

→ **ANNUAL REPORT**

→ **REPORT OF THE COLLECTIONS COMMITTEE**

**1 JULY 1999 – 30 JUNE 2000**



**UNIVERSITY  
OF ALBERTA  
MUSEUMS**



from **w**onder to w **i**sdom

Front cover in pages:

Nemopteridae, E. H. Strickland Entomological Museum  
Children Fetching Cows After School, 1970, William Kureluk, University of Alberta Art and Artifact Collection

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**EXECUTIVE  
SUMMARY**

**AS ONE OF THE LARGEST MULTIDISCIPLINARY COLLECTIONS IN CANADA,**

the University of Alberta Museums play an integral and important role in the teaching, research and community service activities of the University. The activities of the museums are facilitated and advanced by an administrative model that includes:

- the **Department of Museums and Collections Services** - a central source of expertise, information and management systems, in the portfolio of the Vice-President (Academic) and Provost;
- the **Curators Committee** - a forum for information sharing and an advisory group;
- the **Collections Committee** - a standing committee of the Vice-President (Academic) and Provost;
- **University administration**;
- **community representatives** (e.g., The Friends of the University of Alberta Museums).

This report summarizes the activities and accomplishments of the Collections Committee from 1 July 1999 to 30 June 2000 and provides selected highlights, achievements and accomplishments from the University of Alberta Museums during the same academic year.



Trowels, Trilobites and Treasures, March 2000

**EXECUTIVE  
SUMMARY**

**INTRODUCTION**

The University of Alberta Museums span a wide range of disciplines and impact many lives. This past year faculty could be found in a grade four classroom, partnering in international research projects, or offering opinion on scientific debate in the Globe and Mail.

This has been an exciting year for the faculty, staff, students and friends associated with the University's museums and collections. Throughout this report, are examples of the wide range of activities and achievements associated with the people and resources that collectively form the University of Alberta Museums. Some of the results, reflected in these quick facts, are that there are more access points to the resources available at the University, more opportunities for students to acquire work experience, resources with greater diversity and depth, and new technology-based learning opportunities.

**SOME QUICK FACTS:**

- more than 17 million objects (specimens, artifacts, works of art)
- more than 35 museums and collections in 18 academic units
- 117 people volunteered in collections
- 3,000 hours of volunteer work reported
- \$300,000 in acquisitions in 1999-2000
- \$403,000 in museum grant funds acquired in 1999-2000
- 15,000 people participated in learning activities

Paleontology Museum



Appliquéd  
wall hanging,  
Clothing and  
Textiles Collection



## MEMBERSHIP

Chair

Dr M. Wilson, Department of Biological Sciences

Ex Officio (voting)

J. Andrews, Executive Director, Learning Systems Enterprises

Dr A. Vanterpool, President, Friends of the U of A Museums

Dr P. Willoughby, Department of Anthropology,  
and Chair, Curators Committee

Curators' Committee (elected)

Dr M. Wilson, Laboratory for Vertebrate Paleontology,  
Department of Biological Sciences

Dr R. Belland, Herbarium of Cultivated Plants, Devonian Botanic Garden

Dr J. Nelson, Museum of Zoology/ Ichthyology Collection,  
Department of Biological Sciences

Dr J. Rossiter, Classics Museum, Department of History and Classics

General Faculties Council (elected)

A. Schumde, Office of the Registrar

Vacant

Graduate Students' Association (elected)

Vacant

Undergraduate Student Representative

A. Read, Department of Anthropology

Secretary (non-voting)

F. Blondheim, Museum and Collections Services

## MEETINGS

In 1999/2000, the Collections Committee met four times:

30 November 1999; 28 January 2000; 10 April 2000; 21 June 2000.

A joint meeting of Collections Committee and the Curators'

Committee was held 3 March 2000 with Dr D. O'Grady, Vice-President

(Academic) and Provost, as guest speaker.

REPORT  
OF THE  
COLLECTIONS  
COMMITTEE



Pelton water wheel, Engineering Collection

## ACTIVITIES AND ACCOMPLISHMENTS

### A. ISSUES

Of the many issues brought forward to the Committee for discussion, the following are selected key issues:

**Issue One:** Lack of resources to keep up with demand expressed by University of Alberta professors, to have their collections and associated research information developed into databases, and then have them web accessible for on-line courses, research, and teaching.

**Result:** MACS staff will develop a three year plan in 2000 – 2001 outlining resource needs in order to lobby for funds on campus, and take advantage of partnership and grant opportunities as they arise.

**Issue Two:** Professors expressed concern over issues surrounding intellectual property such as ownership of research information, and who has access to information in collections databases.

**Result:** A subcommittee, lead by MACS staff, will be formed to identify all issues, and draft policy and procedures. The recommendations will be brought back to the Collections Committee in the next academic year for review.

