

Multidisciplinary Research Infrastructure: The Role of 21st Century Libraries

November 18 – 20 Workshop Packet

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Agenda

Refreshments are available each day in TFDL 412 3:00 PM – 6:00 PM.

	Group activities
	Arctic Studies activities
	Smart Cities activities
	Visual Analytics activities
	Food / Refreshments

Wednesday, November 18

3:30 PM WELCOMING REMARKS AND INTRODUCTIONS

Tom Hickerson, Lead Researcher
Vice Provost and University Librarian, University of Calgary
Joan Lippincott, Lead Facilitator
Associate Executive Director, Coalition for Networked Information
 TFDL 440 A

4:00 PM PRESENTATION: WHAT IS A RESEARCH INFRASTRUCTURE?

Ed McCauley, Vice-President Research, University of Calgary
 TFDL 440 A

4:30 PM BREAK

Refreshments available
 TFDL 412

4:40 PM ROUND TABLE: PRESENTATIONS BY CLUSTER MEMBERS

 TFDL 440 A,  TFDL 440 D,  TFDL 410

5:30 PM DINNER

 TFDL 4th Floor Staff Room

6:00 PM PRESENTATION: RESEARCH INFRASTRUCTURE AND NEEDS FOR SMART CITIES AT UNIVERSITY OF TORONTO

John Danahy, Smart Cities External Expert
Professor and Associate Director Centre for Landscape Research, John H. Daniels Faculty of Architecture, Landscape, and Design
 TFDL 440 A

6:30 PM CLUSTER DISCUSSIONS: COMMON INFRASTRUCTURE NEEDS ACROSS CLUSTER

 TFDL 440 A,  TFDL 440 D,  TFDL 410

7:15 PM ADJOURN

Thursday, November 19

	Group activities
	Arctic Studies activities
	Smart Cities activities
	Visual Analytics activities
	Food / Refreshments

3:30 PM PRESENTATION: RESEARCH INFRASTRUCTURE AND NEEDS FOR ARCTIC STUDIES AT CARLETON UNIVERSITY

Stephan Gruber, Arctic Studies External Expert
Associate Professor and Canada Research Chair in Climate Change Impacts/Adaptation in Northern Canada, Department of Geography & Environmental Studies, Carleton University

 TFDL 440 A

4:00 PM BREAK

Refreshments available

 TFDL 412

4:10 PM CLUSTER DISCUSSIONS: PRIORITIZATION OF COMMON INFRASTRUCTURE NEEDS

 TFDL 440 A,  TFDL 440 D,  TFDL 410

5:15 PM DINNER

 TFDL 4th Floor Staff Room

5:45 PM ROUND TABLE: CLUSTER INFRASTRUCTURE NEEDS PRESENTATIONS

 TFDL 440 A

6:30 PM GROUP DISCUSSION: COMMON INFRASTRUCTURE NEEDS ACROSS THREE CLUSTERS

 TFDL 440 A

7:15 PM ADJOURN

Friday, November 20

	Group activities
	Arctic Studies activities
	Smart Cities activities
	Visual Analytics activities
	Food / Refreshments

3:30 PM PRESENTATION: RESEARCH INFRASTRUCTURE AND NEEDS FOR ARCTIC STUDIES AT QUEEN'S UNIVERSITY

Scott Lamoureux, Arctic Studies External Expert
Professor, Department of Geography and Planning, Queen's University

 TFDL 440 A

4:00 PM GROUP DISCUSSION: PRIORITIZATION OF COMMON INFRASTRUCTURE NEEDS

 TFDL 440 A

4:45 PM ROUND TABLE: RESPONSES FROM RESEARCH SERVICES OFFICE AND LIBRARIES AND CULTURAL RESOURCES

 TFDL 440 A

5:30 PM DINNER

 TFDL 4th Floor Staff Room

6:00 PM GROUP DISCUSSION: SUMMARY OF CONCLUSIONS

 TFDL 440 A

6:15 PM CLOSING REMARKS

Tom Hickerson, Lead Researcher, Vice Provost and University Librarian, University of Calgary

 TFDL 440 A

6:45 PM ADJOURN

Researcher Profile Questions

On November 18, you will be asked to make a 5-10 minute presentation about your research interests and methodologies. These questions are provided to help you address some suggested issues and topics for your presentation.

1. What Are Your Research Question(s)?
2. What Are Your Research Methods/Processes/Techniques/Models?
3. What Types of Data You Use/Collect?
4. How Do You Manage Your Data?
5. What Types of Outputs Do You Develop from Your Research?
6. How Do You Disseminate Research Results (e.g. articles, visualizations, statistical tables, videos, classroom materials)?
7. How Do You Provide Long Term Access to the Products of Your Research?



UNIVERSITY OF
CALGARY

Ethics Consent Form

Name of Researcher, Thomas Hickerson
Faculty, Department, Vice Provost and University Librarian (Libraries and Cultural Resources,
Telephone & Email: Administration)
403-220-3765
tom.hickerson@ucalgary.ca
Title of Project: Multidisciplinary Research Infrastructure: The Role of the 21st Century Library
Sponsor: The Andrew W. Mellon Foundation

This consent form, a copy of which has been given to you, is only part of the process of informed consent. If you want more details about something mentioned here, or information not included here, you should feel free to ask. Please take the time to read this carefully and to understand any accompanying information.

