

Diversities on the data landscape: connecting information science with data studies

University of Regina – Regina, Saskatchewan

May 30 - June 1, 2018

46th Annual Conference of the Canadian Association for Information Science



CONFERENCE PROGRAM

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WELCOME FROM THE CAIS 2018 CONFERENCE CO-CHAIRS

Welcome to the 46th Annual Conference of the Canadian Association for Information Science (CAIS)!

This year's Congress theme, *Gathering diversities | māmawinitotân nanâtohk-ayisiyiniwak*, honours the history of the Regina area as “a traditional place of gathering, evoked in Regina's original name, Wascana, or oskana kâ-asastêki, where the bones are gathered, referring to the region's heritage as rich buffalo hunting grounds for a multitude of Plains cultures.”¹

Inspired by the idea of “gathering diversities,” we considered the many impacts of data on people's lives, on libraries, archives, other information organizations, and on the scholarly communication process. The creation and availability of data pose new opportunities as well as challenges for information science researchers and practitioners. The proliferation of data requires information science researchers and practitioners to critically investigate methodologies, approaches, theories, technologies, and pedagogies with data in mind. In keeping with the Congress theme, we conceive “data” broadly to include emerging or less predominant types of data, as well as more common forms. This year's presenters took up our call, enabling us to offer a program featuring a fascinating and timely variety of concerns.

This year's call for proposals garnered 34 extended abstracts from researchers, students, and practitioners. Of these abstracts, 28 were successful and will be presented here. An essential component of the CAIS conference is the double-blind review process. Using the EasyChair system, we sent each submission to two reviewers who provided written feedback and numerical scores. We thank the 39 members of the program committee for their conscientious service and insightful comments. The Best Paper, Student-to-CAIS, and Practitioner awards were selected using EasyChair scores and additional double-blind reviews. We congratulate everyone presenting this year, and offer special recognition to our award winners.

We're very pleased to be hosting the second annual CAIS Doctoral Student Forum. The forum is organized by Sarah Barriage (Rutgers University), Leslie Thomson (University of North Carolina), Claire Burrows (Western University), and Robyn Stobbs (University of Alberta). Thank you to the organizers and to the experienced scholars lending their expertise and support in the Forum.

Enjoy the conference and your time in Regina, thank you very much for joining us, and we'll see you in 2019 at the University of British Columbia!

Sincerely,

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¹ <https://www.congress2018.ca/about/theme>

KEYNOTE SPEAKER

Dr. Katie Shilton
Associate Professor, College of Information Studies
University of Maryland, College Park, MD, USA



Title **Intervening in Big Data Futures: Values, Practices, and Tools for Pervasive Ethics.**

Abstract Ethics and values to guide the creation, use, and curation of digital data have never felt more urgent. Concerns about creeping corporate and government surveillance clash with utopian visions of new knowledge from pervasive data about people and their habits. International debates have erupted over massive online data experiments, leaked datasets, and the definition of public data. Biased datasets feed algorithms that increasingly make decisions about people and their opportunities. The growth in the scale, scope, and speed of data gathering and use challenge traditional regulators, from IRBs to governments. This talk describes ongoing research to find places for ethical intervention in big data cultures. It describes research with stakeholders including data subjects, data users, and data regulators, and contrasts the ways these stakeholders grapple with ethics and values to guide their data practices. Drawing from this research, I suggest that information scientists can intervene to reorient big data's future. From micro-scale levers to large-scale organizing, information scientists are well-placed to advance a just, ethical approach to pervasive data.

Biography Katie Shilton is an associate professor in the College of Information Studies at the University of Maryland, College Park. Her research explores ethics and policy for the design of information collections, systems and technologies. Current projects include leading a multi-campus collaboration focused on big data research ethics; exploring privacy-sensitive search for email collections; analyzing ethical cultures in computer security research; and building tools to facilitate ethics discussions in mobile application development. Her work has been supported by a Google Faculty Award and multiple awards from the U.S. National Science Foundation, including an NSF CAREER award. Katie received a B.A. from Oberlin College, a Master of Library and Information Science from UCLA, and a Ph.D. in Information Studies from UCLA. More information about Dr. Shilton and her work can be found here: <https://terpconnect.umd.edu/~kshilton/>

CONFERENCE-AT-A-GLANCE

DAY 1 **May 30, 2018**

All CAIS sessions take place in the Riddell Centre

8:00 – 9:00 Light Breakfast (*Room: Riddell Centre 118*)

9:00 – 9:15 **OPENING REMARKS** (*Room: Riddell Centre 118*)
PLENARY Conference Co-Chairs
SESSION CAIS President, Dinesh Rathi

9:15 – 10:30 **KEYNOTE ADDRESS** (*Room: Riddell Centre 118*)
Introduction by Ali Shiri

Katie Shilton (University of Maryland)
Intervening in Big Data Futures: Values, Practices, and Tools for Pervasive Ethics