**Issue Three:** Three current requests for repatriation of materials held in the Department of Anthropology's collections (1. the EPCOR site 2. Seafort Burial site 3. Medicine Hat site) were brought forward to the Collections Committee for direction on how to proceed. The University has not recently had requests of this nature and therefore requires updated policy.

**Result:** MACS staff have consulted broadly with government and stakeholders to identify issues and concerns. A subcommittee will be struck immediately to assess policy in relation to this issue, and bring forward recommendations to the Collections Committee. This will be a continuing subcommittee that would be charged with assessing repatriation requests as they come in.

### B. POLICY AND GUIDELINES FOR THE UNIVERSITY'S COLLECTIONS

The Policy for the University of Alberta Collections, and its companion document Collections Guidelines were published in 1993 and required updating to include new policies, and reflect changes in legislation (e.g., FOIP), University policy and administrative structures.

MACS staff completed this process in consultation with the Collections Committee. The final edits will be complete in the fall of 2000, and then guided through the appropriate approval processes on campus. It will then be made available both on-line and in print as required.



REPORT  
OF THE  
COLLECTIONS  
COMMITTEE



### C. ADDRESS BY DR D. OWRAM

Dr. D. Owrans was invited to address a joint meeting of the Curators' Committee and the Collections Committee. He provided insights into the current budget and planning priorities of the University, and his assessment of how collections are perceived on campus. He advised that the collections would succeed in advancing their goals and objectives, and thus supporting the University's key strategic initiatives, if they could be seen as a whole and promote a unified vision. He supported the initiatives begun by MACS and the Collections Committee to develop a case statement to articulate the vision, and a visual identity to broaden the awareness of the University's collections.

### D. FUNDING NEEDS ADJUDICATION

An annual activity of the Committee is to adjudicate funding requests solicited from the curators of the collections to be funded through either the Community Outreach Endowment Fund, or forwarded to the Friends of the U of A Museums for consideration. The following was requested and distributed this past year:

Funds requested:	118,547
Funds available:	<u>11,153</u>
Outstanding requests:	Subtotal \$107,394
Friends donation:	<u>9,970</u>
Remaining outstanding requests:	\$97,424

### E. CASE STATEMENT

The Committee continued to build upon last year's momentum in which a vision was identified for the collections. From Wonder to Wisdom, a case statement document was created to further articulate the vision into concrete needs (goals, objectives, results). The cornerstones of the vision are a signature building and an endowment fund to develop and support innovative programs. The concept would contribute to the University's vision of being indisputably recognized, and function as an interdisciplinary resource, contributing to campus-wide faculty and departmental needs. It has been submitted to senior administration and adapted for the University's annual campaign. Response to the document is pending.

Wisdom begins in wonder.

- SOCRATES



Wouldn't it be amazing if you could witness an archaeological discovery as it unfolds thousands of miles away? Imagine a place where your grandchild could uncover the mysteries of a 4,000-year-old mummy, or create a woodblock print in the tradition of Kuniyada II; a place where science and history come alive. It would house not only objects and the knowledge they represent but dreams, the ones that were spent in an earlier time and the ones yet to be achieved. It would be called a museum. And because it would be of the

21st century, that museum would be home not only to objects but to sounds, images and experiences. It would be a place for all Albertans, where we could discover, explore and share our dreams.

**EXERPT:  
FROM WONDER TO WISDOM  
MARCH 2000**

Bodhisattva goddess figure, 6th century  
University of Alberta Art and Artifact Collection



## SECTION ONE

Museum s and C ollections Services coordinates and/or facilitates can pus-wide applications to several funding agencies. The following sum m arizes funding acquired for collections projects. C om plete information was not available for funding acquired directly by individual collections. For project details, see A ppendix Three.

### U niversity of A lberta Sources (\$50,251 Total)

- \$28,648 Friends of the U niversity of A lberta M useum s
- \$11,153 C om m unity O utreach Endow m ent Fund
- \$4,000 Faculty of A rts
- \$1,450 International A ctivity Fund
- \$5,000 O ffices of the V ice-President (A cadem ic) and Provost, and V ice-President (R esearch)

### C ity of Edm onton (\$3,600 Total)

- \$3,600 W inspear Foundation

### G overnm ent of A lberta (\$113,383 Total)

- \$103,000 Edm onton C om m unity Lottery Board (supported by Provincial Lottery Funds)
- \$7,611 M useum s A lberta (supported by Provincial Lottery Funds)
- \$2,772 Sum m er T em porary Em ploym ent Program

### G overnm ent of C anada (\$242,850 Total)

- \$45,000 M useum s A ssistance Program
- \$86,688 C anadian M illennium Partnership Program
- \$8,522 Y oung C anada W orks in H eritage Institutions
- \$2,380 Sum m er C areer Placem ent Program
- \$100,260 M ultim edia A dvanced C om puting Infrastructure -M A C I (funded through C anada Foundation for Innovation and A lberta's Intellectual Infrastructure Partnership Program )

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**\$410,084** Total Funds Brought in by the C ollections on C am pus in 1999/2000

MEETING  
FINANCIAL  
CHALLENGES

R om an glass goblet, 4th-5th century  
W .G .H ardy C ollection of A ncient N ear Eastern and C lassical A ntiquities



## SECTION TWO

Curators, or contacts, are designated in each faculty or department from among the academic staff to undertake duties and responsibilities related to museums and collections. Each is actively involved in research, most of which relates directly or indirectly to the collections resources.

