURES TOTAL 100%



These condensed financial statements do not contain all of the disclosures required by Canadian accounting standards for not-for-profit organizations. Readers are cautioned that these statements may not be appropriate for their purposes. For more information on the Company's financial position, results of operations, changes in net assets and cash flows, reference should be made to the complete financial statements of The Manitoba Museum as at and for the years ended March 31, 2013 and March 31, 2012, on which KPMG LLP expressed an opinion without reservation in their report dated May 27, 2013.

# NON-CONSOLIDATED CONDENSED STATEMENT OF FINANCIAL POSITION

March 31, 2013, with comparative figures for 2012

		General Fund		Properties Fund	Rest	Other tricted Funds		2013 Total		2012 Total
ASSETS										
Current assets:										
Cash	\$	373,076	\$	_	\$	_	\$	373,076	\$	73,562
Restricted cash (note 3)		_		_	51	00,000		500,000		500,000
Accounts receivable:										
Grants		36,250		25,000	38	84,176		445,426		831,801
Other		35,486		_		_		35,486		49,556
Inventories		33,613		_		_		33,613		52,577
Prepaid expenses		37,592		_		_		37,592		34,589
Inter-fund loans (note 11)		(160,251)		(223,713)	38	83,964		_		_
		355,766		(198,713)	1,26	58,140		1,425,193		1,542,085
Properties (note 4)		_		22,207,174		_		22,207,174		21,999,016
Accrued benefit asset (note 6)		1,427,310		_		-		1,427,310		1,274,350
	\$	1,783,076	\$	22,008,461	\$ 1,26	58,140	\$	25,059,677	\$	24,815,451
LIABILITIES AND FUND BALANCES										
Current liabilities:										
Due to The Manitoba Museum Foundation Incorporated	\$	1,286	\$		\$		\$	1,286	\$	8,748
Accounts payable and accrued liabilities (note 7)	7	726,456	4	_	7	_	Ý	726,456	7	844,728
recounts payable and accract habilities (note 7)		720,430						720,430		044,720
		727,742		-		-		727,742		853,476
Accrued benefit liability (note 6)		563,101		_		_		563,101		513,860
Fund balance:										
Invested in properties		_		22,008,461		_		22,008,461		21,813,266
Externally restricted		_		_	76	58,140		768,140		1,057,175
Externally restricted working capital reserve (note 3)		_		_	50	00,000		500,000		500,000
Internally restricted (note 8)		878,640		_		_		878,640		569,474
Unrestricted		(386,407)		-		-		(386,407)		(491,800)
		492,233		22,008,461	1,26	58,140		23,768,834		23,448,115
	\$	1,783,076	\$	22,008,461	\$ 1,26	58,140	\$	25,059,677	\$	24,815,451

See accompanying notes to non-consolidated financial statements.

On behalf of the Board:

