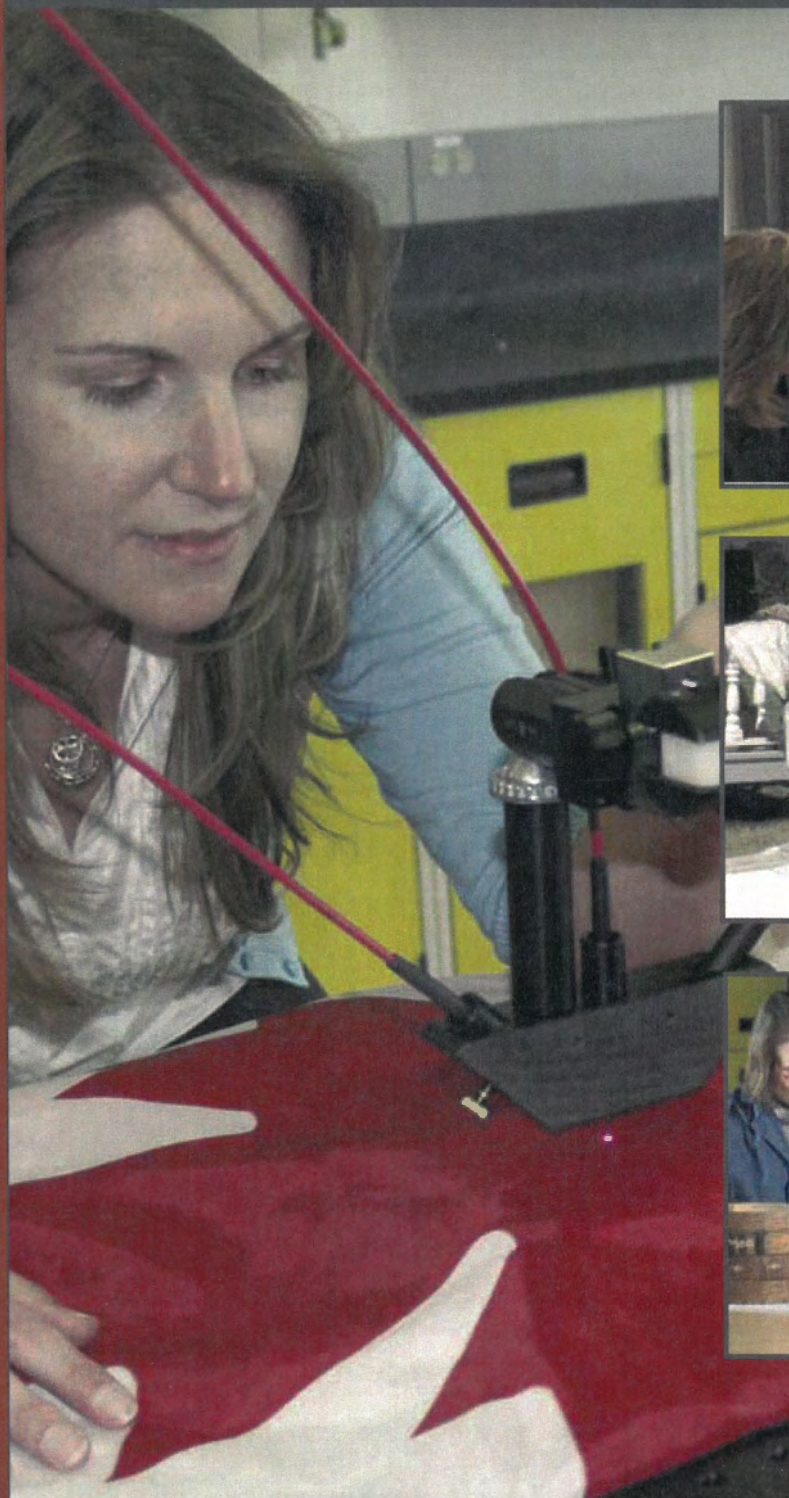


ANNUAL REVIEW 2008-2009

CANADIAN
CONSERVATION
INSTITUTE



INSTITUT
CANADIEN DE
CONSERVATION



Canadian Heritage
Patrimoine canadien

Canada

ANNUAL REVIEW OBJECTIVE

This Annual Review presents the results achieved by the Canadian Conservation Institute (CCI) in 2008–2009 to the Department of Canadian Heritage, CCI clients and partners in Canada and around the world, and the Canadian public.