The following summarizes research grants received by Faculty who are designated curators or contacts. These figures reflect information provided by the Research Grants Office only for those new amounts received between 1 April 1999 and 1 April 2000. It does not reflect amounts received prior to or after this particular time period.

### University of Alberta Sources (\$36,580 Total)

\$16,580 Central Research Fund  
\$20,000 Sabbatical Research Grant

### Government of Alberta (\$246,900 Total)

\$231,00 Alberta Science and Research Authority  
\$12,000 Alberta Agriculture Food and Rural Development  
\$3,900 Alberta Museum Association

### Government of Canada (\$633,141 Total)

\$628,541 Natural Science and Engineering Research Council  
\$4,600 Social Science and Humanities Research Council

### Other (\$81,333 Total)

\$11,000 National Geographic Society  
\$69,244 University of Toronto  
\$1,089 EEF Support for Advancement of Scholarship

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\$997,954 Total

MEETING  
FINANCIAL  
CHALLENGES

An atum pan (Asante), Centre for Ethnomusicology



**SELECTED KEY ACTIVITIES AND ACCOMPLISHMENTS ARE AS FOLLOWS:**

**DISCOVERY TOUR**

A new project was developed based on needs expressed by both curators of collections and the formal education community which are: to increase awareness and accessibility of collections and provide opportunities for Edmonton and area schools to interact with the expertise available at the University of Alberta. An Edmonton Community Lottery Board Grant of \$103,000 was awarded for the first phase of development, and the Friends provided additional financial support of \$10,000. The Discovery Tour Project will result in:

- interactive discovery stations located throughout campus
- on-line resources including lesson plans and activities linked to Alberta Learning curriculum
- discovery kits which will contain tools for use at each of the stations



**VIRTUAL MUSEUM ON SUNSITE**

The goal of the Virtual Museum project is to establish a fully interactive internet gateway to the University of Alberta Museums for several targeted audiences to access collections information. Grants were applied for and awarded by the Millennium Partnership Program and the Museums Assistance Program, which have supported the development of web access to five collection databases (pathology, meteorites, paleobotany, University of Alberta Art and Artifact Collection, and clothing and textiles) and further development of the gateway and on-line resources. Fundamental to future virtual museum projects was the establishment of five new databases using MULTIMSY (vascular plants, minerals and petrology, entomology, mycology, archaeology/zooarchaeology).

A third application to the Edmonton Community Lottery Board was submitted for the development of the KidZone – a section of the virtual museum dedicated to informal learning opportunities for children.



**MAJOR EXHIBITIONS**

MACS developed a proposal that outlined a multidisciplinary exhibition based on collections research, that would be launched in Edmonton and then travel to selected cities in Canada, and internationally. A development grant application was submitted to the Museums Assistance Program but was not funded, putting this project on hold.



Volunteers - Friends of the University of Alberta Museums





### NEW PROGRAMS IN MUSEUMS STUDIES

MACS staff delivered InterD 425 Museum Studies: Issues and Practice in January 2000 as part of a two year grant provided by the Faculty of Arts. The success of this course and the demand for it by students has prompted an agreement to continue to deliver this course in partnership with the Department of Art and Design as a regular course offering.

MACS developed, again in partnership with Art and Design and as part of the Campus Alberta initiative, an Access Grant Proposal to establish an interdisciplinary Masters degree in Museum Studies. Results are pending.



### VISUAL IDENTITY

In order to collectively market and raise the profile of the University of Alberta's museums and collections, particularly to our external publics, a new visual identity was proposed. MACS staff consulted with many of the stakeholders to determine the parameters for a visual identity, and what image and message it should convey. A final version has been developed, and is in the process of being approved for broader use, utilizing the phrase University of Alberta Museums. An identity system was chosen for the clear concise message it delivers, for its flexibility in conveying the range of museums and disciplines, and for its flexibility in application, from stationary to t-shirts, and name tags to websites. The slogan From Wonder to Wisdom will also be used in conjunction with the visual identity. A major project for the next year is to develop signage for each museum.



Treaty 8 Exhibition - Print Study Centre



## OUR UNIQUE RESOURCE

The activities associated with each collection are guided by the academic priorities put forward by each department or faculty. Additionally, these activities are guided by the University's strategic plan and the seven identified goals, and their associated strategic initiatives, objectives, and expected results.