\_ Governor

# NON-CONSOLIDATED CONDENSED STATEMENT OF OPERATIONS AND CHANGES IN FUND BALANCE

Year ended March 31, 2013, with comparative figures for 2012

	Unrestricted	General Fund Internally Restricted	Total	Properties	Restricted Funds Special projects	Total	2013 Total	2012 Total
Revenue:								
Grants (note 9)	\$ 3,313,950	\$ -	\$ 3,313,950	\$ 30,800	\$ -	\$ 30,800	\$ 3,344,750	\$ 3,383,500
Fundraising (note 10)	330,760	_	330,760	_	_	_	330,760	340,266
Contributions	-	145,000	145,000	_	538,269	538,269	683,269	1,207,032
Admission	976,080	35,035	1,011,115	_	_	_	1,011,115	753,989
Museum shop	265,792	_	265,792	_	_	_	265,792	217,482
Contract services	12,506	_	12,506	_	_	-	12,506	79,938
Donations-in-kind	109,535	_	109,535	155,600	_	155,600	265,135	125,212
Memberships	198,593	_	198,593	_	_	_	198,593	150,716
Other income	377,953	114,225	492,178	_	_	_	492,178	364,756
	5,585,169	294,260	5,879,429	186,400	538,269	724,669	6,604,098	6,622,891
Expenses:								
Salaries and employee benefits	3,861,914	264,159	4,126,073	_	_	_	4,126,073	3,954,469
Research, collections and exhibitions	96,853	43,321	140,174	_	158,819	158,819	298,993	399,695
Education and interpretation	188,454	_	188,454	_	_	_	188,454	181,535
Marketing and public relations	206,051	12,204	218,255	_	88,148	88,148	306,403	209,089
Fundraising and development	77,368	_	77,368	_	_	_	77,368	91,875
Central services	246,086	410	246,496	11,445	37,353	48,798	295,294	290,572
Staff development and opportunity fund	25,483	_	25,483	_	-	_	25,483	23,742
Security	174,189	_	174,189	_	-	_	174,189	164,563
Museum shop	233,359	_	233,359	_	-	_	233,359	223,899
Goods and services received in-kind	109,535	_	109,535	_	_	_	109,535	90,715
Capital planning costs	-	-	-	18,765	-	18,765	18,765	74,748
Amortization of properties	-	_	-	533,182	_	533,182	533,182	539,348
	5,219,292	320,094	5,539,386	563,392	284,320	847,712	6,387,098	6,244,250
Excess (deficiency) of revenue over								
expenses before the undernoted	365,877	(25,834)	340,043	(376,992)	253,949	(123,043)	217,000	378,641
Adjustment to accrued benefit asset (note 6)	152,960	_	152,960	_	_	_	152,960	303,837
Adjustment to accrued benefit liability (note 6)	(49,241)	_	(49,241)	_	_	-	(49,241)	(87,891)
Excess (deficiency) of revenue over expenses	469,596	(25,834)	443,762	(376,992)	253,949	(123,043)	320,719	594,587
Fund balance, beginning of year	(491,800)	569,474	77,674	21,813,266	1,557,175	23,370,441	23,448,115	22,853,528
Transfer of funds for purchase of properties	(29,203)	_	(29,203)	572,187	(542,984)	29,203	_	_
Transfer of funds for internally restricted projects (note 8	(335,000)	335,000	-	_	-	_	_	_
Fund balance, end of year	\$ (386,407)	\$ 878,640	\$ 492,233	\$ 22,008,461	\$ 1,268,140	\$ 23,276,601	\$23,768,834	\$23,448,115

See accompanying notes to non-consolidated financial statements.

# NON-CONSOLIDATED CONDENSED STATEMENT OF CASH FLOWS

Year ended March 31, 2013, with comparative figures for 2012

	2013	2012
Cash provided by (used in):		
Operating activities:		
Excess of revenue over expenses	\$ 320,719	\$ 594,587
Items not affecting cash:		
Amortization	533,182	539,348
Change in non-cash operating working capital:		
Accounts receivable	400,445	(768,941)
Inventories	18,964	11,588
Prepaid expenses	(3,003)	(27,895)
Accrued benefit asset	(152,960)	(303,829)
Due to The Manitoba Museum Foundation Incorporated	(7,462)	1,267
Accounts payable and accrued liabilities	(118,272)	170,913
Accrued benefit liability	49,241	28,760
	1,040,854	245,798
Investing activities:		
Purchase of properties	(741,340)	(195,848)
Increase in cash	299,514	49,950
Cash, beginning of year	73,562	23,612
Cash, end of year	\$ 373,076	\$ 73,562

See accompanying notes to non-consolidated financial statements.

# NOTES TO NON-CONSOLIDATED CONDENSED FINANCIAL STATEMENTS

Year ended March 31, 2013

## 1. GENERAL:

The Manitoba Museum (the Museum) is a public, not-for-profit organization operating programs to preserve the heritage of Manitoba. The Museum is incorporated by a Special Act of Manitoba Legislation. The Museum is a registered charity under the *Income Tax Act* (Canada) and is therefore exempt from income taxes.

On April 1, 2012, the Museum adopted the Canadian Accounting Standards for Not-for-Profit Organizations (ASNPO) in Part III of the CICA Handbook. These are the first financial statements prepared in accordance to ASNPO. In accordance with the transitional provisions in ASNPO, the Museum has adopted the changes retrospectively, subject to certain exemptions allowed under these standards.

There were no adjustments to fund balances as at March 31, 2012 and April 1, 2011 or excess of revenue over expenses for the year ended March 31, 2012 as a result of the transition to ASNPO.

## 2. SIGNIFICANT ACCOUNTING POLICIES:

(a) Basis of presentation: The Museum exercises control over The Manitoba Museum Foundation Incorporated (the Foundation) by virtue of its abilities to appoint all of the Foundation's Board of Directors.