CCI's MISSION

Through its expertise in conservation science, treatment, and preventive conservation, CCI supports the heritage community in conserving Canada's heritage collections so they may be accessible to present and future generations.

To achieve its mission, CCI organizes its operations under three business lines:

- **research and development in conservation**, including scientific research, advanced techniques for treatment and restoration, and practical and innovative solutions for caring for collections
- **equitable provision of expert services** to the heritage community in Canada, including scientific analysis, conservation treatment, and advisory services that meet its needs and complement the services available from the private sector
- **dissemination of conservation knowledge**, through training, professional development, online learning materials, and publications, to assist professionals, workers, and volunteers in the heritage community in making informed decisions about conservation



Director General's Message



As I look back on 2008–2009, it is evident that CCI has not only extended its reach to the heritage community in Canada, but also to the conservation community worldwide.

One of our objectives for the year was to increase access to information and tools on preservation management and care of collections. We succeeded by all measures. Our online learning resources and tools were expanded and reorganized, including the creation of a Conservation Resource Centre that comprises the Conservation Information Database, the CCI Notes Online, the Preservation Framework Online, and assorted online tools and links of interest. New sections include *Ten Agents of Deterioration*, *Environmental Guidelines for Museums*, and *Electronic Media Collections Care for Small Museums and Archives* — all of which are intended to assist museums in making decisions about cost-effective and sustainable care of their collections.

Another objective for the year was to continue to address the emerging scientific and technical challenges facing the heritage community. Through research, we made progress on several initiatives. CCI scientists and conservators refined a technique for light-fading measurement; evaluated the IML resistograph as a tool for measuring the physical condition of large wooden objects; rederived and reinterpreted isoperms as a basis for relative humidity and temperature levels for archives, museums, and galleries; and continued development of a Web-based tool for risk assessment of collections. In addition, we shared the results of our research, publishing more articles in professional journals and making more presentations at national and international conferences than in 2007–2008.

We also increased the number of services we provided to heritage institutions in Canada. We responded to more than 1330 requests for advice and services (with 97% of clients reporting they were satisfied) and we delivered workshops to 11 provinces and territories (with 98% of participants reporting they were satisfied with the training received).

Within the Institute, we worked hard to strengthen our long-term operational viability and accountability in the areas of human resources, information management, and real property management.

Looking forward to 2009–2010, we will continue to share the results of our research as practical, evidence-based solutions and will increasingly disseminate this information through our Web site. We will introduce new types of services and training opportunities to meet the emerging needs of museums as they face increasing challenges in the area of sustainability and risk management. We will also launch a new publication — *Perspectives in Conservation* — which is aimed at museum managers as well as conservation professionals.

A handwritten signature in black ink that reads "Jeanne Inch".

Jeanne E. Inch
Director General and Chief Operating Officer CCI

Research and Development



Performance in 2008–2009

Research and development projects: 65 currently active projects

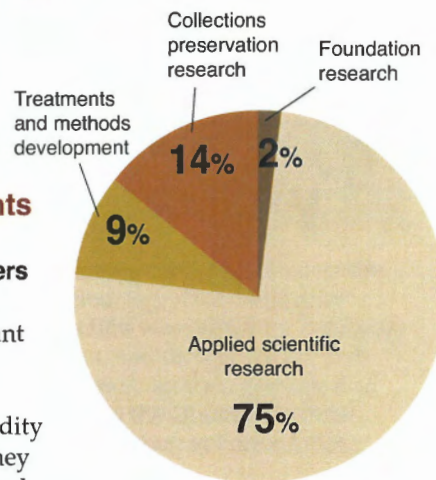
Research and development highlights

Determination of parameters for isoperm calculations:

Isoperms are lines of constant permanence for a certain material (such as cellulose) on a graph of relative humidity vs. temperature. As such, they are helpful in making rational decisions about the environmental conditions necessary to minimize deterioration of artifacts during long-term storage. By equating changes in humidity and temperature control to resultant lifetime extension, their value extends to making cost-benefit decisions regarding environmental control. However, the existing isoperms were based on certain assumptions that CCI has begun to investigate further. CCI is carrying out research to derive parameters that will allow improved mathematical modelling of the deterioration rates, and will improve the accuracy of the isoperm tool.