The following are selected examples of University of Alberta Museums achievements individually and collectively, as they relate to the seven goals identified in the University of Alberta's strategic plan for 1999-2002 Building Knowledge Innovation.

Note: Not all collections provided final annual reports, so statistics provided are a sample only.



Ying Shao, Intern

## ATTRACT AND SATISFY OUTSTANDING UNDERGRADUATE, GRADUATE, INTERNATIONAL AND LIFE-LONG LEARNING STUDENTS

Exceptional collections support course offerings, provide learning opportunities, contribute to an enhanced learning environment, and guide new initiatives such as the Masters of Museum Studies, thus contributing to the recruitment and retention goals of the University.

- The Alberta Atlas of Human Pathology was designed to showcase the best medical teaching images from a collection accrued over the past 50 years. The Atlas was established in 1999 using a Multi-MIMSY database, and was used in three undergraduate medical/dental courses in its first year. Its design allows the Atlas to link directly with courseware written on WebCT or other platforms. A pilot WebCT module for cardiovascular pathology was used successfully in spring 2000, and additional course modules (inflammation and immunopathology; endocrine pathology) are in use or in preparation for the current academic year.
- Marc McPherson, M.Sc. student, received a Biodiversity Challenge Grant from the Alberta Conservation Association which provides research funds to outstanding graduate students and postdoctoral fellows doing research in Alberta. He is studying the phylogeny of asparagoid monocots (Vascular Plant Herbarium).
- Dong-Chan Lee (Ph.D. Candidate) in Earth and Atmospheric Sciences, is working with the Invertebrate Paleontology type collection. He received both the Province of Alberta Graduate Fellowship and the Andrew Stewart Memorial Graduate Prize.
- Ying Shao began a one year internship in January 2000 with the Department of Museums and Collections Services. She comes to us from the Institute of Vertebrate Paleontology and Paleoanthropology of the Chinese Academy of Science. Her internship includes courses in museum studies and ESL, and work experience in museum management, program implementation, and database management.



UNIVERSITY  
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MUSEUMS



Meeting, Canadian Space Agency

- Fifty two courses that utilize collections in their delivery, were offered in the past year. Total enrollment was approximately 3,500 students. The University course calendar lists over 120 course offerings that integrate collections and/or museological topics and range from the teaching of introductory anthropology, to graduate printmaking, and biological systematics.
- From the Far North: Treaty 8 and the Northern Collecting of Dr O.C. Edwards as an exhibition of artifacts from the University of Alberta Art and Artifact Collection. Dr P.M. McCormack and her students in Native Studies 480 researched the artifacts displayed and developed this project which was held to commemorate the 100th anniversary of the signing of Treaty 8.

#### → ATTRACT AND RETAIN OUTSTANDING FACULTY AND RESEARCHERS

Dr Michael Caldwell was appointed effective 1 July 2000 as Assistant Professor in the Departments of Biological Sciences, and Earth and Atmospheric Sciences. He is the Curator of Tetrapods, University of Alberta Laboratory for Vertebrate Palaeontology; Adjunct Research Professor, Department of Earth Sciences, Carleton University, Ottawa; and Research Associate, Paleobiology Group, Canadian Museum of Nature, Ottawa.

#### → RESEARCH: MEET THE RESEARCH NEEDS OF THE FUTURE

Meeting research needs takes many forms for faculty and students: active research projects, collections development through new acquisitions (donations, field research, transfers), loans to scholars and institutions worldwide, and the dissemination of this information in many media.

- Dr O. Beattie (Anthropology) utilized collections material to teach forensic anthropology techniques to an international team in a Human Rights Project: The Cyprus Project.
- The University of Alberta's Meteorite Collection, third largest in Canada, was a key draw for a meeting of the Meteorite Impact Assessment Committee of the Canadian Space Agency.

UNIVERSITY  
OF ALBERTA  
MUSEUMS

A teacher affects eternity; he can never tell where his influence stops.

- HENRY BROOKS ADAMS  
(AMERICAN HISTORIAN, PHILOSOPHER  
OF HISTORY, AND CULTURAL CRITIC)

"I'm delighted to think that my contribution of works of expressionist art to the University's art collection may represent an aspect of Expressionism as a whole not yet present at the University. I hope [they] will contribute to the value of the art education that the University offers"

**DONOR TO THE UNIVERSITY OF ALBERTA ART AND ARTIFACT COLLECTION**

Over 400 new acquisitions reported with a collective value of \$300,000 included:

- 200 items (stone artifacts, pottery, etc.) collected in the Empty Quarter, Saudi Arabia through field research for the Archaeology Collection (Anthropology)
- a 19th century candlewick bedspread noted for its unusual technique donated to the Clothing and Textiles Collection (Human Ecology)
- 25 specimens representing rare plants of Alberta donated to the Vascular Plant Herbarium (Department of Biological Sciences)
- a rare collection of German Expressionist prints, certified as Cultural Property, donated to the University of Alberta Art and Artifact Collection (Museums and Collections Services)

**MEET THE NEEDS OF OUR COMMUNITIES**

Our communities encompass people from all age groups and walks of life. For the University of Alberta Museums, the needs identified by our communities include access to our expertise and collections for: identifying artifacts, specimens and works of art; school tours, curriculum based activities; exhibitions, lecture series, hands-on science and life-long learning.