10:30 – 10:45 Refreshment Break (*Room: Riddell Centre 118*)

10:45 – 12:15 **SESSION 1 - PRESENTATION OF BEST PAPER AWARDS**
PLENARY *Room: Riddell Centre 118*
SESSION Moderated by Philippe Mongeon

Best Student Paper (the Student-to-CAIS Award)

Asen Ivanov (University of Toronto)

The Analytical Potential of Cultural Meanings: Insights from the Analysis of Evaluation Practices in a Digital News Archive

Best Practitioner Paper

Richard Hayman, Erika E. Smith, and Hannah Storrs (Mount Royal University)

Undergraduate Students' Academic Information and Help-Seeking Behaviours using an Anonymous Facebook Confessions Page

Best Overall Paper

Alexandre Fortier and Elaine Ménard (McGill University)

Quelles données satisferaient les utilisateurs de sites web de musées?

12:15 – 1:45 LUNCH BREAK – ON YOUR OWN

CAIS Executive Meeting (*by invitation only*)
Room: Riddell Centre 0050

1:45 – 3:15
CONCURRENT
SESSIONS

SESSION 2: Knowledge Organization and Mobilization

Room: Riddell Centre 0050
Moderated by Sharon Farnel

Julia Bullard and Muhammad Abdul-Mageed (University of British Columbia)
Machine Knowledge: Information Studies and Artificial Intelligence in Dialogue

Grant Campbell (Western University)
FRBR and Models of Semantic Cognition

Hilda Smith (York University)
Knowledge Mobilization: Useful to Grassroots Organizing?

SESSION 3: Scholarly Communication

Room: Riddell Centre 118
Moderated by John Budd

Catherine Johnson and Samuel Cassady (Western University)
How librarians make decisions: The interplay of subjective and quantitative factors in the cancellation of the “Big Deal”

Philippe Mongeon, Antoine Archambault, and Vincent Larivière (University of Montreal)
The concentration of journal use in Canadian universities

Heidi Julien and Christine Fena (University at Buffalo)
Thirty-one Years of the Canadian Journal of Information and Library Science: A Content Analysis

3:15 – 3:30

Refreshment Break (*Room: Riddell Centre 118*)

3:30 – 5:00
CONCURRENT
SESSIONS

SESSION 4: Information Needs, Practices, and Experiences

Room: Riddell Centre 0050
Moderated by Sarah Polkinghorne

Roger Chabot (Western University)
Life is Suffering: Thrownness, Dukkha, Gaps, and the Origin of Existential-Spiritual Information Needs

Robyn Stobbs (University of Alberta)
Narratives of Fact and Fiction: Examining Studies of Information Experience and the Interpretation of Data

Angela Pollak (University of Alberta)
A Leaf from Algonquin Park: Preliminary findings of a content analysis of information practice stereotypes in the documentary trail of a world-famous provincial park (1890-2018)

SESSION 5: Research on Researchers

Room: Riddell Centre 118
Moderated by Deborah Hicks

Tao Jin (Louisiana State University), Austin Ward (University of North Carolina, Chapel Hill), and Kwan Yi (Eastern Kentucky University)
The Key to Fostering Transdisciplinary Research Collaboration: Finding the Connections

Valerie Nessel (University at Buffalo)
Researching the Researchers: Gathering Data on Academics' Use of Technology

Adam Worrall, Alicia Cappello and Rachel Osolen (University of Alberta)
Balancing Socio-Emotional and Informational Considerations in Social Q&A: The Case of Academia Stack Exchange

6:30 – 9:00
DRINKS at 6:30;
DINNER at 7:00

CAIS Banquet (Pre-Purchased Ticket Required)