Preservation of books and paper: CCI is part of an informal three-way partnership with the conservation research divisions at the British Library and the U.S. Library of Congress. This partnership focusses on mutual research issues related to the preservation of book and document collections. In addition, CCI is linked to the Heritage Science for Conservation (HSC) project based at Johns Hopkins University in Baltimore, an initiative funded by the Andrew W. Mellon Foundation to support postdoctoral fellows in heritage conservation science.

The micro-fade tester: The micro-fade tester (MFT) is a relatively new tool that allows the user to carry out accelerated light-aging tests. The procedure is rapid (30 minutes or less) and almost completely non-destructive. Used in conjunction with a prototype version of CCI's light damage calculator, the MFT makes it possible to estimate the future colour loss or colour change in objects in virtually any imaginable lighting regime — data that are invaluable in establishing conservation lighting. CCI is one of only a dozen conservation laboratories around the world that have this new tool, and the research we have been conducting with it will be used to develop a new CCI service for Canadian museums.



Expert Services

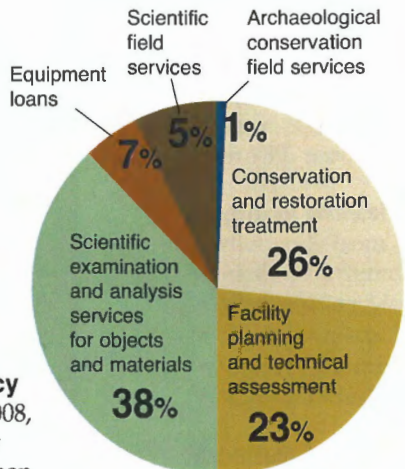
Performance in 2008–2009

More than 217 specialized services were provided to clients.

Expert services highlights

Maison Daigle/St-Jean — emergency response: In April 2008, CCI led an emergency recovery effort at Maison Daigle/St-Jean in Clair, New Brunswick. Flooding from the Saint John River had affected several historic buildings on the site, some of which had floated off their foundations. The 1848 farmhouse, the chapel, and a barn were flooded, and the buildings and some artifacts (e.g. furniture and religious objects from the early part of the 19th century) on the ground level were damaged. CCI, together with provincial heritage and museum officials from the New Brunswick Museum, the Provincial Archives of New Brunswick, and the New Brunswick Department of Wellness, Culture, and Sport, coordinated measures to recover and conserve the important heritage material.

Egyptian Revival furniture conservation treatment: CCI furniture and textile conservators collaborated on the treatment of a suite of Egyptian Revival furniture (comprising a settee, a chair, and a stool) from Fulford Place, a historic house museum in Brockville, Ontario. This late-19th-century furniture is significant because it retains its original upholstery. Conservation treatment included re-adhering numerous pieces of bone and



wood, replacing losses, and cleaning the surface. The upholstery conservation treatment was designed in consultation with an upholstery conservation specialist from the Metropolitan Museum of Art in New York. It was completed without removing the textile show cover in order to preserve the original Egyptian fabrication technology. The sprung structure was rebuilt by installing an engineered support system, and the upholstery was treated using special local suction devices developed at CCI. This treatment has enabled the Ontario Heritage Trust to properly exhibit the furniture at Fulford Place for the first time in many years.



Photograph collections survey: A CCI scientist and a CCI photograph conservator, in collaboration with the Centre de conservation du Québec, visited five small museums and archives in Quebec to survey photo collections and provide advice on photo conservation, especially storage. Representatives from 10 other institutions also brought materials for discussion and identification. The results of the survey will not only be provided to the clients but will also be used as the basis for a new CCI publication on the preservation and care of film-based collections.

18th-century Iroquois headdress: CCI conservation scientists undertook a detailed scientific examination of the materials (natural dyes, pigments, binding media, coatings, fibres, and sewing threads) in an Iroquois headdress from the collection of the McCord Museum of Canadian History, Montreal. The headdress is one of the most important objects in the museum's collection. It is thought to have belonged to Shawnee Chief Tecumseh, who was killed in the Battle of Moraviantown in 1813. The examination revealed that the headdress had been treated in the past with an organochlorine pesticide.