- The Friends of the University of Alberta Museums have actively supported the University of Alberta Museums for sixteen years. This past year the Friends sponsored four public programs, published one issue of friends (newsletter), and donated over \$28,000 in funds raised through member donations and a casino. The Annual General Meeting, held in October 1999, was also a 15th anniversary celebration for the organization, and the founding members were honoured at this occasion.
- Trowels, Trilobites and Treasures was a collaborative effort between Museums and Collections Services, Earth and Atmospheric Sciences, Anthropology and the Friends of the U of A Museums. This "Science Sunday" event, targeted at families and children, brought over 400 visitors to the University of Alberta who enjoyed a range of hands-on activities from archeological digs to creating a "paleo puppet".

Maiden in the Reeds  
1912, Otto Mueller  
University of Alberta Art  
and Artifact Collection







Art and Personal Meaning - student curators

- Art and Personal Meaning - To broaden the understanding that the University's collections, and in this case the art collection, are a resource for the whole community, MACS organized this exhibition that invited individuals from the community to select a work of art for the exhibition and provide their own personal interpretation of it. The exhibition was held at the McMullen Gallery at the University Hospital over a three month period and included several programs targeted at different audiences (e.g., an in-service was held for art teachers). Media coverage was extensive, and visitation topped over 3,600 visitors. Invited to guest curate were: Glen Sather (former General Manager of the Edmonton Oilers), the Honorable Lois Hole, Carrie Droll (CFRN news anchor), six health care workers from the University Hospital, and Mrs. Moen and her grade four class from Windsor Park School.
- Loans of art, artifacts and specimens went out to individuals and organizations. Examples include locally (Grant MacEwan Community College, NAIT, Edmonton Art Gallery), nationally (University of Guelph, National Gallery of Canada, University of Saskatchewan) and internationally (the Smithsonian, University of Arizona, California Academy of Sciences).
- Visitor Statistics - Approximately 15,000 reported visits in 16 museums and collections include individuals and groups such as researchers, consultants from government and industry, community members, Friends members, university students, artists.

**PROVIDE HIGH QUALITY SUPPORT SERVICES AND FACILITIES**

- A new Classics Museum was designed to accommodate a move of the museum from the Humanities to the HM Tory Building. The first phase was completed, which saw the transformation of a classroom to museum space that can accommodate the collections, small groups for teaching purposes, database development projects and an office for the records of the collection. The next phase is to redevelop the exhibits late in 2001.
- The Centre for Ethnomusicology acquired exhibit space in the newly renovated performance space in the Fine Arts Building.



Honorable Lois Hole receives a donation, on behalf of the University of Alberta, from Dr. Alan Vanterpool, President of the Friends of the University of Alberta Museums.

## INDISPUTABLY RECOGNIZED

Universities occupy a unique place in our society. They are responsible for the creation of new knowledge and its dissemination through teaching. Universities, with their mandate of carrying out research, are trusted sources of information and insight. Beyond the lecture hall, universities play a major role in the community at large by contributing to the cultural and intellectual life of the wider population.

The University of Alberta's museums and collections provide a tangible and powerful means by which to reach the communities that the University serves. The value and importance of research can be brought to life and made meaningful through the people who create new knowledge – researchers, artists, scientists and teachers. Through collections, we can tell stories about our past, our present and our future.

Today, there is a growing demand for learning programs and opportunities that focus on museum issues. The University of Alberta, with its unique experience developing an interdisciplinary model, can lead the country in this area. There is also a growing demand for access to the University's collections and all that they represent – knowledge, history, discovery and inspiration – from the broader community. There is enthusiasm from within to celebrate the accomplishments and achievements of the University, and to share the magic of the collections.

At the University of Alberta Museums we believe that we have set a course to realize many of our dreams, and ensure that the University of Alberta is indisputably recognized.



Archaeology Lab  
-activity for children

UNIVERSITY  
OF ALBERTA  
MUSEUMS



Bringing the wonders of research  
to everyday life.

