



# ANNUAL REPORT

July 1, 2008 to June 30, 2009

Including the report of the University of Alberta  
Museums Policy and Planning Committee



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# **University of Alberta Museums Annual Report July 1, 2008 to June 30, 2009**

## **1.0 Executive Summary**

This report summarizes the activities of the Policy and Planning Committee, with selected collections-based highlights and achievements, from July 1, 2008, to June 30, 2009.

- Implementation continues to ensure compliance with the University of Alberta Museums and Collections Policy (approved by the Board of Governors on March 28, 2008.)
- The University of Alberta Museums Category A Designation is still under review with the Canadian Cultural Property Export Review Board, and ongoing work continues to ensure retention of this status. One of the critical factors is the creation of a centralized Curatorial Research Facility to house all museum collections on campus. The Policy and Planning Committee has been assured that this building continues to be on the University's priority list.
- The University of Alberta Museums' Return of Cultural Property Committee continued meetings to aid with a repatriation request related to remains held in trust in the Department of Anthropology since 1965-66.

## **2.0 Report of the University of Alberta Museums Policy and Planning Committee:**

The University of Alberta Museums Policy and Planning Committee met formally on December 11, 2008 and March 4, 2009. Several issues identified in the last report are ongoing to this academic year.

## **2.1 Activity One:**

### **University of Alberta Museums and Collections Policy**

(Ongoing activity)

The purposes of the University of Alberta Museums and Collections Policy are:

- to define the University's responsibilities and accountabilities related to museum issues and museum objects and collections; and
- to ensure that faculty, staff, students, researchers and all others acquiring, using, or responsible for museum objects and collections for research, teaching and other university-related purposes, know the expectations of the University of Alberta.

All activities in the area of the University of Alberta Museums and Collections Policy are directed to ensure compliance with legislation, funding agency requirements, and best practices, and to position the University of Alberta Museums to function efficiently and effectively once in a centralized Curatorial Research Facility housing all 35 collections under one roof. Staff of Museums and Collections Services, curators and collections staff of all of the University of Alberta Museums, and chairs and deans of departments and faculties with museum collections continue to work toward this vision.

### **Provisional Registration Process**

As a major activity related to policy compliance, each of the University departmental collections will ultimately develop an Acquisition and Management Strategy, which is essential for each collection to be "registered" with Museums and Collections Services and to be authorized to continue acquiring museum objects and operate museum facilities that contain museum objects and collections. It is anticipated that the development of these strategies will be a phased process over several years, providing each collection with the necessary tools to meet professional and museums standards.

Until the Acquisition and Management Strategies are complete, a provisional registration process is being implemented which enables collections to continue operating in compliance with the policy, with the following accomplishments to date:

- The positions of Museums Policy Advisor and Collections Management and Museum Planning Advisor were created and filled to further assist with implementation and compliance with the Museums and Collections Policy;
- Meetings were held with staff from all 35 collections to assess current practices against key museum/university standards;

- Meetings were held with chairs of departments with collections (Anthropology, Biological Sciences, Dentistry, Devonian Botanic Garden, Earth and Atmospheric Sciences, History and Classics, Human Ecology, Laboratory Medicine and Pathology, Modern Languages and Cultural Studies, Music, and Renewable Resources) to discuss the policy and the chair's related responsibilities, as well as to sign-off on the activities that each collection will be registered to undertake;
- Chairs are committed to designating a curator from among the continuing academic staff in the department or unit, as per policy;
- All 35 collections will be provisionally registered as of fall 2009 to undertake collections activities for which they have proven they have established systems and procedures;
- Two collections have been identified as requiring more in-depth assistance to develop appropriate collections management systems. Staff of Museums and Collections Services will work with the appropriate curators and chairs over the next year to address these issues to move these collections towards compliance and registration; and

## Engaging Alberta's Museum Community



The University of Alberta Museums earned Recognized Museum status in April 2009 after participating in the Alberta Museum Association's (AMA's) Museum Affirmation Program. The program recognizes that the U of A Museums are meeting the internationally-recognized definition of a museum: a non-profit organization operating in the service of society for purposes of study, education, and enjoyment, fulfilling the five primary functions of acquisition, conservation, communication, research, and exhibition. As an affirmed institution, the U of A Museums will now have much-needed access to the province's grants program, exclusive to museums, administered by AMA.

The University of Alberta Museums hosted the opening reception for the Alberta Museums Association's annual conference on September 25, 2008. The Honourable Norman L. Kwong, Lieutenant Governor of the Province of Alberta, presided over the opening ceremonies, and also toured the Mactaggart Art Collection and the TELUS Centre facilities. Many members of Alberta's museum and cultural community were treated to tours of the Mactaggart Art Collection, the W.G. Hardy Museum of Ancient and Near Eastern Classical Antiquities, the Paleontology Museum, and the Mineralogy/Petrology Museum.

- A training program will be developed by staff of Museums and Collections Services to address key issues/processes related to policy implementation. The first topics will address the development of Acquisitions and Management Strategies and collections management issues related to acquisitions procedures (donations, purchases, appraisals, etc.)

## Celebrating 10 Years of Inspiration: The U of A Museums' Science Sunday



This year marked the 10th anniversary of Science Sunday, first created in response to requests for hands-on access to the University of Alberta's museum collections with related children's activities. Science Sunday provides children ages 5-12 with the opportunity to explore natural science museum collections (including collections from the Departments of Anthropology, Biological Sciences, and Earth and Atmospheric Sciences) through a wide range of hands-on activities including digging for fossils, exploring the secrets of meteorites, examining insects, and more.

This event, held annually in March, is supported by an average of 50-100 student volunteers, and typically

attracts approximately 800 children and parents in just four short hours. A new feature for this year's event, students from EDEL 330 (Curriculum and Instruction in Elementary School Science) developed and tested new activities, adding yet another layer of interdisciplinarity to an already best-practice event.

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The University of Alberta Museums participated in the Festival of Ideas in November 2008, with Science Saturday, a special Centenary edition of Science Sunday.