The Foundation's financial results have not been consolidated in the Museum's financial statements. Financial statements for the Foundation are prepared separately. A financial summary of the Foundation's financial position as at March 31, 2012 and March 31, 2011 and the results of operations for the years ended March 31, 2013 and 2012 are as follows:

	March 31, 2013	March 31, 2012
Assets	\$ 95,716	\$ 112,221
Liabilities	\$ 1,500	\$ 1,500
Unrestricted net assets	94,216	110,721
	\$ 95,716	\$ 112,221
Results of operations:		
Revenue	\$ 50,060	\$ 51,997
Operating expenses	66,565	33,066
Excess (deficiency) of revenue over expenses	\$ (16,505	) \$ 18,931

(b) Fund accounting: The Museum follows the restricted fund method of accounting for contributions.

Revenue and expenses related to program and project delivery and administrative activities are reported in the General Fund.

The Properties Fund includes transactions related to the funding and acquisition of the Museum's properties, including artefacts donated to the Museum.

Other Restricted Funds consists of Special Projects Fund and the Working Capital Reserve Fund. The Special Projects Fund reports the assets, liabilities, revenues, and expenses related to restricted resources to be used for specific projects undertaken by the Museum. The Working Capital Reserve Fund reports the assets, liabilities, revenues and expenses restricted for the purpose of providing the Museum with a working capital reserve. These reserve funds may be accessed for cash flow purposes over the course of a given year but must be replenished prior to year end (note 3).

- (c) Inventories: Inventories are valued at the lower of cost and net realizable value.
- (d) Properties: Properties are capitalized on the following basis:
  - (i) History and ethnology artefacts purchased are recorded at cost and those accepted as donations are at estimated value on the date of receipt by the Museum's curatorial staff or independent appraiser.
  - (ii) Natural history artefacts are collected by the Museum's staff on field trips. The related field trip costs are included in the cost of properties. No salary costs related to the collecting and preparing of the specimens are capitalized. Natural history artefacts are also accepted as donations and are at estimated value on the date of receipt by the Museum's curatorial staff or independent appraiser.
  - (iii) Archaeology artefacts on hand April 1, 1989 are recorded at a nominal amount of \$1. Subsequent to April 1, 1989, artefacts purchased are recorded at cost and those accepted as donations are valued at estimated value on the date of receipt by the Museum's curatorial staff or independent appraiser. Artefacts collected by the Museum's staff are recorded at the cost of the related collection project, excluding salary costs related to their collection and preparation.
  - (iv) The cost of exhibits constructed and refurbished on the premises are capitalized at cost and include an allocation of staff salaries and related costs.
  - (v) Furnishings and equipment purchases are capitalized at cost.
  - (vi) Library books and periodicals purchased are capitalized at cost and those books accepted as donations are valued at a minimum of \$10 per book.

The carrying value of assets disposed of and the portions of exhibits removed to facilitate refurbishment are removed from the accounts and charged to income in the year of disposal or refurbishment.

Amortization expense is reported in the Properties Fund. Amortization is provided using the declining balance method at the following annual rates:

Asset	Rate
Exhibits	5%
Furnishings and equipment	12.5%
Library	5%
Leasehold improvements	5%

Exhibits in progress are stated at cost and no amortization is taken until the assets are placed in use.

- (e) Employee future benefits: The Museum has a defined benefit pension plan and a long service benefit plan covering substantially all of its employees. The transitional asset and obligations are being amortized over the average remaining service period of active employees expected to receive benefits under the benefit plans. As well, for each of the plans, the excess of unamortized gains and losses over 10 percent of the greater of the fair value of plan assets and the benefit obligations is being amortized over the average remaining service period of active employees expected to receive benefits under the benefit plan. The average remaining service period of both plans is 10 years in 2012 (2011 10 years). The cost of pensions and other retirement benefits earned by employees is determined using the projected benefit method pro rated on service and management's best estimate of expected plan investment performance, salary escalation and retirement ages of employees. The discount rate used to determine the accrued benefit obligation was determined by reference to market interest rates at the measurement date on high-quality debt instruments with cash flows that match the timing and amount of expected benefit payments. For purposes of calculating the expected return on plan assets, those assets are valued at fair value.
- (f) Recognition of revenue: Restricted contributions related to general operations are recognized as revenue of the General Fund in the year in which the related expenses are incurred. All other restricted contributions are recognized as revenue of the appropriate restricted fund in the year received or receivable if the amount can be reasonably estimated and collection is reasonably assured.
  - Unrestricted contributions are recognized as revenue of the General Fund in the year received or receivable if the amount to be received can be reasonably estimated and collection is reasonably assured.