Before (top) and after (bottom) treatment.

Knowledge Dissemination - Learning Opportunities

Performance in 2008–2009

Professional development and training services

Overall, 372 participants attended CCI training sessions, with 98% reporting they were satisfied with the training received.

Regional workshops in Canada: Two hundred and sixty-four Canadian participants from 11 provinces and territories attended 16 regional workshops offered by CCI. The most popular workshops were:

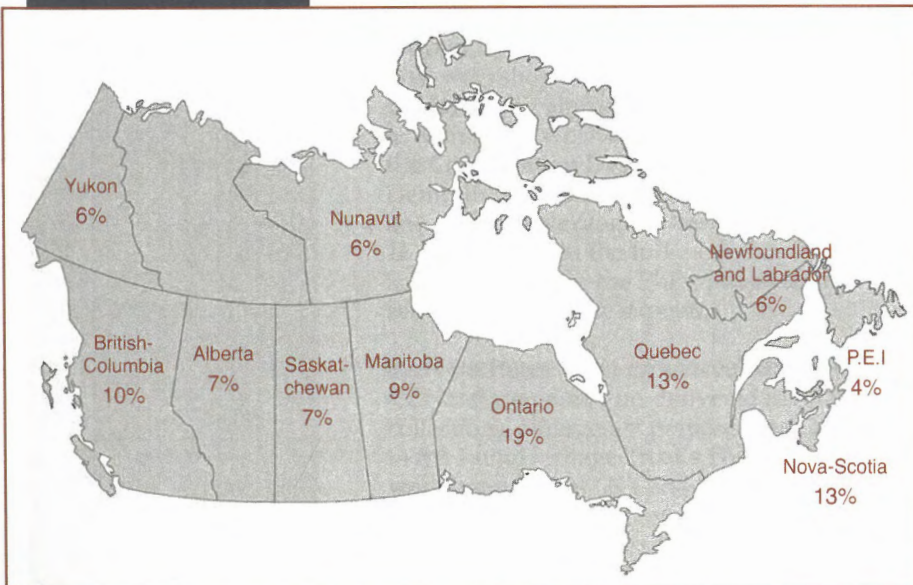
- *Preservation Management for Seasonal Museums*
- *Emergency and Disaster Preparedness for Cultural Institutions*
- *Storage Planning for Cultural Facilities*
- *Care of Industrial Objects*

Advanced professional development workshops: Thirty-eight conservation professionals from Canada, the United States, and the Philippines attended two advanced professional development workshops hosted by CCI. An additional 70 attended lectures presented as part of these workshops.

Internships: Five recent graduates from conservation programs were hired for one-year paid post-graduate internships. By joining CCI staff in day-to-day conservation work, they had an opportunity to carry out in-depth research and /or conservation treatment of heritage objects in their areas of specialization — paintings, textiles, furniture, or industrial objects. One student from the Conservation-Restoration of Cultural Property program at the Université Paris I, Panthéon – Sorbonne came to CCI for an unpaid internship. She worked with a CCI photograph conservator as part of the final year of her Master's studies in photography and graphic arts.

Fellowships: Under the Natural Sciences and Engineering Research Council of Canada (NSERC) Visiting Fellowships in Canadian Government

Laboratories Program, CCI hosted two fellows whose research areas and skill sets were a strong match for CCI's needs. One, who holds a Ph.D. in Material Science Engineering, worked with the micro-fade tester and was also involved in the conservation treatment of a poster — *Newfoundland Heroes* — from The Rooms Provincial Archives in St. John's, NL. The other, who holds a M.Sc. in Mechanical Engineering and a Master of Art Conservation (science), assisted CCI conservation scientists in developing a Web-based risk analysis model for Canadian museums and galleries.