*Image above: Volunteer Lynn Dafoe, PhD candidate (Ichnology) with participant Charlotte Thompson at Science Sunday's 10th Anniversary*

## **University of Alberta Museums Website**

To further assist with policy compliance, providing access to necessary procedures, forms, processes, documentation, and service information, staff of Museums and Collections Services are currently overhauling the University of Alberta Museums website.

- Focus groups were held with curators and meetings were held with all chairs to identify how a new website could meet the needs of this core group;
- A survey was also conducted with 16,000\* University staff and students (\*response rate of 6%) to ensure the website also meets the needs of these audiences; and
- It is anticipated that the new University of Alberta Museums website will be launched in the fall of 2009.

## **2.2 Activity Two:**

### **Curatorial Research Facility**

(Ongoing activity)

#### **Part A: Business Plan**

It is the understanding of the Policy and Planning Committee that the Curatorial Research Facility has been presented to the Government of Alberta by the Vice- President (Facilities and Operations) as a capital initiative.

It is also the understanding of the Policy and Planning Committee, following a meeting of the Academic Planning Committee to which the Provost invited the chair of the Policy and Planning Committee (Dr. H. Proctor) and the chair of the Curators Committee (Dr. M. Wilson), that the Curatorial Research Facility is on the University's priority list.

#### **Part B: Academic Plan**

Staff of Museums and Collections Services (MACS) continue to work on a proposal to the Alberta Government for a Master's Program/Certificate in Museums Arts and Sciences (working title).

MACS staff met with the Deans of Arts, Science, Law, Education, and ALES who have stated their strong support for the program. A meeting was also held with faculty interested in proposing a Master's Degree in Material Culture, where it was agreed that this could be developed in partnership with the new Museums Arts and Sciences Master's Program.

Work continues on Template D with anticipated completion in late fall 2009.

## Part C: Institutional Access Plan

The Policy and Planning Committee was encouraged to see that the Curatorial Research Facility and the associated graduate program appeared in the IAP. Nevertheless, for the record, committee members expressed serious concern that the long-standing vision for each of these initiatives may be inaccurately captured in the IAP and, as a result, in subsequent documents that refer to the IAP for information.

## New Museum Exhibitions: Bringing Research to Life

*The Story of Soil Science in Alberta: A Guided Tour of Soil Resources at the University of Alberta* opened in September 2008. This self-guided exhibition can be viewed on the second, third, and fourth floor hallways of the Earth Sciences Building. Highlights include soil monoliths from Alberta and Canada, Thailand, and Sri Lanka, a prairie ecozone map, and a timeline of Soil Survey from 1800-2006.

*In the Anthropologists' Footsteps*, the Department of Anthropology's new permanent main floor exhibit, opened in September 2008 in the Henry Tory Marshall building. Featuring the department's museum collections, the exhibit takes the viewer on a journey around the globe, from the present into our past. Four themes, *A Sense of Place*, *Connecting with One Another*, *We are What we Eat*, and *Changing to Meet the Needs*, provide the framework for the journey.

Through the eyes and ears of the Anthropology faculty, visitors experience various research areas within the department. Walk in the footsteps of Drs. Gruhn and Bryan, in Colombian sandals and sealskin slippers from Northern Canada. Meet the individuals who created works of art (a carved gourd, woven fan and panpipe) in Colombia, and compare the anatomy of a duck with that of a deer and a human. Look into the past through the eyes of our ancestors with the display images and replicas of several important teaching specimens.

Top left: Dr. Noorallah Juma, the visionary behind *The Story of Soil Science in Alberta*, Top right: *SAECULUM* in the W.G. Hardy Collection of Ancient Near Eastern and Classical Antiquities, Bottom: *In the Anthropologists' Footsteps* in the Tory Building

In celebration of their centenary, the Department of History and Classics presented *SAECULUM: Commemorative Coins from Ancient Rome* in the W.G. Hardy Collection of Ancient Near Eastern and Classical Antiquities from September to December 2008. The "Classics Museum" collection includes approximately 300 Greek and Roman coins which have been acquired over many years, primarily as a resource for Classical history and archaeology courses. *SAECULUM* exemplifies how the rulers of Rome used coin images to commemorate the glories of Rome's past while promoting the legitimacy of their own dynastic power. This exhibition featured coins from the permanent collection, along with many coins which were loaned to the museum by private collectors.





## 2.3 Activity Three:

### Review of Category A Designation

(Ongoing activity)

As mentioned in previous reports, the University of Alberta Museums' Category A status, conferred by the Department of Canadian Heritage, has been under review since 2004/05. Staff from Canadian Cultural Property Export Review Board (CCPERB) completed a site visit in October 2005 in which facilities in all areas were deemed substandard. The need for the U of A Museums to address problems such as inadequate environmental controls has been labeled "paramount."

The Policy and Planning Committee continues to work with Museums and Collections Services on the following issues to ensure the U of A Museums retain Category A status:

#### Part A: Facilities

- As per Activity Two, the Business Case for a centralized, purpose-built Curatorial Research Facility to house all 35 of the U of A's museum collections is awaiting funding consideration through the Government of Alberta.

## Colossal Collecting

The Laboratory for Vertebrate Paleontology in the Department of Biological Sciences acquired a cast of a *Dunkleosteus*, a replica of the largest mounted vertebrate skeleton from the Devonian Period. The original is in the Cleveland Museum of Natural History. This animal illustrates to students and researchers the dramatic evolution of the Class Placodermi, which contained a great diversity of fishes but did not survive the end of the Devonian. It helps us understand other, more fragmentary fossils of this group from places such as Ontario, Manitoba, and Alberta, including a fang from an even larger jaw that has been in the University of Alberta's collection since 1915, when it was found near Exshaw by John A. Allan, first professor of Geology at the University. These jaws are the subject of biomechanical studies using 3-D models and simulations in the Laboratory for Vertebrate Paleontology. The cast will eventually be exhibited in the Paleontology Museum in the Earth Sciences Building.



Recently acquired *Dunkleosteus* skull which will be studied in the Laboratory for Vertebrate Paleontology and exhibited in the Paleontology Museum.

