

**Prince of Wales Northern Heritage Centre  
Workshop Registration form for CCI Workshop “Display Cases”**

The Prince of Wales Northern Heritage Centre is pleased to offer the following workshop:

<b>WORKSHOP</b>	Display Cases
<b>FACILITATOR</b>	Canadian Conservation Institute
<b>DATES</b>	October 23-24, 2018
<b>LOCATION</b>	Prince of Wales Northern Heritage Centre (Auditorium) 4750 48th Street, Yellowknife, Northwest Territories

Registration Information

- As a service to Heritage Organizations there will be no fee charged to participants for attending.
  - Registration Deadlines: Monday August 13, 2018.
  - If more than one person from an organization would like to register, they will be added to a wait list. If space is still available after the registration deadline, they will be able to register.
  - There is an enrolment limit of 20 participants, please register early to secure your spot.
- Complete the registration form below and return it to:

Rosalie Scott, Conservator  
Prince of Wales Northern Heritage Centre  
4750 48th Street, Yellowknife NT X1A 2L9  
e-mail: [rosalie\\_scott@gov.nt.ca](mailto:rosalie_scott@gov.nt.ca) Tel: 867-767-9347 X 71224 Fax: 867-873-0205

Name:	*	<input type="text"/>
Phone:	*	<input type="text"/>
Email:	*	<input type="text"/>
Title:	*	<input type="text"/>
Organization Name:	*	<input type="text"/>
Street Address:	*	<input type="text"/>
City:	*	<input type="text"/>
Prov/Terr:	*	<input type="text"/>
Postal Code:	*	<input type="text"/>

Participants requiring financial assistance may be eligible to apply for the Canadian Museums Association’s bursary program to assist museum professionals and volunteers. Details and application forms are available at: <http://www.museums.ca/site/bursaries>

The Community Cultural Development program will provide travel and accommodation assistance to one participant from each organization who could not otherwise afford to send a representative. Please contact Boris Atamanenko at: [boris\\_atamanenko@gov.nt.ca](mailto:boris_atamanenko@gov.nt.ca) if you require travel assistance.

## Display Cases

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Display cases, if well designed, can be used to control the environmental conditions (e.g. relative humidity and pollutants) around valuable and vulnerable collections, and can help reduce the risks of damage to the objects on display (e.g. from light, theft and vandalism). These controls, however, present designers with a challenge of maintaining several performance specifications while developing a display that highlights particular objects and tells their story. Due to the varying functions display cases may have to fulfill, many questions still persist about museum case design for designers, conservators and museum professionals alike, such as:

- Should I retrofit existing display cases and, if so, how?
- Are there sustainable approaches to display case design?
- Why can I not use certain materials? Are there design solutions to these problems?
- How tight is tight enough when it comes to air leakage? How do I measure it?
- When do I need extra materials in the case, like humidity buffers and scavengers? How much?
- What are the advantages of creating a microenvironment within the case, rather than controlling humidity and pollutants at the room level?
- Do new lighting technologies change the old rules about case lighting?
- How do I communicate my requirements to the other specialists involved in the design and fabrication of display cases?

## Learning Objectives

Upon completion of this workshop, participants will have an increased understanding of many factors related to museum display cases, including:

- The effect of relative humidity, light and pollutants on objects, and mitigation of the related risks.
- Issues related to retrofitting existing display cases.
- Specifications for display case design and fabrication, based on the need of objects or lender conditions and budget allowed.
- Balance between preservation, access and visibility, as well as sustainability and cost.

## Units

### Relative humidity

Sensitivity of objects to relative humidity. Active and passive control. Measurement of the humidity.

### Lighting

An overview of general lighting practice for the display of objects: estimating light sensitivity, managing total dose and ultraviolet exposure, and light quality. The use of modern lighting technology, such as LEDs, and approaches for lighting within a display case.

### Pollutants

Sensitivity of objects to indoor and outdoor pollutants. Common control strategies.

### Products

Review of typical products used for display cases.

### Security

Best practice for securely presenting museum objects, including materials and design considerations for different levels of security requirements.

### Leakage

Determination of the leakage rate. Improving airtightness. Impacts on relative humidity and pollutants.

### Design and specifications

Principles of design. Requirements for permanent, temporary and travelling exhibition.

### Target Audience

Museum and gallery staff and curators involved in, or responsible for, the design, construction and maintenance of display cases.

**Facilitators** [Jean Tétreault](#) and [Eric Hagan](#)