Percentage of regional workshop participants from each province

Learning opportunities highlights

New Methods of Cleaning Painted & Decorative Surfaces

Held in June 2008 in Montreal, this workshop was a 4-day event. Presented in collaboration with the Canadian Association for Conservation and the McCord Museum of Canadian History, this workshop featured two international experts: Richard Wolbers (Associate Professor, Art Conservation Department, University of Delaware, Newark, Delaware) and Chris Stavroudis (Paintings Conservator, private practice, Los Angeles, California). Twenty-two conservators attended the full workshop (3 from the western provinces, 4 from Ontario, 5 from Quebec, 2 from the Atlantic provinces, 2 from CCI, and 5 from the United States) and 50 additional participants attended the lecture given by the experts.



Visiting Professional Program: a didactic approach

CCI re-introduced its didactic approach to professional development for mid-career conservation professionals. This program allows individuals to work at CCI, in collaboration with CCI staff members, on the treatment of an artifact or work of art from their own museum. As part of this internship, Claire Titus (a conservator at the New Brunswick Museum) spent 6 weeks at CCI developing a treatment protocol for a rare full-scale mural "cartoon" by New Brunswick artist Miller Gore Brittain. The cartoon, a large charcoal and mixed media drawing (approximately 3 metres by 3 metres), is one of 11 cartoons made in 1941–1942 for an unrealized mural project for the Saint John Tuberculosis Hospital. Following examination, analysis, and testing of this cartoon, a treatment protocol was developed for the entire series.

Thread by Thread Tear Repair

This workshop taught an invisible tear repair method designed primarily for the treatment of paintings. CCI brought in two international experts from Germany to deliver the workshop: Winfried Heiber (a retired professor [now deceased] from the Conservation Department of the Academy of Fine Arts in Dresden) and Petra Demuth (a lecturer in the Department of Restoration and Conservation of Artistic and Cultural Heritage at the University of Applied Sciences, Cologne). There were 16 participants in the full workshop (14 from Canada, 1 from the northeast United States, and 1 from the Philippines) as well as 20 others who attended the lecture session given by the experts.

Inuit Heritage Trust conservation training

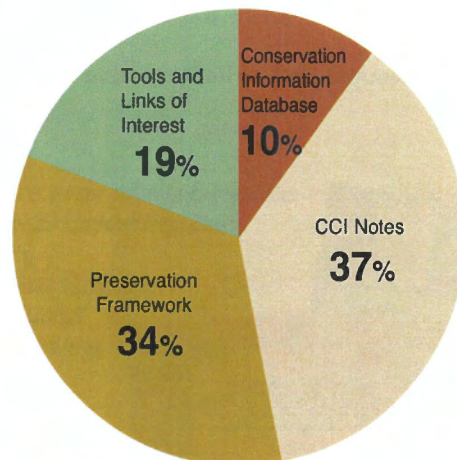
CCI staff prepared and delivered several training modules on the care of collections, emergency preparedness, and developing a conservation policy to the Inuit Heritage Trust's Heritage Training Program officials. These modules were presented at CCI and the Canadian Museum of Civilization in September 2008. For their training program, the Inuit Heritage Trust received the 2009 Canadian Museums Association Award for Outstanding Achievement in Management for specifically meeting the needs of heritage workers in Nunavut, with CCI collaboration.

Knowledge Dissemination – Online Learning Resources

Performance in 2008–2009

Web Site

CCI Web Site	Number of Hits	Documents Viewed
2007–2008	12 981 827	2 533 573
2008–2009	13 029 909	2 649 152
% increase	+0.4%	+5%



**Distribution of visitors to the
Conservation Resource Centre**

Conservation Resource Centre

Launched on December 24, 2008, the Conservation Resource Centre received more than 157 000 visitors in the first 3 months of operation. This directory contains 362 documents about conservation and includes a host of online resources:

- Conservation Information Database
- CCI Notes Online
- Preservation Framework Online
- Tools
- Links of Interest

CCI Staff Bibliography

A CCI Staff Bibliography was added to the Web site. This database, with 1732 bibliographic records, contains all of the publications authored by CCI conservators and conservation scientists over the past 37 years.

