

**Canadian Cartographic Association Conference 2017 Carleton University – Ottawa  
Wednesday May 31 – Saturday June 3, 2017  
Location: Richcraft Hall, Carleton University**

**PRELIMINARY PROGRAM**

**WEDNESDAY, May 31, 2017 - Pre-conference Events**

- 2:00-4:00pm Guided tour of Canadian Museum of History in Gatineau, QC  
*"Sneak preview" of Canada's 150th Hall of History Exhibit*
- 4:00-5:00pm Free time
- 5:00-7:00pm Informal Icebreaker at Carleton on-campus pub Mike's Place from 5:00pm to whatever time - sponsored by CCA
- 7:00pm - Informal dinner arrangements TBA

**THURSDAY, June 1, 2017**

- 8:00am Registration opens
- 8:45am Conference starts
- 8:45-9:00am Welcome address from Chair of Geography, Dean of FASS, CCA President

**9:00-9:45am 'Past Cartography' Keynote:**

Ian Crain, Orbis Institute  
*The CGIS +50: Origins, Innovation, and Lasting Legacy*

- 9:45-10:00am Break for 15 minutes

**10:00-11:00am Presentation session: Historical Mapping and GIS 1 (Chair Byron Moldofsky)**

- Roger Wheate, University of Northern British Columbia  
*A brief history of 150 years of topographic mapping in Canada*
- Sarah Simpkin\*, Interim Digital Scholarship Librarian, University of Ottawa  
*New Uses for Old Maps – Exploring transforming landscapes online through historical topographic maps*
- Byron Moldofsky, University of Toronto  
*Canadian Historical GIS Partnership development: Taking steps for historical mapping in Canada*

- 11:00-11:15am Break of 15 minutes

**11:15am-12:35pm Presentation session: Historical Mapping and GIS 2 (Chair Byron Moldofsky)**

- Giuseppe Filoso, Statistics Canada  
*1971 Statistics Canada Enumeration Area Restoration Project*
- Kevin Ballantyne  
*Mapping historic buildings in Ottawa*
- Wendy Smith, PhD Candidate (Canadian History) York University  
*The Toronto PARK LOT PROJECT —Mapping the founding history of Toronto & Upper Canada*
- Rebecca Bartlett, Carleton University, GIS and Digital Resources Librarian and Trevor Ford  
*Battling mapping a battle: Vimy Ridge front line movement*

- 12:35-1:45pm Lunch (1 hour 15 min duration)

**1:45-2:30pm 'Present Cartography' Keynote:**

Chris Brackley, As the Crow Flies cARTography, and Canadian Geographic  
*Cartography Today: Drawing human experience on a global scale*

2:30-2:40pm Break for 10 minutes

**2:40-4:00pm Presentation session: Cartography Today 1** (Chair David Broscoe)

Daniel Brendle-Moczuk, MLIS, GeoSpatial Librarian Uvic libraries

*Sacred land? Digitally preparing and dismantling maps of Canada's First Peoples territories and language areas for use with geospatial tools*

Amos Hayes, Geomatics and Cartographic Research Centre, Carleton University

*Cartography of Data and Stories with Nunaliit*

Mark Gallant, Entertainmaps

*Using Creative Cartography in Story Maps*

Emma Zerr and Justin Charron

*The Canadian Museum of History Interactive Map: Travel Through History*

4:00-4:15pm Break of 15 minutes

**4:15-5:25pm Presentation session: Cartography Today 2 - Teaching stream** (Chair David Broscoe)

Monica Lloyd - Centre of Geographic Sciences (COGS)

*Integrating ArcPro and Webmapping into the Cartography curriculum*

Julia Siemer, Department of Geography and Environmental Studies, University of Regina

*Teaching Digital Cartography: A Comparison of Adobe Illustrator and Inkscape*

Sally Hermansen - University of British Columbia

*Changing Curriculum: How to teach an old(ish) cartography professor new tricks*

Roger Wheate, University of Northern British Columbia

*The Hills are alive with the ICA mountain cartography commission*

5:25-5:45 pm Break of 20 minutes

5:45-7:30pm Official Wine and Cheese Reception sponsored by the Department of Geography and Environmental Studies, Carleton University in the Atrium, Richcraft Hall

7:30pm - Group reservation for dinner at local restaurant - TBA

**FRIDAY, June 2, 2017**

8:00am Registration opens

8:45am Conference starts

**8:45-9:30am 'Future Cartography' Keynote:**

Fraser Taylor, Carleton University, Director of the Geomatics and Cartographic Research Centre  
*Rapid technological change and the future of cartography*

9:30-9:45am Break for 15 minutes

**9:45-10:45am Presentation session: The Future of Cartography 1** (Chair Emmanuel Stefanakis)

Uzayr Siddiqui, Carleton University

*Enlightenment of Cartography by Drones and Uavs*

Laura Thomson, PhD, Postdoctoral Fellow, Department of Earth Sciences, Simon Fraser University

*Advances to glacier and mountain cartography using Structure from Motion*

Dr Christopher D Storie, Dr Christopher Henry, Andrew Curtis  
*Automated Map Production Using Deep Learning Neural Networks*

10:45-11:00am Break of 15 minutes

**11:00am-12:20pm Presentation session: The Future of Cartography 2** (Chair Emmanuel Stefanakis)

Nate Wessel, PhD candidate, University of Toronto

*Testing transport maps for route selection speed and quality*

Jeff Allen, MA candidate, University of Toronto

*Comparative Visualizations of Transport Networks in Canadian Cities*

Emmanuel Stefanakis, Department of Geodesy and Geomatics Engineering, University of New Brunswick

*Simplification of Linear Features for Raster Tile Maps and Discrete Global Grids*

Joni Storie, Martine Balcaen and Adrienne Ducharme, The University of Winnipeg

*Impact of restaurant spatial proximity on food security and public health in Winnipeg*

**12:20-2:00pm Lunch and CCA Annual General Meeting (1 hour 40 min duration)**

**2:00-3:20pm Presentation session: The Future of Cartography 3**

Sébastien Caquard, Department of Geography, Planning and Environment, Concordia University

*Mapping as an Interface for Places and Stories - Examples from the Geomedia Lab*

Mo Wang, MSc candidate, Department of Geography, Planning and Environment, Concordia University

*Mapping Zika with Twitter – Process, Results, Lessons*

Emory Shaw, MSc candidate, Concordia University

*Tweeting an Urban Plaza: An Experiment in Geographic Information Retrieval*

Thomas McGurk, MSc Candidate, Concordia University

*The state of on-line Indigenous mapping in the Canadian context*

**3:20-4:00pm Technical session**

Emmanuel Stefanakis, Dept. of Geodesy & Geomatics Engineering, University of New Brunswick

*Web Mercator Projection and Raster Tile Maps: Two cornerstones of Online Map Service Providers*

4:00-4:10pm Break of 10 minutes

4:10-4:25pm Closing Remarks

4:25-5:15pm Free time/Poster Session

Conversation with authors of posters, Interactive displays

5:15-6:15pm CCA Orienteering event

7:30pm - Group reservation for dinner at local restaurant - TBA

**SATURDAY, June 3, 2017**

10:00am-1:00pm Tour of Ottawa area attractions: TBA