    Investment income on investments held in the Special Projects Fund and the Working Capital Reserve Fund is recorded as income in the General Fund.
  - Admissions and other revenue are taken into income when earned.
- (g) **Donations in-kind:** Donated materials and services are recorded when the materials or services would have to be purchased if they were not donated and where an estimate of fair market value can be reasonably determined.
- (h) Contributed service: Volunteers contribute in excess of 18,000 hours per year to assist the Museum in carrying out its programs and activities. Because of the difficulty of determining their fair value, contributed volunteer services are not recognized in the financial statements.
  - The Museum occupies space owned by the Province of Manitoba and managed by The Manitoba Centennial Centre Corporation on a rent-free basis. The Manitoba Centennial Centre Corporation receives a grant directly from the Province of Manitoba, Department of Culture, Heritage and Tourism to cover all occupancy costs pertaining to the premises.
- (i) Financial instruments: Financial instruments are recorded at fair value on initial recognition. Freestanding derivative instruments that are not in a qualifying hedging relationship and equity instruments that are quoted in an active market are subsequently measured at fair value. All other financial instruments are subsequently recorded at cost or amortized cost, unless management has elected to carry the instruments at fair value. The Museum has not elected to carry any such financial instruments at fair value.
  - Transaction costs incurred on the acquisition of financial instruments measured subsequently at fair value are expenses as incurred. All other financial instruments are adjusted by transaction costs incurred on acquisition and financing costs, which are amortized using the straight-line method.
- (j) Use of estimates: The preparation of financial statements requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the period. Significant items subject to such estimates and assumptions include the carrying amount of capital assets, accrued benefit asset and accrued benefit liability. Actual results could differ from those estimates.

### 3. WORKING CAPITAL RESERVE FUND:

On November 10, 2004, the Museum entered into a five year funding agreement with Arts Stabilization Manitoba, Inc. (ASM). Under the funding agreement, ASM had provided a total of \$500,000 to establish a Working Capital Reserve Fund. The restricted cash of the Working Capital Reserve Fund may be accessed for cash flow purposes over the course of a given year, but must be replenished prior to the Museum's fiscal year end, except as otherwise approved by ASM in accordance with the funding agreement. At March 31, 2013, the Museum had \$500,000 (2012 – \$500,000) held as restricted cash.

On November 10, 2009, the term of the funding agreement ended. Based on the terms and conditions of this funding agreement, the Museum must continue to maintain the \$500,000 of restricted cash in the Working Capital Reserve Fund at the end of each fiscal year, in perpetuity.

## 4. PROPERTIES:

4. PROPERTIES:			
	Cost		Net book
	COST	amortization	value
Artefacts	\$ 13,118,895	\$ -	\$ 13,118,895
Exhibits	9,486,571	6,066,031	3,420,540
Furnishings and equipment	3,633,482	2,648,017	985,465
Library	793,528	533,629	259,899
Leasehold improvements	10,005,291	5,783,795	4,221,496
Exhibits in progress	200,879	_	200,879
	\$ 37,238,646	\$ 15,031,472	\$ 22,207,174
		Accumulated	Net book
March 31, 2012	Cost	amortization	value
Artefacts	\$ 12,910,251	\$ -	\$ 12,910,251
Exhibits	9,486,571	5,886,002	3,600,569
Furnishings and equipment	3,306,338	2,530,604	775,734
Library	788,855	520,073	268,782
Leasehold improvements	10,005,291	5,561,611	4,443,680
	\$ 36,497,306	\$ 14,498,290	\$ 21,999,016

Details of changes in the cost of properties are as follows:

	March 31, 2013	March 31, 2012
Development of exhibits:		_
Materials and supplies	\$ -	\$ 11,941
Acquisition of properties:		
Purchases:		
Artefacts	53,044	214
Furnishings and equipment	327,144	142,545
Exhibits in progress	200,879	_
Library	4,673	6,651
Leasehold improvements	_	_
	585,740	149,410
Donations in-kind:		
Artefacts	155,600	34,497
Increase in properties	741,340	195,848
Properties, beginning of year, at cost	36,497,306	36,301,458
Properties, end of year, at cost	\$ 37,238,646	\$ 36,497,306

## **5. BANK INDEBTEDNESS:**

The Museum has an operating line of credit to a maximum of \$800,000. The operating line of credit is due on demand, bears interest at bank prime and is unsecured. The Museum had not utilized the operating line of credit at March 31, 2013.