- Meetings with the Office of the University Architect, to share updates on all renovation/ construction projects with implications on the University of Alberta Museums, took place on September 19, 2008, December 2, 2008, and March 19, 2009. Facility updates are as follows:
  - The HVAC system in the Print Study Centre (Fine Arts Building) continues to be deficient in delivering a stable environment;
  - The water humidification system for the Mactaggart Art Collection (TELUS Centre) was upgraded to a steam system to provide consistent humidity;

## Bringing Space Down to Earth: University of Alberta Meteorite Collection

All of the activities in the sky, including the fireball sighting and Buzzard Coulee fall in November 2008, have heightened public interest in meteorites and have kept the curator and collections staff of the University of Alberta Meteorite collection extremely busy this past year. Dr. Chris Herd, Curator, is currently conducting research on meteorites associated with the fall as well as continuing work on the frozen Tagish Lake meteorite, which has garnered much international attention. Work also continues on another exciting initiative:

Long known as a local gathering place for deer and other wildlife, the bowl-shaped depression in the woods near Whitecourt, Alberta is now recognized to be the result of the impact of an iron-rich rock from space. The 36m wide, 6m deep crater represents the only crater exposed at the surface in Alberta, and it is one of the fewer than 12 craters worldwide that have associated meteorites. At no more than 1100 years old, it is the youngest and best-preserved crater in all of Canada. Some of the meteorites found scattered around the crater are now part of the University of Alberta Meteorite Collection, where they will be curated and used in research, teaching, and public education. This discovery represents a significant resource for scientific innovation and community outreach.



*A view of the Whitecourt Meteorite crater, largely overgrown by trees.*

- The relocation of all paintings in the University of Alberta Art Collection certified as cultural property to the TELUS Centre facility—identified by CCPERB as meeting museum standards— is expected to be complete by fall 2009;
- The Art Collection, in storage in NREF since the re-allocation of storage space in the Biological Sciences building, is moving to University Terrace for temporary storage and access until the completion of the Curatorial Research Facility. Construction delays resulted in re-scheduling completion for the summer of 2009 rather than 2008. Additional space is still required for the storage of display and shipping equipment;
- The Bohdan Medwidsky Ukrainian Folklore Archives Collection (Modern Languages and Cultural Studies) is still awaiting a move (for the third time) to a renovated space in the Arts Building;
- The Wildlife Collection (Renewable Resources) was moved;
- The Dendrology Collection (Renewable Resources) is scheduled to move in early fall 2009; and
- Planning has begun to relocate the Pathology Gross Teaching Collection to the Edmonton Clinic North.

## **Part B: Emergency Preparedness Planning**

As an innovative approach to creating emergency response plans for all U of A museum collections, a University of Alberta Museums Emergency Planning Committee has been formed, and met for the first time on June 12, 2009. This committee includes collections staff from Anthropology, Biological Sciences, and Earth and Atmospheric Sciences. Staff from Museums and Collections Services and the Emergency Management Office complete the committee and will work together on facilitation.

### **2.4 Activity Four:**

#### **Return of Cultural Property Request**

(Ongoing activity)

The Sharphead repatriation request continues for the return of the remains of 25 individuals and associated funerary objects. As a result of renewed discussions with the provincial government and the community, the Return of Cultural Property Committee met twice in the 2008-2009 academic year. Plans for the upcoming year include one or more blessing ceremonies as well as detailed discussions regarding reburial.

As the University's involvement will increase in the coming year, we have been approached by the Alberta government to contribute to the cost of this process. A costing model and protocols will be reviewed by the committee in the fall of 2009.

## Awards and Accolades



*Executive Director Janine Andrews (right) receives the Canadian Museum Association's Award for Outstanding Achievement in Research on behalf of the University of Alberta Museums*

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Hands-on discovery learning with museum objects continues to be an important feature at the University of Alberta. This year, Dr. Heather Proctor, Curator of the Freshwater Invertebrate Collection, and chair of the University of Alberta Museums Policy and Planning Committee, received a Students' Union teaching award for Innovation with Academic Materials for the course Zoology 351 (Freshwater Invertebrate Diversity.)

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The University of Alberta Museums were awarded the Canadian Museum Association's (CMA) Award for Outstanding Achievement in Research in March 2009. This award, which celebrates and encourages excellence within the Canadian museum sector, recognizes the U of A Museums' work in particular with the Mactaggart Art Collection Eureka Project, which includes the collection, on-line resources and accompanying research, exhibition, and storage facilities. This project outlines a model for access to the University's museum collections. Executive Director Janine Andrews received the award on behalf of the U of A Museums at the CMA's conference in Toronto: "This award is a testament to the significant and unique work associated with the U of A Museums. We take pride in our collections as models for object-based discovery learning, and it is an honour to receive recognition for our efforts."

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Other awards to University of Alberta Museums Curators:

- Dr. Michael Caldwell: Curator, University of Alberta Laboratory for Vertebrate Paleontology, Pikaia Award from the Paleontology Division of the Geological Association of Canada; Geological Association of Canada W.W. Hutchison Medal
- Dr. Andrew Locock: Collections Manager, Earth and Atmospheric Sciences, Young Scientist Medal of the Mineralogical Association of Canada
- Dr. Cindy Paszkowski: Curator, University of Alberta Museum of Zoology (Ornithology, Amphibian and Reptile Collection) Faculty of Science Teaching Innovation Award
- Dr. Mark Wilson: Curator, Laboratory for Vertebrate Paleontology, Joseph T. Gregory Award from the Society of Vertebrate Paleontology

## **2.5 Activity Five:**

### **Funding Needs Adjudication**

(Annual activity)

#### **Adjudication of 2009-10 Requests**

One of the annual activities of the Policy and Planning Committee is the adjudication of funding requests solicited from the curators for the 35 collections under the U of A Museums.