VENUE: Crave Kitchen + Wine Bar
ADDRESS: 1925 Victoria Avenue

END OF DAY ONE

DAY 2 May 31, 2018

All CAIS sessions take place in the Riddell Centre

8:30 – 9:30	Light Breakfast (<i>Room: Riddell Centre 0050</i>)
9:30 – 10:30 SINGLE-TRACK SESSION	SESSION 6: Using and Understanding Data <i>Room: Riddell Centre 0050</i> Moderated by Dan Albertson Michael Smit, Chantel Ridsdale, Adrienne Colborne (Dalhousie University) <i>Proficient Use of Open Data Requires These Core Information Skills: An Open Data Community Perspective</i> Tami Oliphant (University of Alberta) <i>Interpreting mediated quantitative climate data: Insights from information behaviour research</i>
10:30 – 10:45	Refreshment Break (<i>Room: Riddell Centre 0050</i>)
10:45 – 11:45 SINGLE-TRACK SESSION	SESSION 7: Sexuality, Erotica, and Communities <i>Room: Riddell Centre 0050</i> Moderated by Kate Johnson Davin Helkenberg (Western University) <i>Reading for Alternatives: The Experiences of Young Women Who Read Sexuality-Themed Fiction Online</i> Marni Harrington, kirstyn seanor, and Heather Hill (Western University) <i>A Post Fifty Shades of Grey Examination of Canadian Public Library Collections</i>
11:45 – 1:15	ANNUAL GENERAL MEETING FOR CAIS <i>Room: Riddell Centre 0050</i> LUNCH WILL BE SERVED—ALL WELCOME
1:15 – 2:45 SINGLE-TRACK SESSION	SESSION 8: Data, Culture, and Decolonization <i>Room: Riddell Centre 0050</i> Moderated by Dinesh Rathi Sharon Farnel (University of Alberta) <i>Metadata as Data: Exploring Ethical Metadata Sharing and Access for Indigenous Resources Through OCAP Principles</i> Dan Albertson and Amanda B. Nickerson (University at Buffalo) <i>Digital Social Services: From Data Aggregation to Culturally Competent Content</i> Danielle Allard (University of Alberta), Shawna Ferris (University of Manitoba), Kiera Ladner (University of Manitoba), and Carmen Miedema (University of Manitoba) <i>Digital decolonization and activist tagging in the Post-Apology Residential School Database</i>

2:45 – 3:00 Refreshment Break (*Room: Riddell Centre 118*)

3:00 – 6:00 **DOCTORAL FORUM—PRE-REGISTRATION REQUIRED**
Room: Riddell Centre 118

5:00 – 7:00 PRESIDENT'S RECEPTION (CONGRESS EVENT)
Location: Centre for Kinesiology 122

7:00 – 9:00 CAIS PUB NIGHT (NO PRE-REGISTRATION REQUIRED; PAY YOUR OWN WAY)
Location: Victoria's Tavern, 1965 Hamilton Street, victoriastavern.ca

END OF DAY TWO

DAY 3 June 1, 2018

All CAIS sessions take place in the Riddell Centre

8:00 – 9:00 Light Breakfast (*Room: Riddell Centre 0050*)

9:00 – 10:30 **SESSION 9: Data, Ethics, and Current and Future Practices**

SINGLE-TRACK
SESSION

Room: Riddell Centre 0050

Moderated by Grant Campbell

Cheryl Trepanier, Ali Shiri, and Toni Samek (University of Alberta)
Ethics: To Do or Not To Do?

Eva Hourihan Jansen (University of Toronto)
Metaphors, for dealing with data in the workplace

John Budd (University of Missouri)
Whither Physics? Publication Data and the Future of Research in Physics

10:30 – 10:45 Refreshment Break (*Room: Riddell Centre 0050*)

10:45 – 12:15 **SESSION 10: Public Libraries**

SINGLE-TRACK
SESSION

Room: Riddell Centre 0050

Moderated by Heather Hill

Greg Nightingale (Western University)
A Benjaminian Exploration of Library as Place

Dinesh Rathi (University of Alberta)
Canadian Public Libraries and their Interest in Open Source Software (OSS)

Amy Vanscoy (University at Buffalo), Deborah Hicks (University of British Columbia),
Mary Cavanagh (University of Ottawa)
*Understanding Public Libraries' Conversations: Promises and Challenges of
Microblogging Data*

END OF DAY THREE: SEE YOU IN 2019!

ACKNOWLEDGEMENTS

We thank our many volunteers for their support in preparing for the 2018 CAIS conference. We'd especially like to thank:

- the CAIS executive board for their support and direction,
- Kate Cushon, our invaluable local arrangements coordinator at the University of Regina,
- Sarah Barriage, Claire Burrows, Robyn Stobbs, and Leslie Thomson for organizing the second annual doctoral forum, and
- Christian Allègre for his translation work.

We also wish to acknowledge the contributions of the 2018 Program Committee. Without the hard work and commitment of the committee, the 2018 CAIS conference would not be a success.