The University of Calgary Conjoint Faculties Research Ethics Board has approved this research study.

Purpose of the Study

Study Objectives: Research libraries are increasingly positioned to participate in the shaping and organizing of a framework of services, technologies, information resources and expertise critical in efficiently enabling multidisciplinary research in areas of related inquiry (research clusters). Our goal is to identify which institutional resources and services can most effectively be shared across multiple research clusters, enabling improved efficiencies campus-wide. The three University of Calgary research clusters that we will examine in this pilot study are Arctic Studies, Smart Cities, and Visual Analytics.

Background: Academic institutions are increasingly large scale research engines involved in the creation, aggregation and dissemination of large amounts of diverse informational media ranging from spatial and numeric data to cultural artifacts. In combination with unprecedented amounts and formats of data, academic research is increasingly crossing traditional disciplinary boundaries. New technologies are continuing to emerge which permit previously collected information to be analyzed in new and creative ways resulting in the reappraisal of traditional conclusions. These factors identify the need to communicate the role and capacity of 21st century libraries and the ways in which collaborative efficiencies can be achieved.

Scope: The University of Calgary's strategic plan speaks to the identification of a "strategic sweet spot" where the University can make unique contributions by aligning areas of strength with areas of need, locally, provincially, nationally and internationally. Among the University's distinctive research clusters are Arctic Studies, Smart Cities and Visual Analytics. Researchers in these areas are increasingly aware of

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the role of the 21st century library in supporting their research and are committed to collaborating with the library to identify shared research infrastructure needs including space, technologies, collections and expertise.

What Will I Be Asked To Do?

Method: November 18-20, we will hold three half-days of workshops facilitated by a team led by Joan Lippincott (Associate Director of the Coalition for Networked Information (CNI)). The purpose of the workshop sessions are to identify and prioritize common research infrastructure needs across three multidisciplinary research clusters at the University of Calgary (Arctic Studies; Smart Cities; Visual Analytics. Workshops will consist of presentations, consultations and facilitated focus groups. Participants will include University of Calgary research cluster members, institutional representatives and external experts. Participants will be asked to attend workshops relevant to their area of research/expertise and actively engage in workshop discussions to build an understanding of shared research infrastructure needs across Arctic Studies, Smart Cities and Visual Analytics research clusters.

Workshop sessions will be videotaped to a) enable the research team to review workshop presentations and discussions in order to identify common research infrastructure needs across these three research clusters, and b) use segments of the videotaped presentations and discussions in the course of disseminating research results. Examples of such dissemination activities would be presentations, websites, and reports.

Participant's time commitment will be dependent upon the number of workshop sessions, breaks and meals the participant chooses to attend. Workshops will run three consecutive days, four hours each day. It is hoped that most participants will be able to attend all three sessions, but accommodations will be made for participants to partially attend sessions as available.

At this point it is unknown what follow up activity there might be to this pilot study; however participation in any follow up activities will be completely voluntary.

Participation in this study is completely voluntary. You are free to refuse to participate in any aspect of the study or you may refuse to participate in parts of the study. You may decline to answer any or all questions posed in workshops. As well, you may withdraw from the study at any time without penalty or loss of benefits to which you are otherwise entitled.

Data will be destroyed via confidential shredding January 5, 2020.

What Type of Personal Information Will Be Collected?

Personal identifying information to be collected:

Name:

Position:

Email:

Campus address:

Area of Research:

Website:

Workshop sessions will be videotaped, and the research team and facilitators will have access to these

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recordings. Segments of these videotapes may be used in disseminating research results. Entire videotapes of the proceedings will not be shown in public.

Due to the group nature of the videotaping, it is not possible to opt out. However, we seek your permission below to quote you and use your name and affiliation in any dissemination activities using workshop videotapes or notes.

You may quote me and use my name and affiliation:

Yes: ___ No: ___

Are there Risks or Benefits if I Participate?

This research is minimal risk involving U of C staff and academic subject experts external to the University of Calgary in both presenting their ideas as well as discussing the ideas of others with regard to identification of shared research infrastructure needs across three research clusters at the U of C: Arctic Studies; Smart Cities; Visual Analytics.

This research involves a time commitment from participants and a willingness to engage in discussing research areas and research infrastructure needs. Potential risks would be disagreement between colleagues could lead to damaging relationships.

Participants will be offered refreshments, meals and breaks. Workshops will be facilitated by experienced professionals to ensure that all participants have an opportunity to voice their ideas, and that respect is shown to all points of view.

Participating in identifying shared research infrastructure needs across three research clusters benefit University of Calgary participants in carrying out their programs of research by ensuring that they are aware of current resources and have the opportunity to provide input into identifying gaps in current resources available to support their research. Raising the profile of their research and networking with colleagues is another potential benefit. External subject experts benefit through opportunities to present their research and network with U of C researchers.

What Happens to the Information I Provide?