- Of the \$122,742 in funds requested between July 1, 2008 and June 30, 2009, requests were primarily concentrated in the areas of Collections Management, Exhibition/ Outreach, and Acquisition.
- Based on available monies, \$54,346\* was distributed, and \$27,196 was recommended for funding through other sources\*\*, meaning there was \$41,200 in unfunded projects.  
(\*See Appendix E Section One for detailed funding information.)
- Needs were assessed based on merit, and recommended for funding through several limited and/or competitive sources including the following:
  - Community Outreach Endowment Fund: a U of A fund which generates approximately \$12,000 annually;
  - The Friends of the University of Alberta Museums who raise and donate funds for projects which totaled \$42,190 in 2008-09;
  - \*\*Museum and heritage grant programs such as the Alberta Museums Association and Young Canada Works in Heritage Organizations.
  - New this year was the creation of an Opportunity Fund (\$5000) for potential projects and acquisitions that arise between the annual funding cycle.

In addition to funds designated centrally through the needs assessment, curators or other designated contacts from the academic staff in each faculty or department (who undertake duties and responsibilities related to museums and collections) are actively involved in research, much of which relates directly or indirectly to the collections resources. More than \$2.5 million\*\*\* in grants was awarded to these researchers between April 1, 2008 and March 31, 2009.

(\*\*\*See Appendix E Section Two for detailed funding information. These figures reflect information provided by the Research Services Office.)

## **Internal Funding Policy Proposal**

The staff of Museums and Collections Services is working to create new guidelines to clarify what types of projects can be funded, timelines for project completion, and consequences for non-compliance. It is anticipated that these guidelines will be approved by the Policy and Planning Committee in the fall of 2009.

The Policy and Planning Committee continues to discuss the need for a larger U of A Museums endowment, and this will remain an ongoing concern until we develop and implement a plan to address this issue.

## **2.6 Activity Six:**

### **Appointment of Expert Examiners**

(Ongoing activity)

The appointment of expert examiners (curators from the University of Alberta Museums) to evaluate cultural property export permits for Canadian Heritage is still under review by Museums and Collections Services.

## Art Loans and Community Outreach

*Brilliant Strokes: Chinese Paintings from the Mactaggart Art Collection* was exhibited in Gallery A in the TELUS Centre from September 2008 to January 2009. This exhibition featured *Exploring China*, an amazing complement of public programming that included lectures, workshops, and behind-the-scenes tours. Highlights included a lecture by Curator Maxwell K. Hearn from the Metropolitan Museum of Art (NYC), masterclass painting workshops with world-renowned artist and art historian Arnold Chang, and the extremely popular Chinese New Year Open House which attracted hundreds of people from the local community. Following the close at the University of Alberta, *Brilliant Strokes* travelled to the Royal Ontario Museum (Toronto) for exhibit from February to September 2009.



Installation view of *Brilliant Strokes: Chinese Paintings from the Mactaggart Art Collection* at Gallery A in the TELUS Centre

The Mactaggart Art Collection has inspired new technological innovation to increase access to the experience of museum objects without handling. "Turning-the-pages" technology was built and adapted by the staff of Museums and Collections Services in order to provide full access to albums and scrolls for a worldwide audience. Researchers are thus able to view the entire length of a scroll or every page of an album after seeing a portion or a single page on display or without physically visiting the University of Alberta.

The University of Alberta Museums also recently completed a successful loan of a painting from the U of A's Mactaggart Art Collection to the Metropolitan Museum of Art in New York City. *The Kangxi Emperor's Southern Inspection Tour* (Scroll Number 7), painted by artist Wang Hui in 1698, was exhibited in the Met's critically acclaimed exhibition *Landscapes Clear and Radiant: The Art of Wang Hui (1632-1717)*. This handscroll painting, measuring more than 70 feet in length, depicts scenes from the Emperor Kangxi's 1689 inspection tour from Wuxu to Suzhou. Of the 12 scrolls commissioned to record the Kangxi's second Southern Inspection Tour, the one in the U of A's Mactaggart Art Collection is the only one in Canada, one of only two full scrolls in North America, and one of only nine that survives in its full, original form.

## **Appendix A:**

### **Policy and Planning Committee Membership**

#### **Chair**

Dr. H. Proctor,  
*Department of Biological Sciences*

#### **Ex Officio (voting)**

J. Andrews,  
*Executive Director, Museums and  
Collections Services*

Dr. T. Kieren,  
*President, Friends of the University of  
Alberta Museums*

#### **Curators' Committee (elected)**

Dr. C. Herd,  
*Department of Earth and  
Atmospheric Sciences*

Dr. A. Murray,  
*Department of Biological Sciences*

Dr. P. Willoughby,  
*Department of Anthropology*

Dr. M. Wilson,  
*Department of Biological Sciences, and Chair,  
Curators' Committee*

#### **General Faculties Council (elected)**

Dr. J. Mouat,  
*Augustana College*

D. Jones,  
*Map Library*

#### **Graduate Students' Association (elected)**

J. Dombroskie,  
*Department of Biological Sciences*

#### **Undergraduate Student Representative**

E. Donald,  
*Department of Human Ecology*

#### **Secretary (non-voting)**

F. Blondheim,  
*Associate Director, Museums and Collections  
Services*



## **Appendix B:**

### **Directory of the University of Alberta Museums**

#### **Faculty of Agricultural, Life & Environmental Sciences**

##### **Devonian Botanic Garden**

Devonian Botanic Garden Herbarium

*Curator: Dr. R. Belland*

##### **Department of Human Ecology**

Clothing and Textiles Collection

*Managing Curator: J. Petrov*

##### **Department of Renewable Resources**

Dendrology Collection

*Curator: Dr. B. Dancik*

Soil Science Monolith Collection

*Curator: Dr. S. Chang*

Wildlife Collection

*Acting Curator: J. Acorn*

Wood Sample Collection

*Collections Staff: B. Longworth*

#### **Faculty of Arts**

##### **Department of Anthropology**

Archaeology Collection

*Curator: Dr. P. Willoughby*

Ethnographic Collection

*Curator: P. Mayne Correia*

Fossil Hominid Cast Collection

*Curator: P. Mayne Correia*

Osteology Collection

*Curator: Dr. S. Garvie-Lok*

Zooarchaeology Reference Collection

*Curator: Dr. R. Losey*

##### **Department of Art and Design**

Division Print Collection

*Curator: Prof. L. Ingram*

##### **Department of History and Classics**

W. G. Hardy Collection of Ancient Near  
Eastern and Classical Antiquities

*Curator: Dr. J. Rossiter*

## **Department of Modern Languages and Cultural Studies**

Bohdan Medwidsky Ukrainian Folklore Archives

*Curator: Dr. A. Nahachewsky*

## **Department of Music**

Canadian Centre for Ethnomusicology / folkwaysAlive!