**DIRECTORY OF UNIVERSITY OF ALBERTA  
MUSEUMS AND COLLECTIONS**

**FACULTY OF AGRICULTURE, FORESTRY AND HOME ECONOMICS**

- Devonian Botanic Garden  
Herbarium of Cultivated Plants  
Curator: Dr R. Belland
- Human Ecology  
Clothing and Textiles Collection  
Acting Curators: S. Lemisky, L. Capjack
- Renewable Resources  
Dendrology Collection  
Curator: Dr J. Zwiazuk
- Soil Sciences Collection  
Curator: Dr N. Juma
- Wildlife Collection  
Curator: Dr J. Butler

**FACULTY OF ARTS**

- Anthropology  
Archaeology Collection  
Curator: Dr P. W. Willoughby
- Ethnographic Collection  
Curator: Dr R. G. Guhn
- Fossil Humanoid Casts Collection  
Curator: Dr N. Lovell
- Osteology Collection  
Curator: Dr N. Lovell
- Zooarchaeology Reference Collection  
Curator: Dr N. Lovell
- Art and Design  
Division Print Collection  
Curator: Prof. L. Ingram
- History and Classics  
W.G. Hardy Collection of Ancient Near Eastern and Classical Antiquities  
Curator: Dr J. Rossiter
- Modern Languages  
Ukrainian Folklore Archive  
Curator: Dr A. Nahachewsky
- Music  
Centre for Ethnomusicology  
Curator: Dr R. Qureshi  
Acting Curator (1 January – 30 June 2000) Dr M. Friskopf

Art and Personal Meaning  
- student curators



**APPENDIX  
ONE**

**FACULTY OF ENGINEERING**

- Engineering Collection  
Contact: I. Buttar

**MEDICINE AND DENTISTRY**

- Dentistry and Oral Hygiene  
Dentistry Museum Collection  
Curator: Dr G. Sperber
- Laboratory Medicine and Pathology  
Pathology Gross Teaching Collection  
Curator: Dr D. Rayner

## MEET EMPLOYABILITY NEEDS OF GRADUATES AND EMPLOYERS

Over 25 students were employed through a range of programs including co-op placements, internships, and government funded summer employment programs and over 100 volunteered to acquire skills and experience in:

- Collections management (data entry, cataloguing, inventory, database management)
- Conservation (artifact/specimen mounting, preparation, framing, storage techniques, care and handling)
- Research and documentation
- Photography
- Marketing and communications
- Community Outreach (public programs, school tours, outreach kits)
- Education (developing lesson plans/curriculum links)
- Internet applications and website design
- Exhibition planning, writing and design

Hmong child's hat, Thailand  
Clothing and Textiles Collection



Student volunteers - Print Study Centre

UNIVERSITY  
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MUSEUMS

**MUSEUMS AND COLLECTIONS SERVICES**

University of Alberta Art and Artifact Collection  
Curator (Art): J. Corrigan  
Curator (Ethnography): Dr P. McCormack

**FACULTY OF SCIENCE**

Biological Sciences

Cryptogamic Herbarium  
Curators: Dr D. Vitt; Dr R. Currah

E. H. Strickland Entomological Museum  
Curator: Dr F. Sperling

Freshwater Invertebrate Collection  
Curator: Dr F. Sperling

Invertebrate and Malacology Collection  
Curator: Dr A. Palmer

Paleobotanical Collection  
Curator: Dr R. Stockey

Parasite Collection  
Curator: Dr M. Belosevic

University of Alberta Museum of Zoology

Amphibian & Reptile Collection  
Curator: Dr C. Paszkowski

Ichthyology Collection  
Curator: Dr J. Nelson

Mammal Collection  
Curator: Dr J. Murie

Ornithology Collection  
Curator: Dr C. Paszkowski

Vascular Plant Herbarium  
Curator: Dr S. Graham

Biological Sciences/Earth and Atmospheric Sciences

Laboratory for Vertebrate Paleontology  
Curators: Dr M. Wilson, Dr R. Fox

Earth and Atmospheric Sciences

Meteorite Collection  
Curator: Dr D. Smith

Mineralogy Collection  
Curator: Dr D. Smith

Mineralogy/Petrology Museum  
Curator: Dr B. Jones

Paleontological Collections  
Curator: Dr B. Jones

Paleontology Museum  
Curator: Dr B. Chatterton

Petrology Collection  
Curator: Dr R. Burwash

Stratigraphic Reference Collection  
Curator: Dr C. Stelck



Dr J. Allan (right) and crew member, Geological Survey of Canada, 1914  
University of Alberta Archives

**APPENDIX ONE**

**FRIENDS OF THE UNIVERSITY OF ALBERTA  
MUSEUMS BOARD OF DIRECTORS**

Executive

- Dr A. Vanterpool, President
- G. Brooks, Vice-President
- Dr R. Eiden, Treasurer
- J. Boberg, Secretary
- Dr A. Forbes, Past-President

Members

- D. Bacon
- A. Boender
- J. Cowling
- K. Lochert
- J. Mucha
- Dr E. Nyland
- R. Sherbaniuk



Friends of the University  
of Alberta Museums, AGM  
October 1999

Phylum Echinodermata, Invertebrate and Malacology Collection



**APPENDIX  
TWO**

## DETAILED FUNDING REPORT

### SECTION ONE

Museum and Collections Services coordinates and/or facilitates campus-wide applications to several funding agencies. The following summarizes funding acquired for collections projects. Complete information was not available for funding acquired directly by individual collections. For project details, see Appendix Three.