PROGRAM COMMITTEE

Isola Ajiferuke
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Danielle Allard
Clément Arsenault
Jamshid Beheshti
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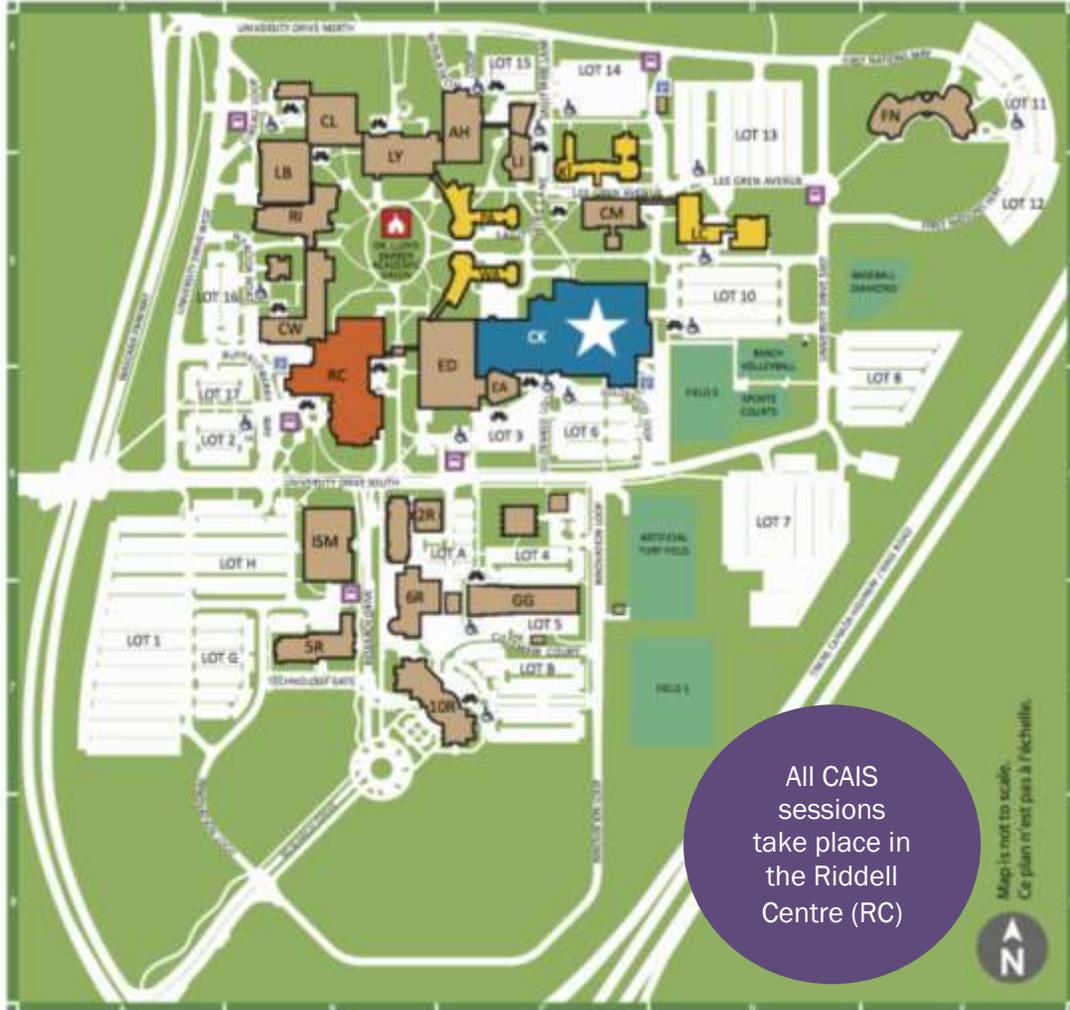
WAY-FINDING

All CAIS sessions take place in the Riddell Centre (RC)

congress 2018
OF THE HUMANITIES AND SOCIAL SCIENCES
Gathering diversities



congrès 2018
DES SCIENCES HUMAINES
Diversités convergentes



LEGEND | LÉGENDE

Congress Hub Carrefour du Congrès	AH Administration Humanities.....C4	LI Language Institute.....C5
Big Thinking lectures Causeries Voir grand	CM Campion College.....C5	LY Dr. John Ancher Library.....B5
Social Zone Zone d'activités	CK Centre of Kinesiology, Health and Sport.....C5	PA Paskwîw Tower.....C5
Residences for attendees Résidences pour congressistes	CL Classrom Building.....B4	RI Research and Innovation Centre.....B5
Bus stop Arrêt de bus	CW College West.....B5	RC Dr. William Riddell Centre.....B6
Bike parking Stationnement vélo	EA Education Auditorium.....C6	WA Wakpá Tower.....C5
	ED Education Building.....C5	2R Two Research Drive Building.....C6
	FN First Nations University of Canada.....E4	SR Saskatchewan Disease Control Laboratory.....B7
	GG Greenhouse Gas Technology Centre.....C7	6R Petroleum Technology Research Centre.....B7
	KT Klík Towers.....C5	10R The Terrace.....C7
	LB Laboratory Building.....B5	ISM ISM Canada.....B6
	LC Luther College.....D5	

PAPER ABSTRACTS (alphabetical by first author)

Dan Albertson and Amanda B. Nickerson. **Digital Social Services: From Data Aggregation to Culturally Competent Content.** A discussion is provided where various data-intensive efforts of a funded digital social services project are reported on. The goal of the project is to develop a digital library and built-in peer-to-peer support features that serve highly diverse audiences and users of New York State. Current work has already provided a number of insights regarding data aggregation and processing needed for making progress toward culturally competent content for digital social services. Those insights are detailed here, along with planned user-centered evaluations and future data-driven and theoretical research streams. The work described here can raise awareness regarding data requirements for digital social services.