*Curator: Dr. R. Qureshi*

## **Faculty of Engineering**

Engineering Collection

*Curator: Vacant*

## **Faculty of Medicine and Dentistry**

### **Department of Dentistry and Oral Hygiene**

Dentistry Museum Collection

*Curator: Dr. G. Sperber*

### **Department of Laboratory Medicine and Pathology**

Pathology Gross Teaching Collection

*Curator: Dr. D. Rayner*

## **Faculty of Science**

### **Department of Biological Sciences**

Cryptogamic Herbarium

*Curator: Dr. C. La Farge*

Vascular Plant Herbarium

*Curator: Dr. J. Hall*

Paleobotanical Collection

*Curator: Dr. R. Stockey*

E.H. Strickland Entomological Museum

*Curator: Dr. F. Sperling*

Freshwater Invertebrate Collection

*Curator: Dr. H. Proctor*

The Jim van Es Invertebrate and Malacology Collection

*Curator: Dr. R. Palmer*

University of Alberta Museum of Zoology  
Amphibian and Reptile Collection

*Curator: Dr. C. Paszkowski*

University of Alberta Museum of Zoology  
Ichthyology Collection

*Curator: Dr. A. Murray*

University of Alberta Museum of Zoology  
Mammalogy Collection

*Curator: Dr. A. Derocher*

University of Alberta Museum of Zoology  
Ornithology Collection

*Curator: Dr. C. Paszkowski*

Parasitology Collection

*Curator: Dr. A Shostak*

**Department of Biological Sciences  
and Department of Earth and  
Atmospheric Sciences**

Laboratory for Vertebrate Paleontology

*Curators: Dr. M. Caldwell, Dr. P. Currie, Dr. M.  
Wilson*

**Department of Earth and  
Atmospheric Sciences**

Mineralogy Collection

*Curators: Dr. T. Chacko, Dr. C. Herd*

Meteorite Collection

*Curator: Dr. C. Herd*

Paleontology Collections

*Curators: Dr. M. Caldwell, Dr. B. Jones*

Petrology Collection

*Curators: Dr. T. Chacko, Dr. C. Herd*

Shell Canada Drill Core Collection

*Curator: Dr. A. Locock*

**Museums and Collections  
Services**

University of Alberta Art Collection

*Curators: J. Corrigan (Art and Historical  
Artifacts), Dr. P. McCormack (Ethnography)*

## **Appendix C:** **Museums and Collections Services** **Staff** (continuing)

Janine Andrews  
*Executive Director\**

Jennifer Kuchta  
*Communications and Marketing Coordinator*

Frannie Blondheim  
*Associate Director*

Denis La France  
*Senior Systems Administrator\*\**

Helen Chimirri-Russell  
*Museums Policy Advisor*

Gordon Lobay  
*Collections Management and Museum  
Planning Advisor*

Jim Corrigan  
*Curator, University of Alberta Art Collection*

Pauline Rennick  
*Collections Digitization Manager*

Ellen Cunningham  
*Exhibition and Outreach Manager*

Kyle Schmidt  
*Web Applications Developer*

Chantelle De Martin  
*Administrative Coordinator\*\**

Jim Whittome  
*Information Management Advisor*

Tom Hunter  
*Collections Assistant*

Marla Zubiak  
*Administrative Assistant  
(Human Resources)\*\**

Irene Karsten  
*Museums Conservator*

\*Responsible for Museums and Collections Services,  
University of Alberta Archives, and Information and Privacy  
Office

\*\*Administrative team shared with Museums and Collections  
Services, University of Alberta Archives, and Information and  
Privacy Office

## Appendix D:

### Friends of the University of Alberta Museums

#### Board of Directors: 2008-2009

Tom Kieren

*President*

Jean Mucha

*Membership Committee Chair*

Julia Boberg

*Past-President*

Holly Sykora

*Director-at-Large*

Muriel Nelson

*Acting Vice-President,  
Newsletter Committee Chair*

Caitlin Wells

*Director-at-Large*

Halfdan (Bud) Baadsgaard

*Secretary*

Tovah Yedlin

*Director-at-Large*

Diana Bacon

*Treasurer*

Tai Ziola

*Director-at-Large*

Adrienne Boender

*Programs Committee Chair*

Donna Zuk

*Director-at-Large*

## Appendix E:

### Detailed Funding Report

#### Section One

The following information provides details of funding acquired by Museums and Collections Services for museum and collection projects between July 1, 2008 and June 30, 2009:

#### ***The Friends of the University of Alberta Museums (\$42,190)***

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##### **Anthropology – Osteology Collection (\$2500)**

Upgrade of Resources in the Human Skeletal Material Collection. Purchase of fetal skeletal casts.

##### **Biological Sciences – Vascular Plant Herbarium (\$6800)**

Hire student to remount, label, and database specimens from Shigematsu herbarium.

##### **Biological Sciences – Museum of Zoology (\$5225)**

Hire student to maintain/upgrade collections and to prepare new osteological specimens.

##### **Biological Sciences – Laboratory for Vertebrate Paleontology (\$6000)**

Design and construction of interpretive display exhibit of new *Dunkleosteus* skull in the Paleontology Museum

##### **Earth and Atmospheric Sciences – Paleontology Museum (\$5150)**

Design and installation of a Cambrian exhibit using the Invertebrate Paleontology Collection.

##### **Human Ecology – Clothing and Textiles Collection (\$1515)**

Reorganization and improvement of storage shelves for Rosenberg quilts.

##### **The MUSE Project (\$10,000)**

Salary support for the Education Program Assistant to deliver this curriculum-based museum tour program with education kits for schools, students/teachers enrolled in Edmonton and area schools grades 6 – 9.

