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
PRELIMINARY CONFERENCE PROGRAM

WELCOME FROM THE CAIS 2018 CONFERENCE CO-CHAIRS

KEYNOTE SPEAKER

CONFERENCE-AT-A-GLANCE
DAY 1 May 30, 2018
DAY 2 May 31, 2018
DAY 3 June 1, 2018

ACKNOWLEDGEMENTS
PROGRAM COMMITTEE

WAY-FINDING
Directions to the CAIS Banquet
WELCOME FROM THE CAIS 2018 CONFERENCE CO-CHAIRS

A message from the chairs coming soon. For now, let us say: welcome to the 46th Annual Conference of the Canadian Association for Information Science (CAIS)!

Sincerely,

Sharon Farnel
Conference Co-Chair
Metadata Coordinator &
Doctoral Candidate,
University of Alberta
sharon.farnel@ualberta.ca

Sarah Polkinghorne
Conference Co-Chair
Doctoral Candidate, Swinburne
University of Technology &
Librarian, University of Alberta
sarah.polkinghorne@ualberta.ca

Ali Shiri
Conference Co-Chair
Professor, School of Library
and Information Studies
University of Alberta
ali.shiri@ualberta.ca
KEYNOTE SPEAKER

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

Title

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00 – 9:00</td>
<td>Light Breakfast <em>(Room: TBA)</em></td>
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<tr>
<td>9:00 – 9:15</td>
<td>OPENING REMARKS <em>(Room: TBA)</em> Conference Co-Chairs, CAIS President, Dinesh Rathi</td>
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<tr>
<td>9:15 – 10:30</td>
<td>KEYNOTE ADDRESS <em>(Room: TBA)</em> Introduction by TBA, Katie Shilton (University of Maryland) <em>Intervening in Big Data Futures: Values, Practices, and Tools for Pervasive Ethics</em></td>
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<tr>
<td>10:30 – 10:45</td>
<td>Refreshment Break <em>(Room: TBA)</em></td>
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<tr>
<td>10:45 – 12:15</td>
<td>SESSION 1 - PRESENTATION OF BEST PAPER AWARDS <em>(Room: TBA)</em> Moderated by TBA</td>
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<td></td>
<td><strong>Best Student Paper (the Student-to-CAIS Award)</strong> Asen Ivanov (University of Toronto) <em>The Analytical Potential of Cultural Meanings: Insights from the Analysis of Evaluation Practices in a Digital News Archive</em></td>
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<td><strong>Best Practitioner Paper</strong> Richard Hayman, Erika E. Smith, and Hannah Storrs (Mount Royal University) <em>Undergraduate Students’ Academic Information and Help-Seeking Behaviours using an Anonymous Facebook Confessions Page</em></td>
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<td><strong>Best Overall Paper</strong> Alexandre Fortier and Elaine Ménard <em>Quelles données satisferaient les utilisateurs de sites web de musées?</em></td>
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<td>12:15 – 1:45</td>
<td>LUNCH BREAK – ON YOUR OWN CAIS Executive Meeting <em>(by invitation only)</em> <em>(Room: TBA)</em></td>
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<tr>
<td>Time</td>
<td>Session Description</td>
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| 1:45 – 3:15  | SESSION 2: Knowledge Organization and Mobilization      | Room: TBA  
Moderated by TBA  
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: TBA  
Moderated by TBA  
Catherine Johnson and Samuel Cassady (Western University)  
*How librarians make decisions: The interplay of subjective and quantitative factors in the cancellation of 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: TBA                                                                 |
### SESSION 4: Information Needs, Practices, and Experiences

**Room:** TBA  
**Moderated by:** TBA

- **Roger Chabot** (Western University)  
  *Life is Suffering: Thrownness, Duhkha, 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:** TBA  
**Moderated by:** TBA

- **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 Nesset** (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
**CAIS Banquet (Pre-Purchased Ticket Required)**  
**DRINKS at 6:30; DINNER at 7:00**  
**VENUE:** Crave Kitchen + Wine Bar  
**ADDRESS:** 1925 Victoria Avenue

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**END OF DAY ONE**
# DAY 2 May 31, 2018

All CAIS sessions take place in the Riddell Centre

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<td>8:30 – 9:30</td>
<td>Light Breakfast <em>(Room: TBA)</em></td>
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| 9:30 – 10:30 | **SESSION 6: Using and Understanding Data**  
*Room: TBA*  
*Moderated by TBA*  

Michael Smit, Chantal Ridsdale, Adrienne Colborne (Dalhousie University)  
*Proficient Use of Open Data Requires These Core Information Skills: An Open Data Community Perspective*