Online learning resources highlights

Conservation Resource Centre

Five new topics were added to the Conservation Information Database:

- *Environmental Guidelines for Museums — Temperature and Relative Humidity (RH)*
(<http://www.cci-icc.gc.ca/crc/articles/enviro/index-eng.aspx>)
- *Ten Agents of Deterioration* (<http://www.cci-icc.gc.ca/crc/articles/mcpm/index-eng.aspx>)
“That [Chapter 8 “Light, Ultraviolet and Infrared”] is the best explanation about light (UV and IR) that I have ever seen, simple but very informative...brilliant!”
- *Electronic Media Collections Care for Small Museums and Archives*
(<http://www.cci-icc.gc.ca/crc/articles/elecmediacare/index-eng.aspx>)
Within a few days of its release, this article had been accessed by almost 800 people. One of them commented: “This article was EXACTLY what I was looking for...you will never know how much this helps...THANKS!!!!!”
- *Six Steps to Safe Shipment* (<http://www.cci-icc.gc.ca/crc/articles/sixsteps-sixetapes/index-eng.aspx>)
- *Corner Pads for Double Case Packages* (<http://www.cci-icc.gc.ca/crc/articles/cp/index-eng.aspx>)

Symposium 2007 report

A report on Symposium 2007 (*Preserving Aboriginal Heritage: Technical and Traditional Approaches — What We Heard*, by Jeanne Inch, Director General and Chief Operating Officer CCI) was published on the CCI Web site (<http://www.cci-icc.gc.ca/symposium/index-eng.aspx>).

Knowledge Dissemination - Communications and Publications

Performance in 2008–2009



Conferences

CCI staff presented at 30 conferences, enabling CCI to disseminate and share its research and advances in conservation.

Client Services

Staff responded by telephone or e-mail to 1092 requests for advice and guidance.

CCI publications

Two new publications were released for sale:

- Technical Bulletin 29 *Combating Pests of Cultural Property*
- *Preserving Aboriginal Heritage: Technical and Traditional Approaches — Proceedings of Symposium 2007*



4342 publications were sold to clients in Canada (27%) and abroad (73%).

The three best-selling publications were:

1. *Framework for the Preservation of Museum Collections Wall Chart*
2. *Mount-making for Museum Objects, Second Edition*
3. *Mould Prevention and Collection Recovery: Guidelines for Heritage Collections* (Technical Bulletin 26)

Library

The Library handled 1065 requests for service (staff loaned out 404 books, distributed 156 photocopied articles, assisted 218 users, and responded to approximately 287 reference requests).

External publications

Thirteen staff members wrote or co-wrote 13 specialized articles that were published by scientific journals or proceedings (CCI staff members in **bold**).

Bourdeau, J. "Avanços em conservação preventiva: pesquisa científica aplicada, estratégias de risco, estruturas e governo." pp. 201–217 in *Um olhar contemporâneo sobre a preservação do patrimônio cultural material. Livros do Museu Histórico Nacional*. Rio de Janeiro: Museu Histórico Nacional, 2008.

Forest, É., **M.-C. Corbeil**, and L. Lacroix. "L'Adoration des mages de Claude Vignon — Une découverte." pp. 603–608 in *ICOM Committee for Conservation, ICOM-CC*,

15th Triennial Conference New Delhi, 22–26 September 2008: Preprints, Volume 2 (edited by J. Bridgland). New Delhi: Allied Publishers Pvt., 2008.

Fox, A. "Scottish Cabinet-making and the Canadian Climate: The Conservation of a Sofa Table Attributed to Thomas Nisbet." pp. 77–82 in *Empire Furniture: Introduction, Adoption, Adaptation and Conservation: Eighth International Symposium on Wood and Furniture Conservation, Amsterdam, the Netherlands, 17–18 November 2006: Proceedings* (edited by H. Piena and A. Barth). Amsterdam: Stichting Ebenist, 2008.

Helwig, K., V. Monahan, and J. Poulin. "The Identification of Hafting Adhesive on a Slotted Antler Point from a Southwest Yukon Ice Patch." *American Antiquity* 73, 2 (2008), pp. 279–288.

Michalski, S. "A Physical Model of the Consolidation Process, Particularly of Paintings." pp. 27–47 in *The Care of Painted Surfaces: Materials and Methods for Consolidation, and Scientific Methods to Evaluate Their Effectiveness: Proceedings of the Conference, Milan, November 10–11, 2006* (edited by CESMAR7). Saonara (Padova): Il Prato, 2008.