#### University of Alberta Sources

##### Friends of the University of Alberta Museums (\$28,648 Total Donation)

- \$10,000 Museum and Collections Services (all collections): Discovery Tour Project
- \$8,678 Museum and Collections Services (all collections): marketing initiatives
- \$750 Museum and Collections Services (University of Alberta Art and Artifact Collection): for the exhibition Art and Personal Meaning
- \$5,000 History and Classics (Classics Museum): exhibit case development in the new Classics Museum
- \$1,900 Anthropology (Osteology Collection): to acquire recent fossil hominid teaching casts
- \$1,220 Music (Centre for Ethnomusicology): for the purchase of West African Music Ensemble (Ewe Drum s)
- \$1,100 Medicine and Dentistry (Dental Museum): to develop an exhibit/storage case for a narwhal tusk (donated)

##### Community Outreach Endowment Fund (\$11,153 Total Interest Expended)

- \$350 Anthropology (Archaeology Collection): to purchase Reportsmith software
- \$140 Anthropology (Ethnographic Collection): for digital imaging supplies
- \$2,153 Anthropology (Zooarchaeology Reference Collection): contract database manager
- \$3,000 Biological Sciences (Vascular Plant Herbarium): supplement STEP grant position for specimen preparation/digital camera
- \$2,500 Music (Centre for Ethnomusicology): to purchase materials for the AV Digitization Project
- \$2,500 Renewable Resources (Soil Monolith Collection): to digitize the Alberta Soil Monolith Collection
- \$510 Laboratory Medicine and Pathology (Pathology Gross Teaching Collection): in age digitization for the Alberta Atlas of Human Pathology

#### Faculty of Arts

- \$4,000 Museum and Collections Services: Interdepartmental course development and delivery: Museums Studies (InterD 425)

#### International Activity Fund

- \$1,450 Museum and Collections Services: ESL training for Intern from Chinese Academy of Sciences

#### Offices of the Vice-President (Academic), Vice-President (Research)

- \$5,000 Museum and Collections Services: for the exhibition Art and Personal Meaning



Clothing and Textiles Collection

### APPENDIX THREE

## DETAILED FUNDING REPORT

### SECTION ONE, CONTINUED

City of Edmonton

Winspear Foundation

\$3,600 Museum and Collections Services (University of Alberta Art and Artifact Collection): purchase of print portfolio

Government of Alberta

Edmonton Community Lottery Board (supported by Provincial Lottery Funds)

\$103,000 Museum and Collections Services (all collections): Discovery Tour Project

Museum Alberta (supported by Provincial Lottery Funds)

\$2,771 Music (Centre for Ethnomusicology): community outreach/public relations initiative

\$4,840 Anthropology (Archeology and Faunal Reference Collection): archeology information management project

Summer Temporary Employment Program

\$2,772 Museum and Collections Services: Information Management Assistant position for MultiMIMSY digitization projects

Government of Canada

Museum Assistance Program (Department of Canadian Heritage)

\$45,000 Museum and Collections Services: Internet Application Developer for VirtualMuseum Project

Canadian Millennium Partnership Program

\$86,688 Museum and Collections Services: development of the VirtualMuseum Project

Young Canada Works in Heritage Institutions

\$3,154 Museum and Collections Services (2000): Education Assistant position for the Discovery Tour Project

\$3,671 Museum and Collections Services (1999): Graphic Design Assistant - various projects

\$1,697 Biological Sciences: Paleontology Research Assistant

Summer Career Placement Program

\$2,380 Museum and Collections Services: Digital Content Developer for the University of Alberta Art and Artifact Collection

Multimedia Advanced Computing Infrastructure - MACI (funded through Canada Foundation for Innovation and Alberta's Intellectual Infrastructure Partnership Program)

\$100,260 Museum and Collections Services/Computing and Network Services: purchase high end digital camera and flatbed scanner

**\$410,084** Total funds brought in by the Collections on Campus in 1999/2000

### APPENDIX THREE



## DETAILED FUNDING REPORT

### SECTION TWO

Curators, or contacts, are designated in each faculty or department from among the academic staff to undertake duties and responsibilities related to museums and collections. Each is actively involved in research, most of which relates directly or indirectly to the collections resources.

The following summarizes research grants received by Faculty who are designated curators or contacts. These figures reflect information provided by the Research Grants Office only for those new amounts received between 1 April 1999 and 1 April 2000. It does not reflect amounts received prior to or after this particular time period.