Danielle Allard, Shawna Ferris, Kiera Ladner, and Carmen Miedema. **Digital decolonization and activist tagging in the Post-Apology Residential School Database.** The Post-apology Residential School Database, or PARSD, is a collection of digital and digitized news media responses to and representations of Indian Residential Schools since the Canadian government's official apology in Parliament on June 11th, 2008. In this conceptual paper, we discuss PARSD tagging practices, describing how our archival description approach is informed by feminist and anti-colonial theoretical frameworks and outlining how project members and 'guest taggers' describe, organize, and display PARSD records to promote decolonization. We conclude by considering both the potential and possible limitations that these practices may play in decolonizing and reconciling research.

John Budd. **Whither Physics? Publication Data and the Future of Research in Physics.** The discipline of physics is an extraordinarily lively one, producing a huge literature. Since physics, as is the case with any science, is based on the

answers to questions, it is a worthwhile endeavor to explore what fundamental areas are being studied. The exploration of what is published is valuable in its own right, since it helps to define what types of questions are being asked and the extent to which the literature reflects the questioning. Beyond that purpose, there is something of an ethical nature to the exploration. That ethical basis could, if one has sufficient hubris, be expressed as, what should the research field be. The proposed paper examines the publication landscape of sub-fields in physics and investigates the possibilities inherent in the largest body of literature—string theory.

Julia Bullard and Muhammad Abdul-Mageed. **Machine Knowledge: Information Studies and Artificial Intelligence in Dialogue.** In this piece, we examine the parallels and contrasts between knowledge organization and data science with a focus on the subfields of AI and machine learning in particular. Our analysis aims to both highlight and aid making connections between information studies and artificial intelligence through the discussion of shared practical and theoretical considerations and concerns around simplification and transparency.

Grant Campbell. **FRBR and Models of Semantic Cognition.** This paper will use research in cognitive science, particularly the mechanical modeling of semantic cognition, to suggest ways in which the model of the Functional Requirements of Bibliographic Records (FRBR) can be mobilized in a fashion that is consistent with linked data, knowledge discovery and artificial intelligence. The shift from hierarchical models to those based on parallel distributed processing suggest new and innovative ways in which FRBR can enhance library catalogues in the future.

Roger Chabot. **Life is Suffering: Thrownness, Duhkha, Gaps, and the Origin of Existential-Spiritual Information Needs.** LIS scholars have spent considerable time investigating the incipient stages of information seeking: the so-called “information need” as well as a host of other motivators. A study of twenty New Kadampa Buddhists, whose experiences were collected through semi-structured interviews, sought to explore their spiritual information practices and their motivations for engaging in such behaviour. An analysis of these interviews suggests that Martin Heidegger’s concept of *thrownness* can be paralleled with Buddhism’s First Noble Truth and Dervin’s gap metaphor, all which identify existential-level faults as inherent to the human condition. This paper offers that it is these closely-related problematic elements of human existence that are the origin of spiritual and existential motivations for engaging in spiritual information practices.

Sharon Farnel. **Metadata as Data: Exploring Ethical Metadata Sharing and Access for Indigenous Resources Through OCAP Principles.** Metadata is often defined as “data about data”, and although practitioners and scholars often broaden that definition, there may be value in approaching metadata as a type of data when addressing questions of ethical sharing and access. In this conceptual paper I review the challenges of ethical metadata practice for Indigenous resources, and explore the potential of the OCAP: Ownership, Control, Access, and Possession framework to act as a common language that Indigenous communities and metadata scholars and practitioners can use to engage in meaningful conversations about ethical metadata access and sharing.

Alexandre Fortier and Elaine Ménard. **Quelles données satisferaient les utilisateurs de sites web de musées?** Ce projet propose d’examiner les éléments essentiels à la description des objets muséaux et modéliser ceux-ci à l’aide de données ouvertes liées. Dans cette phase, les attentes et les besoins d’un groupe de 60

utilisateurs relativement aux données descriptives associées aux objets muséaux de toutes natures sur les sites web de musées sont présentés.

This project examines the fundamental elements for the description of museum objects and their modelization using linked open data. In this phase, the needs and expectations of 60 museum website users regarding the descriptive data associated with museum objects of any kind on museum websites are presented.

Marni Harrington, kirstyn seanor, and Heather Hill. **A Post Fifty Shades of Grey Examination of Canadian Public Library Collections.** The phenomenon surrounding *Fifty Shades of Grey* (FSOG) created a new and public conversation about erotica and erotic romance literature. Although the phenomenon surrounding FSOG has faded, the sub-genre of erotica/erotic romance is still of interest. Traditional and non-traditional LIS review sources were examined for erotica/erotic romance titles to determine characteristics of titles reviewed, trends seen in the reviews, and to uncover the uptake of reviewed materials in Canadian libraries. Findings show some distinct characteristics in titles along with an influence of FSOG in the reviews, and a mismatch between the review sources examined and an example of a public library’s collection.

