



Library

Carleton A-Z

CU Phonebook

Campus Map

Prospective Students

Current Students

Alumni

Staff

## University Communications

### News Release

#### Carleton U. Professor Showcases Groundbreaking Project at Heritage Day Celebration

February 17, 2005

##### Event:

Brian Anthony, Executive Director of the Heritage Canada Foundation will launch Heritage Day 2005 on Monday February 21, 2005, at the foundation's national headquarters. The celebration, dedicated to Canada's heritage of faith, will include the unveiling of the Heritage Day 2005 poster entitled, Heritage of Faith: Spiritual and Sacred Places by Brian Anthony and the artist, Peter Schwartzman, as well as a special preview and demonstration of a ground-breaking project by the Carleton University School of Architecture's Immersive Media Studio. This project, which features digital animations of the reconstructed interior and exterior of Ottawa's Chapel of the Convent of Our Lady of the Sacred Heart, is part of the studio's Digital Architectural Re-construction Program which was launched in April 2004.

##### When:

Monday February 21, 2005 from 10:00—11:00 a.m.

10:00 a.m. Brian Anthony Welcomes Guests

10:10-10:20 a.m. Brian Anthony and Peter Schwartzman unveil the Heritage 2005 poster, Heritage of Faith: Spiritual and Sacred Places

**10:20-10:50 a.m. Michael Jemtrud, Director of the Carleton Immersive Media Studio presents and demonstrates the digital reconstruction project**

11:00 a.m. Refreshments served

##### Where:

National Headquarters of the  
Heritage Canada Foundation  
5 Blackburn Avenue, Ottawa, Ontario

##### Background:

Researchers at Carleton Immersive Media Studio (CIMS) began work on The Digital Architectural Re-construction Program (DARP) in April 2004. DARP is comprised of one primary content-based research project, the Heritage Building Digitization: Rideau Chapel Project and three other related applied research projects in: High-Fidelity Visualization, 3D imaging and modeling protocols, and new media tool customization. CIMS Director Michael Jemtrud and his interdisciplinary team are pleased to showcase highlights from their work to date in the form of digital animations of the reconstructed interior of the Rideau Street Convent Chapel. These detailed, photorealistic animations are based on laser scans of the chapel's interior and augmented with photogrammetric three-dimensional models created from archived drawings and photographs. The end result is a sophisticated digital reconstruction of the chapel not presently available in any other venue. DARP and its planned second stage may well globally redefine the way heritage conservation is conceived

DUC Home

Meet Us

News Room

- News Releases

- Speeches

- Carleton Quick Facts

- Carleton Org. Chart

- Journalist Sign-up

- Experts @ Carleton

- Hot Topics

- Events @ Carleton

- Today @ Carleton

- Related Links

- Contact

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Business Cards

Logos & Templates

Standards & Guides

Policies and Procedures

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-30-

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