# 6. EMPLOYEE FUTURE BENEFITS:

	Defined bene	Long service benefit plan			
	March 31, 2013	March 31, 2012	March 31, 2013	March 31, 2012	
Accrued benefit obligation	\$ 16,162,920	\$ 16,939,000	\$ 610,220	\$ 595,000	
Fair value of plan assets	14,146,731	13,172,000	_		
Funded status — plan surplus (deficit)	(2,016,189)	(3,767,000)	(610,220)	(595,000)	
Unamortized actuarial loss	3,443,499	5,041,350	47,119	81,140	
Accrued benefit asset (accrued benefit liability)	\$ 1,427,310	\$ 1,274,350	\$ (563,101)	\$ (513,860)	

# 7. ACCOUNTS PAYABLE AND ACCRUED LIABILITIES:

Included in accounts payable and accrued liabilities are government remittances payable of \$13,813 (2012 – \$14,280), which includes amounts payable for federal and provincial sales tax and payroll related taxes.

## 8. FUND BALANCES - INTERNALLY RESTRICTED:

The Board of Governors can internally restrict net assets stipulating that these net assets be used for a specific purpose. These internally restricted amounts are not available for other purposes without approval by the Board of Governors.

The internally restricted net assets of the General Fund are comprised of the following:

	March 31, 2013	March 31, 2012	
Rental facilities — equipment purchases	\$ 7,865	\$ 7,865	
Training and opportunity	8,249	8,249	
Say it with a Star	17,607	24,118	
Publications committee	3,262	8,741	
Exhibits	169,925	84,072	
Nonsuch conservation	35,720	35,881	
Website redevelopment	_	_	
I.T. upgrade	72,746	13,156	
Provision for pension shortfall	278,016	197,177	
Capital planning projects	232,500	187,500	
New Exhibitions Fund	37,750	2,715	
Revenue development projects	15,000		
	\$ 878,640	\$ 569,474	

# 9. GRANTS:

		2013		
	General Fund	Propertion Special Proje		Properties/ Special Projects
Province of Manitoba:				
Department of Culture, Heritage and Tourism	\$ 3,125,000	\$ 25,0	00 \$ 3,125,000	\$ 50,000
HBC History Foundation:				
Grant	130,000		- 130,000	20,000
Fund transfer	_		- 4,221	(4,221)
	130,000	25,0	00 134,221	15,779
The Manitoba Museum Foundation Incorporated	_	5,8	00 –	_
The City of Winnipeg	55,350		- 51,000	_
The Winnipeg Foundation	3,600		- 7,500	_
	\$ 3,313,950	\$ 30,8	00 \$ 3,317,721	\$ 65,779

## 10. FUNDRAISING:

		2013		
	General Fund	Properties Fun	d General Fund	Properties Fund
Individual	\$ 63,700	\$ -	- \$ 57,508	\$ -
Special events	113,922	-	- 123,447	-
Sponsorship	153,138	-	- 159,311	_
	\$ 330,760	\$ -	- \$ 340,266	\$ -

## 11. RELATED PARTY TRANSACTIONS:

During the year, the following transactions were entered into with The Manitoba Museum Foundation Incorporated:

	2013	2012
Grants received	\$ 55,750	\$ 32,000
Refund of unspent grants in the Special Projects Fund	(1,801)	(11,468)
Administration fee recovery — included in other income of the General Fund	1,000	1,000
Research, collections and exhibits support — included in other income of the General Fund	10,000	10,000

These transactions are in the normal course of operations and are measured at the exchange amount, which is the amount of consideration established and agreed to by the related parties.

The inter-fund loans are non-interest bearing, due on demand, have no specified terms of repayment and are unsecured.

#### 12. FINANCIAL RISKS:

The Museum believes that it is not exposed to significant interest-rate, market or credit risk arising from its financial instruments.