Tami Oliphant (University of Alberta)  
*Understanding quantitative climate data: Insights from information behaviour research* |
| 10:30 – 10:45 | Refreshment Break *(Room: TBA)*                                                                            |
| 10:45 – 11:45 | **SESSION 7: Sexuality, Erotica, and Communities**  
*Room: TBA*  
*Moderated by TBA*  

Davin Helkenberg (Western University)  
*Reading for Alternatives: The Experiences of Young Women Who Read Sexuality-Themed Fiction Online*

Marni Harrington and Heather Hill (Western University)  
*A Post Fifty Shades of Grey Examination of Canadian Public Library Collections* |
| 11:45 – 1:15 | **ANNUAL GENERAL MEETING FOR CAIS**  
*Room: TBA*  
*LUNCH WILL BE SERVED—ALL WELCOME* |
| 1:15 – 2:45 | **SESSION 8: Data, Culture, and Decolonization**  
*Room: TBA*  
*Moderated by TBA*  

Sharon Farnel (University of Alberta)  
*Metadata as Data: Exploring Ethical Metadata Sharing and Access for Indigenous Resources Through OCAP Principles*

Dan Albertson (University at Buffalo)  
*Digital Social Services: From Data Aggregation to Culturally Competent Content*

Danielle Allard (University of Alberta), Shawna Ferris (University of Manitoba), and Kiera Ladner (University of Manitoba)  
*Digital decolonization and activist tagging in the Post-Apology Residential School Database (PARSD)* |
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<tr>
<td>2:45 – 3:00</td>
<td>Refreshment Break <em>(Room: TBA)</em></td>
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<td>3:00 – 6:00</td>
<td><strong>DOCTORAL FORUM—DETAILS FORTHCOMING</strong></td>
<td>TBA</td>
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<td>6:00 – 9:00</td>
<td>CAIS PUB NIGHT</td>
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<td>PRESIDENT’S RECEPTION (CONGRESS EVENT)</td>
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**END OF DAY TWO**
# DAY 3  June 1, 2018

All CAIS sessions take place in the Riddell Centre

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<tr>
<td>9:00 – 10:30</td>
<td><strong>SESSION 9: Data, Ethics, and Current and Future Practices</strong></td>
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<td><em>Room: TBA</em></td>
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<td><em>Moderated by TBA</em></td>
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<tr>
<td></td>
<td>Cheryl Trepanier, Toni Samek, and Ali Shiri (University of Alberta)</td>
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<td><em>Ethics: To Do or Not To Do?</em></td>
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<td>Eva Jansen (University of Toronto)</td>
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<td><em>Metaphors for dealing with data in the workplace</em></td>
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<td>John Budd (University of Missouri)</td>
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<td><em>Whither Physics? Publication Data and the Future of Research in Physics</em></td>
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<td>10:30 – 10:45</td>
<td>Refreshment Break <em>(Room: TBA)</em></td>
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<td>10:45 – 12:15</td>
<td><strong>SESSION 10: Public Libraries</strong></td>
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<td>Greg Nightingale (Western University)</td>
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<td><em>A Benjaminian Exploration of Library as Place</em></td>
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<td>Dinesh Rathi (University of Alberta)</td>
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<td><em>Canadian Public Libraries and their Interest in Open Source Software (OSS)</em></td>
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<td>Amy Vanscoy (University at Buffalo), Deborah Hicks (University of British Columbia), Mary Cavanagh (University of Ottawa)</td>
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<td><em>Understanding Public Libraries Conversations: Promises and Challenges of Microblogging Data</em></td>
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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, 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

<table>
<thead>
<tr>
<th>Isola Ajiferuke</th>
<th>Heather Hill</th>
<th>Tami Oliphant</th>
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<tr>
<td>Dan Albertson</td>
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<td>Sophie Pittalis</td>
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<td>Clément Arsenault</td>
<td>Charles-Antoine Julien</td>
<td>Diane Rasmussen Pennington</td>
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<td>Heidi Julien</td>
<td>Dinesh Rathi</td>
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<td>Sean Burns</td>
<td>Yi Kwan</td>
<td>Paulette Rothbauer</td>
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<td>Grant Campbell</td>
<td>Vincent Larivière</td>
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<td>Lyne Da Sylva</td>
<td>Cory Laverty</td>
<td>Richard Smiraglia</td>
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<td>Nicole Dalmer</td>
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<td>Giovanni Michetti</td>
<td>Adam Worrall</td>
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<tr>
<td>Deborah Hicks</td>
<td>Philippe Mongeon</td>
<td>Dangzhi Zhao</td>
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All CAIS sessions take place in the Riddell Centre (RC)
Directions to the CAIS 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!

There are numerous options for traveling from campus to downtown. Detailed directions coming soon!

Something (just an example!) to whet your appetite: Crave’s Spring Trout from Lake Diefenbaker
Notes