Richard Hayman, Erika E. Smith, and Hannah Storrs. **Undergraduate Students’ Academic Information and Help-Seeking Behaviours using an Anonymous Facebook Confessions Page.** This research examines undergraduate students’ academic help-seeking behaviours by mining anonymous posts to a university Facebook Confessions page. From a dataset of 2,712 public posts, researchers identified 709 Confessions (26.1%) that supported student-to-student learning exchanges. Using a mixed methods methodology informed by a social constructivist framework, analysis of these social media interactions demonstrates that students use Confessions posts to legitimately inform their

undergraduate learning and support their academic experience. Researchers conclude that Facebook Confessions can enable rich academic help-seeking and other information behaviours, and that these sites should be taken seriously by administrators, faculty, researchers, and students.

Davin Helkenberg. **Reading for Alternatives: The Experiences of Young Women Who Read Sexuality-Themed Fiction Online.** This paper examines the reading experiences and practices of young women who read sexuality-themed Young Adult Literature online. The findings of this study reveal that young women tend to seek out fiction in online spaces when they have reading interests or questions about sexuality that are not addressed in conventional Young Adult Literature. These readers reported that, from an early age, they sought out literature online that had explicit sexual content or focused on non-normative topics such as LGBTQ relationships. They also identified comments sections as a significant aspect of their online reading experience which led to a sense of belonging to a reading community that is transparent, supportive and constructive about topics of sexuality.

Asen Ivanov. **The Analytical Potential of Cultural Meanings: Insights from the Analysis of Evaluation Practices in a Digital News Archive.** By drawing on insights from a doctoral project, this paper makes a case for examining the cultural meanings of information practices. The analytical value of this approach is elucidated through examples from an analysis of the digital curation practices at a digital broadcasting archive. The paper concludes by suggesting what role this approach, and information practice research more broadly, could play in the critical scholarship on data curation and data science.

Eva Hourihan Jansen. **Metaphors, for dealing with data in the workplace.** This year the CAIS-ACSI CFP asked us to consider how data are involved in people's information behaviours, practices,

and experiences. This paper responds by drawing on analytical themes and data from completed research on a standard classification system in workplace information practices. I take the view that classification systems are cultural artifacts (Beghtol 2010, p.10) and big data are social artifacts (Ibekwe-San Juan & Bowker 2017, p. 193). Metaphors for occupational data have become naturalized in workplace discourse. Metaphors also contribute to our understandings of information and its role in employment and migration. The research offers alternative readings of these metaphors and proposes ways these address information-centric beliefs in workplace practices.

Tao Jin, Austin Ward, and Kwan Yi. **The Key to Fostering Transdisciplinary Research Collaboration: Finding the Connections.** How to foster collaboration among researchers is an enduring issue facing university administrators. Homophily, the tendency that people like to work with those similar to themselves, has been found as a fundamental mechanism behind scientific collaboration. When similarity breeds connections, collaboration becomes conceivable. In a multidisciplinary context, like a university, how can a homophily mechanism be applied to facilitate research collaboration? This paper proposes a co-word analysis approach which can be used to process a large volumes of data. The aim is to identify and reveal hidden connections between university faculty members and contribute towards cultivating transdisciplinary research collaboration.

Catherine Johnson and Samuel Cassady. **How librarians make decisions: The interplay of subjective and quantitative factors in the cancellation of the "Big Deal."** This study examines the attempt of Western University librarians to cancel the Wiley big deal in 2016 through interviews with 13 librarians involved in the cancellation project. The motivation for the study is to understand the difficulties the librarians faced in cancelling the Wiley package and to design a model that would take into

consideration both the quantitative and qualitative factors involved in their decision-making. Using the Evidence-based Library and Information Practice model, the study found that subjective factors played a large part in their decisions, making it difficult to cancel journals even when quantitative factors provided strong evidence for cancellation.

Heidi Julien and Christine Fena. **Thirty-one Years of the *Canadian Journal of Information and Library Science*: A Content Analysis.** This paper presents results of a content analysis of the *Canadian Journal of Information and Library Science/ La Revue canadienne des sciences de l'information et de bibliothéconomie*. All articles published since 1986 were analyzed for language of publication, number of authors, authors' geographic location, article subject matter, and research methods used in empirical work. Longitudinal trends are noted. These data are compared with earlier descriptions of Information Science in Canada, and with analyses of the work of Canadian scholars in Information Science, to paint a fuller picture of the field as it has matured over the past 31 years.

Philippe Mongeon, Antoine Archambault, and Vincent Larivière. **The concentration of journal use in Canadian universities.** This paper presents the results of an analysis of scholarly journal usage in 22 Canadian universities, sponsored by the Canadian Research Knowledge Network (CRKN). Usage is assessed using citation data, usage data (downloads), as well as survey data. The results show a high concentration of journal usage in Canadian universities and a moderate correlation between the indicators used. We also find a significant overlap between the overall and "core" journal collections between universities.