Michalski, S. "Social Discount Rate: Modelling Collection Value to Future Generations, and Understanding the Difference Between Short-term and Long-term Preservation Actions." pp. 751–758 in *ICOM Committee for Conservation, ICOM-CC, 15th Triennial Conference New Delhi, 22–26 September 2008: Preprints, Volume 2* (edited by J. Bridgland). New Delhi: Allied Publishers Pvt., 2008.

Selwyn, L., and S. Tse. "The Chemistry of Sodium Dithionite and its Use in Conservation." *Reviews in Conservation* 9 (2008), pp. 61–73.

Tétreault, J. "Fire Risk Assessment for Collections in Museums." *Journal of the Canadian Association for Conservation* 33 (2008), pp. 3–21.

Townsend, J.H., and J. Poulin. "Painting: Materials and Methods." pp. 161–168 in *Holman Hunt and the Pre-Raphaelite Vision* (edited by K. Lochnan and C. Jacobi). Toronto: Art Gallery of Ontario, 2009.

Tse, S., and R. Waller. "Developing a Risk Assessment Model for Iron Gall Ink on Paper." pp. 301–309 in *ICOM Committee for Conservation, ICOM-CC, 15th Triennial Conference New Delhi, 22–26 September 2008: Preprints, Volume 1* (edited by J. Bridgland). New Delhi: Allied Publishers Pvt., 2008.

Vischi, C., and G. Hill. "The Study of Two Humidification and Flattening Methods for Albumen Prints to Determine Their Impact on the Evolution of the Cracks in the Albumen Layer." *Restaurator* 29, 2 (2008), pp. 45–75.

Vuori, J., and N. Britton. "A Preliminary Investigation of Digital Inkjet Printing on Sheer Fabrics for Textile Conservation." pp. 1002–1011 in *ICOM Committee for Conservation, ICOM-CC, 15th Triennial Conference*

New Delhi, 22–26 September 2008: Preprints, Volume 2 (edited by J. Bridgland). New Delhi: Allied Publishers Pvt., 2008.

Wainwright, I.N.M., E.A. Moffatt, and P.J. Sirois. "Occurrences of Green Earth Pigment on Northwest Coast First Nations Painted Objects." *Archaeometry* 51, 3 (2009), pp. 440–456.

Communications and publications highlights

Book on Riopelle's techniques and painting materials

CCI signed an agreement with the Getty Conservation Institute in Los Angeles to write a book on the painting materials and techniques of Jean-Paul Riopelle for a new Getty series on modern artists. The book will be authored by Marie-Claude Corbeil, Kate Helwig, and Jennifer Poulin, and will include a preface by Yseult Riopelle and a chapter by Stéphane Aquin (Curator of Contemporary Art at the Montreal Museum of Fine Arts).

International Council of Museums-Committee for Conservation (ICOM-CC) 15th Triennial Conference

In September 2008, Jeanne Inch (Director General and Chief Operating Officer CCI) gave the Invited Triennial Lecture at the ICOM-CC 15th Triennial Conference in New Delhi, India. Entitled *Preserving Aboriginal Heritage: Voices from Canada*, the lecture presented lessons learned at CCI's Symposium 2007 *Preserving Aboriginal Heritage: Technical and Traditional Approaches*.



Corporate Initiatives Completed in 2008-2009



e-Services: The number of registered e-Services clients increased by 77%, with 742 new clients joining the 963 who had registered in 2007-2008 (the year e-Services was launched). Of the 1705 registered users, 79% are from Canada and 21% are from other countries.

CCI e-News: Nine hundred and fifty-nine clients signed up to receive CCI e-News, increasing the Canadian client base by 27% and the foreign client base by 13%. The mailing list now comprises 6242 clients, of which 38% are from Canada and 62% are from other countries.

Communication with clients: CCI staff participated in 40 provincial, national, and international events (presentations, conferences, workshops) that brought together heritage community experts and volunteers. The CCI booth was set up at 13 of these events.



Building: CCI completed its first year as custodian of its main facility at 1030 Innes Road, Ottawa, as well as its related storage space. Public Works and Government Services Canada was contracted as the service provider for building operations and maintenance. The modifications required to make the facility accessible to people with disabilities were completed.

At its conference on leading management practices in October 2008, the Treasury Board of Canada Secretariat (TBS) recognized CCI's *Real Property Management Framework* as a best practice for custodians of small special-purpose facilities. CCI was also recognized for its significant expertise in the management and conservation of heritage assets.