##### **The University of Alberta Museums Opportunity Fund (\$5000)**

Establishment of an annual fund for projects that arise outside of the normal funding cycles – typically for acquisitions that become available for a limited timeframe.

## **Community Outreach Endowment Fund (\$12,156)**

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### **Anthropology – Archaeology Collection (\$2814)**

Continued digitization of the Archaeology collection.

### **Anthropology – Zooarchaeology Reference Collection (\$2842)**

Hire technician to process/add specimens to the collection as well as collection maintenance.

### **Biological Sciences – Vascular Plant Herbarium (\$3000)**

Archival mounting supplies for Shigematsu herbarium.

### **Devonian Botanic Garden – DBG Herbarium Collection (\$2,000)**

Hire summer staff member to assist in accessioning and curation of the collection, focusing on material from Willmore Wilderness Park.

### **Human Ecology – Clothing and Textiles Collection (\$1500)**

Hire summer student to add quilt-related content to database and to create an online visual thesaurus.

## **Government of Canada (\$16,760)**

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Young Canada Works Grant Program

### **Museums and Collections Services (\$7514)**

Hire summer student to assess campus museum display cases to identify changes required to make existing and future exhibit displays policy-compliant (while ensuring that objects are accessible in the University's public spaces).

### **Anthropology – Zooarchaeology Reference Collection (\$4318)**

Hire summer student to process/add specimens to the collection as well as collection maintenance.

### **Devonian Botanic Garden – DBG Herbarium Collection (\$4928)**

Hire summer student to assist in accessioning and curation of the collection, including specimen packaging, databasing of voucher information, labeling and processing of exchange material.

**Section Two:** The following information provides details of research grants received by curators and staff of individual museums and collections in 2008 - 2009.

App No.	First Name	Last Name	Project Title	App Date	Faculty	Agency	Payment	Payment Date	Type
A024476	GEORGE	BALL	Biodiversity studies of carabid beetles in the Western Hemisphere	01-APR-05	Science	Natural Sciences Engineering Research Council	\$18,000	01-APR-08	Grant
A041591	RENE	BELLAND	General Status Mosses	01-APR-08	Agricultural, Life and Environmental Sciences	Environment Canada	\$20,000	15-DEC-08	Grant
A024474	MICHAEL	CALDWELL	Squamate phylogeny and evolution: Fossil marine lizards, snakes, and "basal" terrestrial lizards E-SUBMISSION	01-APR-05	Science	Natural Sciences Engineering Research Council	\$28,900	01-APR-08	Grant
A024412	THOMAS	CHACKO	Evolution of continental crust: experimental and field-based studies	01-APR-05	Science	Natural Sciences Engineering Research Council	\$39,000	01-APR-08	Grant
A040925	SCOTT	CHANG	Carbon Budget in a Hybrid Polar Plantation in Northern Alberta	01-APR-08	Agricultural, Life and Environmental Sciences	Alberta-Pacific Forest Industries Inc	\$30,000	01-DEC-08	Industrial Grant
A029394	SCOTT	CHANG	Nitrogen cycling and tree nutrition in boreal forests: interactions with understory vegetation and soil water availability	01-APR-06	Agricultural, Life and Environmental Sciences	Natural Sciences Engineering Research Council	\$22,090	01-APR-08	Grant
A032491	SCOTT	CHANG	Development of Barley lines with Enhanced Water Use Efficiency Using the 13C Discrimination Technique	01-APR-07	Agricultural, Life and Environmental Sciences	Alberta Research Council	\$23,000	01-APR-08	Grant
A040680	SCOTT	CHANG	An Earth Sciences Perspective of Soils, Alberta Soil Science Workshop, Mayfield Inn and Suites, Edmonton, AB, Feb 17 - 19, 2009	01-APR-08	Agricultural, Life and Environmental Sciences	University Conference Fund	\$720	01-JAN-09	Grant
A041875	SCOTT	CHANG	The role of N and S cycling in soil and acidification in forest ecosystems in the oil sands region in Alberta	01-APR-06	Agricultural, Life and Environmental Sciences	Cumulative Environmental Management Association	\$20,125	01-JAN-09	Grant
A023062	PHILIP	CURRIE	Dinosaur Palaeobiology	01-APR-05	Science	Canada Research Chairs	\$200,000	01-OCT-08	
A026457	PHILIP	CURRIE	(Snively,Eric) Feeding in dinosaurian predators: Continuity and contrast between raptorial birds and their trannosaurid relatives-sti	01-APR-05	Science	Alberta Ingenuity Fund	\$16,000	01-MAR-09	Grant
A028617	PHILIP	CURRIE	Memorandum of Understanding	01-APR-06	Science	Korea Institute of Geoscience & Mineral Resources	\$36,000	01-JUL-08	Grant
A024558	PHILIP	CURRIE	Palaeobiology (including anatomy, biomechanics, interrelationships, palaeobiogeography, palaeoecology) of theropod dinosaurs E-SUBMISSION	01-APR-05	Science	Natural Sciences Engineering Research Council	\$57,100	01-APR-08	Grant
A026124	PHILIP	CURRIE	Palaeobiology of meat-eating dinosaurs GROUP 1	01-APR-05	Science	Alberta Ingenuity Fund	\$100,000	01-SEP-08	Grant
A032045	ANDREW	DEROCHER	Monitoring Population, Documenting Habitat Use Patterns, Population	01-APR-07	Science	Canadian Wildlife Federation	\$0	01-APR-08	Grant
A034701	ANDREW	DEROCHER	Ecology of Polar Bears in a Changing Climate	01-APR-07	Science	Natural Sciences Engineering Research Council	\$24,625	01-APR-08	Grant
A034704	ANDREW	DEROCHER	Ecology of Polar Bears in a Changing Climate	01-APR-07	Science	Natural Sciences Engineering Research Council	\$20,000	01-APR-08	Grant
A036289	ANDREW	DEROCHER	Ecology of polar bears in Wager Bay in relation to climate change, Ukkusikalik National Park, Nunavut Territory, Canada	01-APR-07	Science	BC Ministry of Forests	\$52,500	01-MAR-09	Grant
A032185	ANDREW	DEROCHER	(Thiemann,G) The Ecological Role of Top Predators in the Western Canadian Arctic	01-APR-07	Science	Alberta Ingenuity Fund	\$20,000	01-MAY-08	Grant
A023176	ANDREW	DEROCHER	Populations and Sources of Recruitment in Polar Bears	01-APR-05	Science	United States Department of the Interior MMS	\$528,403	15-MAY-08	Contract
A041044	ANDREW	DEROCHER	Global Warming and Arctic Marine Mammals (GWAMM)	01-APR-08	Science	Natural Sciences Engineering Research Council	\$15,000	01-APR-08	Grant
A038491	ANDREW	DEROCHER	Ecology of Grizzly Bears in the Mackenzie Delta	01-APR-08	Science	ConocoPhillips Canada	\$45,000	01-AUG-08	Grant
A039676	ANDREW	DEROCHER	Impacts Of Global Warming On Arctic Marine Mammals (Ferguson)	01-APR-08	Science	ArcticNet (NCE)	\$19,500	01-APR-08	Grant
A029585	JOCELYN	HALL	Phylogenetics and Morphological Diversification in Capparaceae, Cleomaceae, and Brassicaceae	01-APR-06	Science	Natural Sciences Engineering Research Council	\$30,660	01-APR-08	Grant
A036623	JOCELYN	HALL	Elucidating the basis of fruit diversity in the plan family Brassicaceae	01-APR-07	Science	Alberta Ingenuity Fund	\$88,463	01-JAN-09	Grant
A034663	CHRISTOPHER	HERD	The Geology of Mars from Studies of Martian Meteorites	01-APR-07	Science	Natural Sciences Engineering Research Council	\$26,000	01-APR-08	Grant
A034199	CHRISTOPHER	HERD	CSA SS Fellowship - Walton	01-APR-07	Science	Canadian Space Agency	\$15,000	01-MAY-08	Grant
A031359	CHRISTOPHER	HERD	Astromaterials Working Group	01-APR-06	Science	Canadian Space Agency	\$9,000	01-APR-08	Grant
A037073	CHRISTOPHER	HERD	The Whitecourt Meteorite Impact Crater: An Accessible Analogue to Small Impact Craters on the Moon and Mars	01-APR-08	Science	Canadian Space Agency	\$16,552	01-APR-08	Grant
A034541	CHRISTOPHER	HERD	Subzero Facility for Processing and Analysis of Pristine Planetary Samples	01-APR-07	Science	Natural Sciences Engineering Research Council	\$115,458	01-APR-08	Grant