Valerie Nessel. **Researching the Researchers: Gathering Data on Academics' Use of Technology.** Bonded Design (BD), a participatory design methodology developed by information science

researchers is used for a university-wide initiative, the Faculty IT Liaison Program where faculty members and IT professionals work together as peers in design teams to examine and assess technologies. BD best addresses the requirements of the program: A context where time is a critical factor, collected data is analyzed in situ to inform an iterative process, and where two disparate groups of people with varying areas of expertise need to interact with one another to construct a deliverable that could not be developed on their own.

Greg Nightingale. **A Benjaminian Exploration of Library as Place.** This paper presents the case for using Walter Benjamin's study of modernity, *The Arcades Project*, as theoretical lens through which to consider both the public library as a place and library as place research more generally. The public library, at once a "past become space" and a contemporary institution, is a site of multiple dialectics and transformative thresholds.

Tami Oliphant. **Interpreting mediated quantitative climate data: Insights from information behaviour research.** Using climate change as an example, this conceptual paper explores two issues: the difficulties people have in understanding, interpreting, and responding to quantitative data, and the ways in which, if any, information behaviour research might provide insight into this issue. Data related to climate change were selected because they are often mediated by others with divergent vested interests including media, politicians, NGOs, scientists, and government agencies and because people bring a host of cognitive and psychological biases, worldviews, and beliefs to their perceptions of data and information and consequently, climate change.

Angela Pollak. **A Leaf from Algonquin Park: Preliminary findings of a content analysis of information practice stereotypes in the documentary trail of a world-famous provincial**

park (1890-2018). This longitudinal, retrospective study presents preliminary findings from an in-progress content analysis of the documentary paper trail associated with Algonquin Provincial Park. The project seeks to understand how local residents, visitors and Indigenous people of the Algonquin Park area are represented in published accounts of people who have come into contact with them, and how those representations reflect the actual information seeking behaviors of, and stereotypes associated with, these rural populations.

Dinesh Rathi. **Canadian Public Libraries and their Interest in Open Source Software (OSS).** This study presents findings of research conducted in the Open Source Software (OSS) domain in a Canadian public libraries context. The findings from the survey will provide insight into various facets such as use, benefits and challenges of OSS from Canadian libraries' perspective, OSS evaluation criteria, use of resources to learn about OSS, and decision-making associated with OSS in Canadian libraries context.

Michael Smit, Chantel Ridsdale, and Adrienne Colborne. **Proficient Use of Open Data Requires These Core Information Skills: An Open Data Community Perspective.** Expanding access to open data, such as government data and research data, requires that we consider how citizens and stakeholders can best access the value these data hold. Should individuals rely on an intermediary to create information products from the data, or should they dive in and work with raw data? Building on previous work defining a core set of data literacy skills, we convened a workshop with 34 open data professionals to define the core set of skills for working with open data: "open data literacy". Analysis of their perspectives reveals a focus on non-technical skills, like creativity, curiosity, and critical thinking, as a priority over technical skills like coding and visualization. We describe their perspective in detail, and reflect on the significance of our findings for information professionals.

Hilda Smith. **Knowledge Mobilization: Useful to Grassroots Organizing?** My presentation focuses on the movement of information and knowledge to create social change. I explore whether Knowledge Mobilization (KMb) units could assist grassroots movements in sharing their goals and information with a broader audience. I do so through a textual analysis of a KMb unit social media and publications. Findings suggest that while a KMb does provide a variety of services, they are focused on supporting academics. Thus, it is unclear if connecting with a KMb unit would help a grassroots movement.

Robyn Stobbs. **Narratives of Fact and Fiction: Examining Studies of Information Experience and the Interpretation of Data.** This paper reports on an ongoing pilot study of creative engagement with fictional worlds in order to explore potential contributions of narrative methods and data to the investigation of information behaviour and experience in LIS. A narrative framework can be used to examine the individual, social, and material aspects of information experiences situated in time and space. Such a framework has the potential to contribute detailed understandings of the nature of the experience of information and fiction, and of information experience more generally, to the body of literature on information experience in LIS.