Human resources: CCI was proactive in hiring students, including two (through the Post-secondary Co-op/Internship Program) to work in the Analytical Research Laboratory Division and four (through the Federal Student Work Experience Program) to work in general administration and support. In addition, a Scientific Documentation Technologist and a Record & Information Management Coordinator were hired, and a CCI Senior Conservation Scientist was promoted to the position of Manager of the Analytical Research Laboratory Division.

To deal with impending employee retirements, CCI is preparing for more staffing actions in 2009-2010.



Appreciation and Recognition



James Bourdeau (Manager of the Fine Arts, Paper, and Textiles Division) contributed to TBS's new *Guide to the Management of Movable Heritage Assets* (<http://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=13872>). As a member of the committee responsible for developing the guide, he contributed best practices gained in his previous work on TBS's Heritage Asset Policy and a planning document on the management of Parliamentary Heritage Collections.



James Hay (Senior Conservator) was elected Vice-President of the Canadian Association for Conservation.



The United States National Air Filtration Association (NAFA) awarded CCI a Clean Air Award in recognition of the renovation of our laboratories, and how our air filtration systems provide a safe working environment for staff while maintaining the special environment needed for artifacts. The award was presented at the NAFA 2008 annual conference in San Francisco, with **Michael Harrington** (Manager of the Preservation Services and Training Division) accepting on behalf of CCI.



David Grattan (Manager of the Conservation Research Division) is one of the board members for the Heritage Science for Conservation project based at Johns Hopkins University in Baltimore.



Marie-Claude Corbeil (Manager of the Analytical Research Laboratory Division) was elected to a three-year term as President of the International Council of Museums-Committee for Conservation (ICOM-CC). ICOM has 30 international committees, of which the Committee for Conservation is the largest with more than 1700 members.



Stefan Michalski (Senior Conservation Scientist) was one of two international experts invited to participate in "Environmental Guidelines: Opportunities and Risks", a research cluster looking at environmental guidelines for cultural heritage in the United Kingdom. The initiative is bringing together researchers in the disciplines of arts and humanities, conservation, science, and engineering, as well as practitioner communities, to appraise the costs and risks of current environmental guidelines for cultural heritage in response to a changing climate. The new environmental guidelines for British museums will have an impact on environmental guidelines for European museums, and could influence loan requirements for museum exhibitions around the world. CCI will incorporate the guidelines in its advice and service to Canadian museums.



Carole Dignard (Senior Objects Conservator) was elected to a three-year term as Coordinator of the ICOM-CC Working Group on Ethnographic Collections.

Financial Statement for 2008-2009

Revenues

Appropriation		8 223 304
Transfer of custody of real property to PCH-CCI		2 529 697
Vote-netted revenue ¹		1 105 000
Internal transfers for CCI's operation		(21 310)
Crown asset funds		144 521

Total – Operating budget 11 981 212

Earned revenues

Publications and library services	74 248	
Scientific and conservation services	233 605	
Exhibit Transportation Services (ETS) ²	456 257	
Total – Earned revenues		764 110

Total – Operating budget and earned revenues 12 745 322

Expenditures

Salaries		6 285 864
Custodian costs ³	2 401 804	
Operating costs – CCI ⁴	2 602 293	
Operating costs – ETS ⁴	33 600	
Total – Operating costs		5 037 697

Total – Expenditures 11 323 561

Refund – Vote-netted revenue 1 105 000

Total expenditures and refund of vote-netted revenue 12 428 561

Subtotal 316 761

Crown assets⁵ 142 344

Balance 174 417

1. Vote-netted revenue is a financial procedure enabling the Government of Canada to provide an amount in relation to anticipated revenues.
2. The financial statement includes an item relating to ETS.
3. Custodian operating costs for CCI and ETS.
4. Operating costs include the following expenditures: transportation and communication (telephone, mail, travel to museums and sites, participation in conferences, business trips for professional associations, travel for training and emergency services), information (printing, publication, advertising), leases, maintenance and repairs, equipment, supplies and materials, professional services (including contract work, consultation, and professional advice).
5. Unused funds for crown assets transferred to FY 2009–2010.