App No.	First Name	Last Name	Project Title	App Date	Faculty	Agency	Payment	Payment Date	Type
A037001	ELIZABETH	INGRAM	Image Fabrication for "Imagining Science" Exhibition	01-APR-07	Arts	Killam Research Fund - Vice President Research (UoA)	\$9,308	01-MAY-08	Grant
A015637	BRIAN	JONES	Carbonate facies and diagenesis/hot spring deposits	01-APR-03	Science	Natural Sciences Engineering Research Council	\$58,920	01-APR-08	Grant
A019954	CATHERINE	LA FARGE-ENGLAND	Biology of bryophytes	01-APR-04	Science	Natural Sciences Engineering Research Council	\$26,000	01-APR-08	Grant
A034282	ROBERT	LOSEY	Animals Among the Dead: Faunal Remains in Mortuary Contexts, Cis-Baikal, Siberia	01-APR-07	Arts	Social Sciences & Humanities Research Council	\$18,905	01-APR-08	Grant
A036578	ROBERT	LOSEY	Animals among the dead: faunal remains in mortuary contexts, Cis-Baikal, Siberia	01-APR-07	Arts	Gerda Henkel Stiftung	\$10,500	01-JAN-09	Grant
A034266	ROBERT	LOSEY	Animals Among the Dead: Fauna in Middle Holocene Mortuary Contexts, Cis-Baikal, Siberia	01-APR-07	Arts	Wenner-Gren Foundation for Anthropology	\$11,250	01-JUN-08	Grant
A039108	ROBERT	LOSEY	Archaeological History of Fishing Technologies in Tla'amín traditional territory, British Columbia: Pilot Project	01-APR-08	Arts	Killam Research Fund - Vice President Research (UoA)	\$6,800	01-OCT-08	Grant
A034645	AISON	MURRAY	Systematics and Biogeography of Fossil and Living Teleost Fishes	01-APR-07	Science	Natural Sciences Engineering Research Council	\$19,000	01-APR-08	Grant
A034160	A. RICHARD	PALMER	Banfield Marine Sciences Centre	01-APR-07	Science	Natural Sciences Engineering Research Council	\$0	01-APR-08	Grant
A024472	A. RICHARD	PALMER	Comparative and experimental studies of developmental plasticity and evolution E-SUBMISSION	01-APR-05	Science	Natural Sciences Engineering Research Council	\$66,900	01-APR-08	Grant
A034889	CYNTHIA	PASZKOWSKI	Movement Patterns and Use of Amphibian Culverts by the Linnet Lake Population of Long-Toed Salamanders in Waterton Lakes National Park	01-APR-07	Science	Parks Canada National Office	\$20,000	01-APR-08	Grant
A037510	CYNTHIA	PASZKOWSKI	Food Web Relations and Reproductive Success of Horned Grebes and Other Aquatic Birds on Constructed Wetlands in the Peace Parkland Region of Northwestern Alberta	01-APR-08	Science	Ducks Unlimited Canada (PRO)	\$0	01-APR-08	Grant
A040015	CYNTHIA	PASZKOWSKI	(Connie Browne) Habitat Use Of The Western Toad	01-APR-06	Science	Friends of Elk Island Society	\$2,000	01-MAY-08	Grant
A037514	CYNTHIA	PASZKOWSKI	Amphibian Use of Small Wetlands and Streams and their Riparian Zones in the Boreal Mixedwood Forest of Alberta	01-APR-08	Science	Ducks Unlimited Canada (PRO)	\$13,000	01-APR-08	Grant
A020255	CYNTHIA	PASZKOWSKI	Ecology of amphibians in the Western Boreal Forest and aspen parkland	01-APR-00	Science	Natural Sciences Engineering Research Council	\$18,000	01-APR-08	Grant
A040872	CYNTHIA	PASZKOWSKI	Effects of Energy Development on Grassland Birds	01-APR-07	Science	Public Works and Government Services Canada	\$25,000	01-APR-08	Grant
A037515	CYNTHIA	PASZKOWSKI	Can Amphibians Serve as an Indicator of Wetland Health?	01-APR-08	Science	Ducks Unlimited Canada (PRO)	\$15,120	01-APR-08	Grant
A034830	HEATHER	PROCTOR	Sexual Selection in Mites: Copulation, Conflict and Complexity	01-APR-07	Science	Natural Sciences Engineering Research Council	\$23,640	01-APR-08	Grant
A030410	REGULA	QURESHI	South Asian Music and Culture in Canada: Heritage, Acculturation, Transformation	01-APR-06	Arts	Canadian Heritage	\$102,560	01-APR-08	Grant
A039348	DAVID	RAYNER	Aboriginal Student Summer Science Camp 2008	01-APR-08	Medicine and Dentistry	Health Canada	\$45,915	15JUN-08	Grant
A039305	DAVID	RAYNER	Aboriginal Health Canada Day 2008	01-APR-08	Medicine and Dentistry	Health Canada	\$10,865	30JUN-08	Grant
A036782	ALLEN	SHOSTAK	57th Annual International Conference of the Wildlife Disease Association, University of Alberta, Edmonton, AB, August 3 - 8, 2008	01-APR-08	Science	University Conference Fund	\$1,500	01-APR-08	Grant
A033671	LYNNE	SIGLER	University of Alberta Microfungus Collection and Herbarium (UAMH)	01-APR-07	Interdisciplinary Research Units	Natural Sciences Engineering Research Council	\$54,600	01-APR-08	Grant
A024502	LYNNE	SIGLER	Systematics of fungi in the human environment E-SUBMISSION	01-APR-05	Agricultural, Life and Environmental Sciences	Natural Sciences Engineering Research Council	\$31,878	01-APR-08	Grant
A034754	FELIX	SPERLING	Speciation, Phylogeny and Diversity of Insects	01-APR-07	Science	Natural Sciences Engineering Research Council	\$61,070	01-APR-08	Grant
A037521	FELIX	SPERLING	Developing biodiversity patterns for predicting the effect of management on the boreal mixedwood forests of Alberta (Co-Pi w/Fangliang HE)	01-APR-05	Science	Sustainable Forest Management Network (NCE)	\$22,500	01-APR-08	Grant
A029614	RUTH	STOCKEY	Cretaceous and Paleogene Vegetation of Western Canada: Organismal and Floristic Evolution	01-APR-06	Science	Natural Sciences Engineering Research Council	\$48,120	01-APR-08	Grant
A034429	PAMELA	WILLOUGHBY	The Evolution of Modern Humans in Southern Tanzania	01-APR-07	Arts	Social Sciences & Humanities Research Council	\$59,250	01-APR-08	Grant
A034716	PAMELA	WILLOUGHBY	The Origins of Behavioral Modernity in Southern Tanzania	01-APR-07	Arts	Wenner-Gren Foundation for Anthropology	\$18,730	01-MAY-08	Grant
A036866	PAMELA	WILLOUGHBY	The Origins of Modern Humans in southern Tanzania	01-APR-07	Arts	Killam Research Fund - Vice President Research (UoA)	\$20,000	01-JUN-08	Grant
A029234	MARK	WILSON	Phylogenetic and Paleocological Studies of Early Vertebrates and Fossil Fishes	01-APR-06	Science	Natural Sciences Engineering Research Council	\$54,860	01-APR-08	Grant