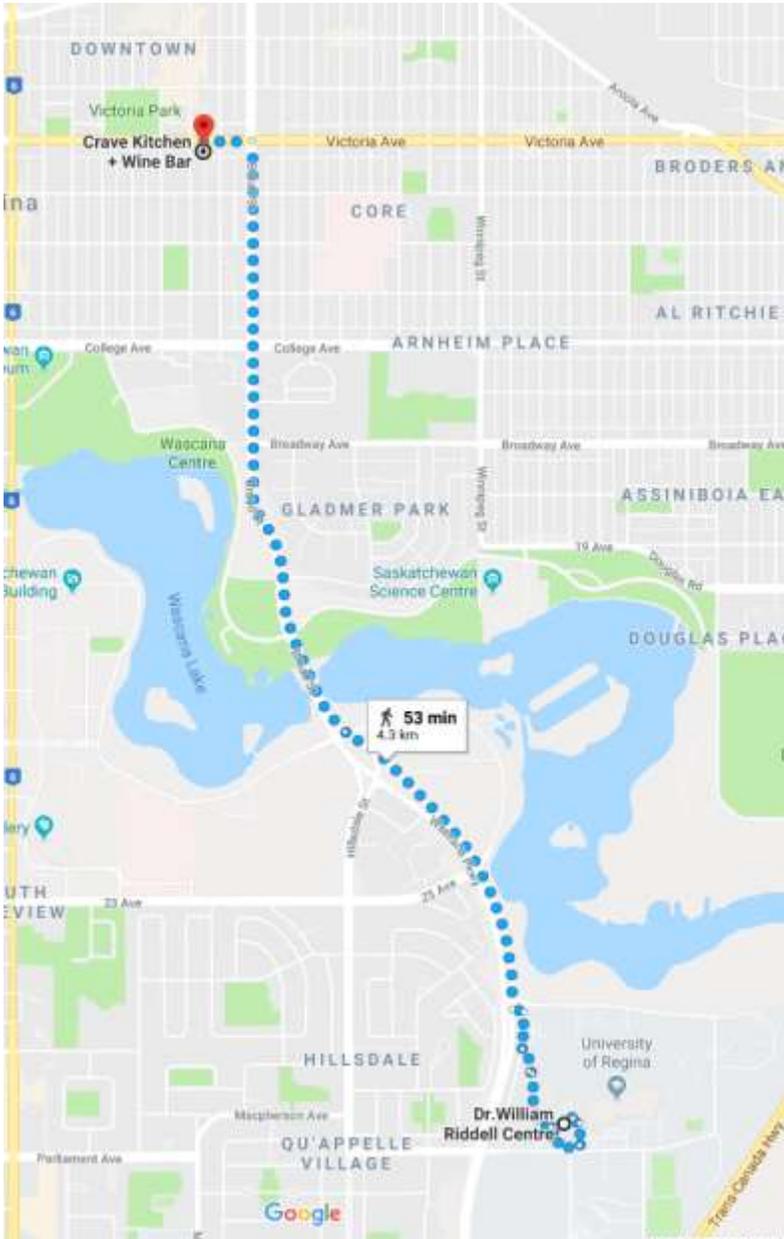
Cheryl Trepanier, Ali Shiri, and Toni Samek. **Ethics: To Do or Not To Do?** This paper compares the 2012 International Federation of Library Associations and Institutions' Code of Ethics for Librarians and Other Information Workers and the 2013 Data Science Association's Data Science Code of Professional Conduct and discusses the disjuncture and related considerations that might strengthen practical understandings of the implications of ethics in library and information professional practice. This paper cautions against conflating a data scientist's ethical framework with those of the traditional librarian and supports the development of a more robust framework for library and information ethics and

a more comprehensive and inclusive framework for thinking about and conceptualizing data ethics.

Amy Vanscoy, Deborah Hicks, and Mary Cavanagh. **Understanding Public Libraries' Conversations: Promises and Challenges of Microblogging Data.** This paper examines the concept of "conversation" on Twitter as expressed by both social media metrics and network analysis. This paper offers a methodology for studying library engagement on Twitter and reflexively critiques the method to probe different discursive styles and technical expressions of "engagement" by Canadian public libraries.

Adam Worrall, Alicia Cappello, and Rachel Osolen. **Balancing Socio-Emotional and Informational Considerations in Social Q&A: The Case of Academia Stack Exchange.** Many frequent social Q&A sites to share information, with social and emotional support often important in continued use of these sites as resources for both information and socialization, but balancing these is not easy. We explored the socio-emotional motivations of users of Academia Stack Exchange and the influence of these on community coherence. Findings identified seven categories of socio-emotional motivations contributing positively or negatively to coherence. Academia SE focuses on being an information resource and on acculturation, learning, and translation, akin to legitimate peripheral participation, but empathetic concerns stress the necessity of further balancing socio-emotional and informational considerations.

Directions to the Banquet
May 30, 2018 6:30-9:00 PM
VENUE: Crave Kitchen + Wine Bar
ADDRESS: 1925 Victoria Avenue
PHONE: 306-525-8777
cravekwb.com



Please purchase your banquet ticket when you register for this year's conference!

Traveling between campus and downtown by **bus** takes about 20 minutes. **Bus transit is complimentary for Congress attendees. Show your Congress badge when you board the bus.**

Board the **3 (Sherwood Estates)** or the **30 (Rochdale Express)** at the main transit hub on the west side of the Riddell Centre.

Disembark from the bus on **Broad Street** near to Victoria Avenue and then make your way west approximately 350 metres to reach Crave Kitchen + Wine Bar.

Traveling by **car** will take about 10 minutes.

Additional options are available here:
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Notes