In relation to liquidity risk, which is the risk that the Museum will be unable to fulfill its obligations on a timely basis or at a reasonable cost, the Museum manages its liquidity risk by monitoring its operating requirements. The Museum prepares budget and cash forecasts to ensure it has sufficient funds to fulfill its obligations. There has been no change to the risk exposures from 2012.

# NON-CONSOLIDATED CONDENSED SCHEDULE - OTHER RESTRICTED FUNDS SUMMARY

Year ended March 31, 2013, with comparative figures for 2012

	Fund balance March 31, 2012	Project revenue (refund/ transfer)	Project expenses	Inter-fund transfers	Fund balance March 31, 2013
SPECIAL PROJECTS FUND:					
Government of Canada grants: Young Canada Works	\$ -	\$ 11,513	\$ 11,513	\$ -	\$ -
Province of Manitoba:					
Building Accessibility	3,655	_	_	_	3,655
Sipiwesk Archaeology Project	2,543	6,148	5,619	_	3,072
Elm Creek Meteorite Exhibit	511	_	511	_	_
The Manitoba Museum Foundation Incorporated: Parklands — new features	897				897
Science Gallery exhibits	461	_	_	_	461
Two Eagles Burial Cache	395	_	217	_	178
Discovery Room upgrades	1,248	(197)	1,051	_	-
Museum Gallery exhibits	7,280		_	_	7,280
Museums Diorama Renewal	3,278	_	_	_	3,278
Remarkable Fossils Airport Cover Churchill	106	-	106	_	_
Mineral Case for Earth History Gallery	6,575	6,247	12,822	_	163
Elm Creek Meteorite Display Immigration Kiosk	1,500	- 605	1,337 605	_	163
Media Players Replacement	_	4,337	4,337	_	_
Prairie Pollination Exhibit Video	_	3,769	2,142	_	1,627
Gallery Redevelopment Southwestern Manitoba	_	4,489	4,489	_	-
Millerite Specimen Acquisition	_	1,750	_	1,750	
Planetarium Shows-Curriculum Based School	_	4,000	4,000	_	_
Pollination Ecology of Hairy Prairie Clover	_	814	814		-
Grasslands Gallery Revitalization	_	1,472	1,472	_	_
American/Canadian Toad Hybridization Puzzle	_	3,904	3,904 1,099	_	401
GRASAC Digital Research Commun Oral History Project	_	1,500 1,704	1,099	_	401 1,704
Geological Development of North	_	6,250	6,250	_	- 1,704
Other grants/special projects:					
Repatriation budget	1,155	_	_	_	1,155
Granville Lake Oral History	788	(788)	_	_	_
Manitoba Hydro — Large Burial Cache	400	_	275	_	125
1919 Strike exhibit	128	-	128	-	-
Stolen Dreams — Child Labour Exhibit	1,488	_	1,488	_	_
Vertebrate research publication	3,087	24.440	- 21 221	_	3,087
Manitoba Robot Games Nonsuch maintenance	4,793 35,177	34,448	31,231	_	8,010 35,177
Lake Winnipeg — Shared Solutions	543,796	210,000	_	200,879	552,917
Alloway World Exhibitions	54,548	210,000	35,199	200,077	19,349
Culture on Every Corner	22,587	16,000	18,238	_	20,349
Planetarium Technology Upgrade	325,000	-	35,817	289,183	-
HBC History Foundation — Curator	15,779	_	_	_	15,779
Designated Collection Acquisition	20,000	33,325	1,782	50,930	613
Collections Database Technical Upgrade	_	9,950	7,950	- 242	2,000
Sipiwesk Display Case Prairie Pollination Virtual Exhibit	_	242		242	2 747
Planetarium Digital Fulldome Project	_	9,703 6,700	5,956 6,700	_	3,747
Prairie Pollination VMC	_	54,384	54,384	_	_
Braiding Histories	_	106,000	22,884	_	83,116
Total Special Projects Fund	1,057,175	538,269	284,320	542,984	768,140
Working Capital Reserve Fund:					
Arts Stabilization Manitoba, Inc. (note 3)	500,000	_	_	_	500,000
Total other restricted funds	\$ 1,557,175	\$ 538,269	\$ 284,320	\$ 542,984	\$ 1,268,140
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