# Web-accessible museum collections

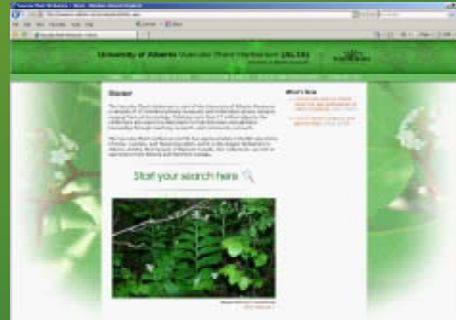
The staff of Museums and Collections Services, in consultation with the curators and collections staff of the University of Alberta Museums, lead the long-range plan for web-accessibility to University of Alberta Museums collections. Current initiatives include the following:

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The University of Alberta Museums is participating in a Canada Foundation for Innovation-funded project led by the University of Montreal entitled the Canadian University Biodiversity Consortium (CUBC). One of the goals of the CUBC is to digitize and provide web access to natural history collections from 12 universities and six botanical gardens across Canada. The U of A Museums will facilitate distributed web access to three U of A Museums' collections' records (Entomology, the Vascular Plant Herbarium, and the Cryptogamic Herbarium) on CUBC's Canadensys system, which will also be compatible with the Global Biodiversity Information Facility (GBIF), ensuring cooperation with international research partners.

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The Clothing and Textiles Collection recently completed digitization of the Rosenberg Quilt Collection, certified Canadian Cultural Property. This year, a summer student will add quilt-related content to the collection's database, creating an online visual thesaurus of quilt terminology, including names, designs, and techniques. This project will provide invaluable interpretive information, demonstrating terminology and technologies for quilters around the world.



*Homepage of the new Vascular Plants Herbarium Website*

The website for the Vascular Plant Herbarium (ALTA) was launched in early 2009. The collection contains approximately 120,000 specimens of ferns, conifers, and flowering plants, and is particularly rich in specimens from Alberta and Northern Canada. As the largest herbarium in Alberta and the third-largest in Western Canada, the Vascular Plant Herbarium, with the addition of the new website including a searchable database, will be opened up to students and researchers world-wide.

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The E.H. Strickland Entomological Museum's web-accessible database is now available on the Encyclopedia of Life. This is a substantial contribution to a major global initiative.

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The Zooarchaeology Reference Collection provided photos for the Zooarchaeology entry for the Canadian Encyclopedia Online.