The information that is collected via workshop presentations and discussions will be accessed by the research team (principal investigator, project manager, facilitators, LCR project team). Segments of the videotapes of workshops or workshop notes may be used in dissemination activities.

Due to the group nature of the workshops anonymity and confidentiality cannot be offered, however participants have no obligation to share information that they are not comfortable sharing with the group, and discussions will not be of a personal or sensitive nature.

If a participant informs the research team that they have decided to withdraw from the study, no videotape of their presentation or comments will be publically disseminated. As these are group workshops it is not feasible to destroy videotapes of sessions.

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Hard copies of recordings will be kept in a locked cabinet only accessible to the principal investigator and project manager. Digital data will be password protected.

Research data and records will be kept in accordance with the University of Calgary's data retention policy for records/data generated by research involving human subjects.

Active: Retained while the project is active.

Semi-Active: Retain for 5 years after the project is closed or in accordance with the terms and conditions of the research agreement or funding agency

Final Disposition: Retained/Destroyed at the discretion of the principal investigator or in accordance with the terms and conditions of the research agreement of funding agency.

Signatures

Your signature on this form indicates that 1) you understand to your satisfaction the information provided to you about your participation in this research project, and 2) you agree to participate in the research project.

In no way does this waive your legal rights nor release the investigators, sponsors, or involved institutions from their legal and professional responsibilities. You are free to withdraw from this research project at any time. You should feel free to ask for clarification or new information throughout your participation.

Participant's Name: (Please Print)	
Participant's Signature:	Date:
Researcher's Name:	H. Thomas Hickerson
Researcher's Signature:	Date:

Questions/Concerns

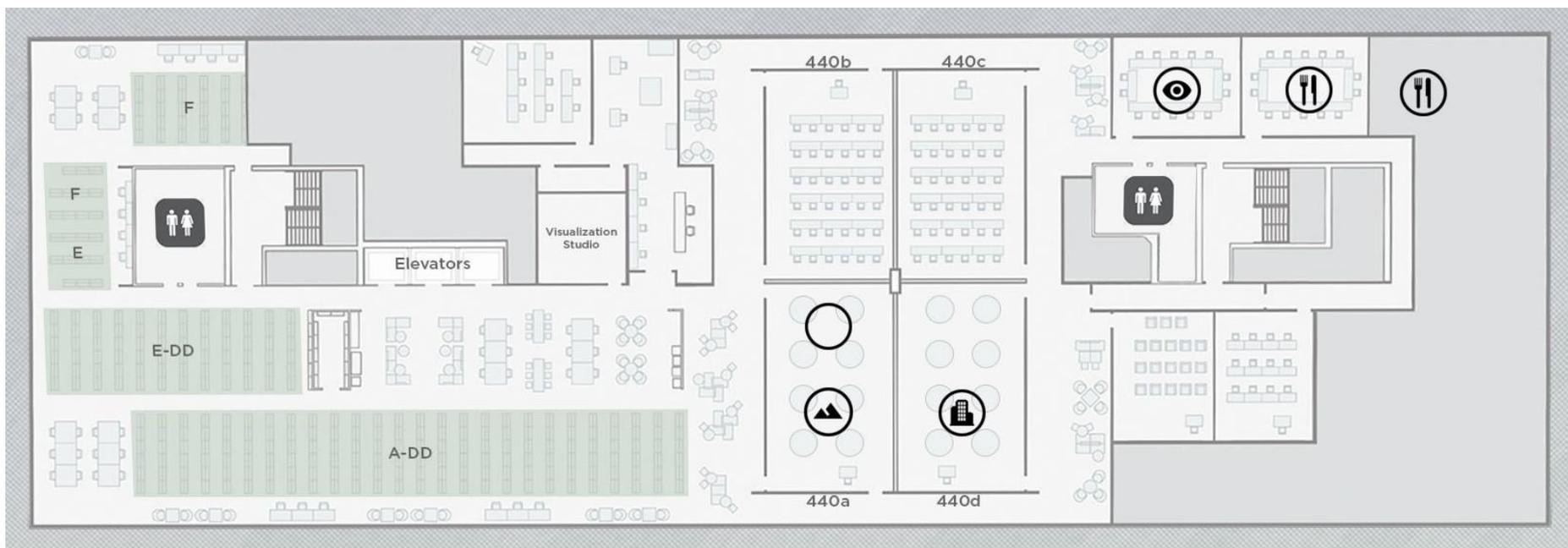
If you have any further questions or want clarification regarding this research and/or your participation, please contact:

Thomas Hickerson, Libraries and Cultural Resources, 403-220-3765, tom.hickerson@ucalgary.ca

If you have any concerns about the way you've been treated as a participant, please contact the Research Ethics Analyst, Research Services Office, University of Calgary at (403) 210-9863; email cfreb@ucalgary.ca.

A copy of this consent form has been given to you to keep for your records and reference. The investigator has kept a copy of the consent form.

Map of 4th Floor of Taylor Family Digital Library



- Group activities
- ▲ Arctic Studies activities
- 🏢 Smart Cities activities
- 👁️ Visual Analytics activities
- 🍴 Food / Refreshments