\$27,489	Natural Science Engineering Research Council Dr G. Ball, Studies in biodiversity: Mesozoic erican beetles
\$41,580	Natural Science Engineering Research Council Dr M. Belosovic, Cytokine regulation of macrophage antimicrobial functions
\$131,000	Alberta Science and Research Authority Dr M. Belosovic, Flow cytometer for detection and evaluation of disinfection of human protozoa, Giardia and Cryptosporidium in drinking water
\$76,230	Natural Science Engineering Research Council Dr B. Catterton, Paleozoic paleontology and biodiversity, with emphasis on trilobites
\$50,358	Natural Science Engineering Research Council Dr R. Cunah, Taxonomy, ecology and evolution of septate mycorrhizal fungi
\$43,890	Natural Science Engineering Research Council Dr R. Fox, Evolution of mammals across the Cretaceous tertiary boundary, Alberta and Saskatchewan
\$11,000	National Geographic Society Dr R. Fox, Late Paleocene mammals from Alberta, Canada
\$26,880	Natural Science Engineering Research Council Dr S. Graham, Chloroplast DNA phylogeny of the monocotyledons
\$5,000	Central Research Fund
\$20,000	Sabbatical Research Grants Prof E. Ingram, Colour etchings to be produced in workshop in Germany/ Working at H. Kattelhon print workshop near Dortmund, Germany
\$55,440	Natural Science Engineering Research Council Dr B. Jones, Geological evolution of isolated carbonate oceanic islands: hot spring and geyser systems
\$12,128	Natural Science Engineering Research Council Dr N. Jum a, Mechanisms of sequestering plant carbon into soil organic
\$12,000	Alberta Agriculture, Food and Rural Development Dr N. Jum a, Quantification of soil carbon and nitrogen mineralization in soil samples from different toposequence positions

### APPENDIX THREE

## DETAILED FUNDING REPORT

### SECTION TWO, CONTINUED

\$3,900	Alberta Museum Association Dr N. Lovell, Zooarchaeology documentation upgrade
\$1,200	Central Research Fund Dr P. M. Cormack, Canadian nation building: A pretty name for internal Colonialism - British Association of Canadian Studies 25th Annual Conference, "Nation Building", Edinburgh, Scotland, 9-20 April 2000
\$19,404	Natural Science Engineering Research Council Dr J. Nelson, Systematics of world fishes; Biogeography and systematics of Psychrolutidae; and Absence of pelvic skeleton from brook sticklebacks
\$51,975	Natural Science Engineering Research Council Dr A. Palmer, Evolutionary Origins of Morphological Innovations: Comparative and Experimental Studies of Marine Invertebrates
\$4,600	Social Sciences and Humanities Research Council Dr R. Qureshi, Sounding the Sarangi: political economy and poetics of Hindustani art music
\$1,680	Central Research Fund Dr J. Rossiter, Topographical survey at Carthage, Tunisia
\$54,075	Natural Science Engineering Research Council Dr F. Sperling, Speciation, phylogeny and diversity of insects
\$46,200	Natural Science Engineering Research Council Dr R. Stockey, Paleobiology in western North America
\$61,677	Natural Science Engineering Research Council Dr D. Vitt, Bryophytes: Their taxonomy, geographic pattern, and ecological importance in northern peatlands
\$100,000	Alberta Science and Research Authority Dr D. Vitt, Development of the Alberta Plant Diversity and Conservation Centre
\$69,244	University of Toronto Dr D. Vitt, Climate system history and dynamics - Phase 2
\$1,089	EFF Support for the Advancement of Scholarship Dr D. Vitt, What are the attributes and patterns of rare bryophytes? Regional Centre for Plant Biodiversity - XVI International Botanical Congress, St. Louis, Missouri, 1-7 August 1999, Interdisciplinary Research Units
\$1,200	Central Research Fund Dr P. Willoughby, The Middle and Later Stone Age in Southwestern Tanzania - Society of Africanist Archaeologists, 15th Biennial Meeting, Cambridge, UK, July 10-20, 2000
\$5,000	Central Research Fund Dr P. Willoughby, Investigating modern human cultural origins in Southwestern Tanzania
\$2,500	Central Research Fund Dr P. Willoughby, The people without culture?: Investigating the middle-late Stone Age transition in southwestern Tanzania

### APPENDIX THREE

## DETAILED FUNDING REPORT

### SECTION TWO, CONTINUED

- \$40,425 Natural Science Engineering Research Council  
Dr M. Wilson, Phylogeny and paleoecology of fossil fishes  
from extraordinary fossil deposits
- \$20,790 Natural Science Engineering Research Council  
Dr J. Zwiazek, Regulation of root hydraulic conductivity and water  
relations in white spruce (*Picea glauca*) seedlings by triadimfon

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\$997,954.00 Total

*Leptopteris serlii*, Paleobotanical Collection



APPENDIX  
THREE

Detail, wall hanging, 1971, Irene Avaalaqiaq, University of Alberta Art and Artifact Collection



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