

Information Science in our Communities: Reflections on our Work and the People, Places and Institutions Around Us

University of Calgary - Calgary, Alberta

June 1-3, 2016

44th Annual Conference of the Canadian Association for Information Science



CONFERENCE PROGRAM

CONFERENCE PROGRAM	2
WELCOME FROM THE CAIS 2016 CONFERENCE CO-CHAIRS	3
KEYNOTE SPEAKER	4
CONFERENCE-AT-A-GLANCE	5
DAY 1 June 1, 2016	5
DAY 2 June 2, 2016	7
DAY 3 June 3, 2016	9
ACKNOWLEDGEMENTS	10
PROGRAM COMMITTEE	10
WAY-FINDING	11
Library Tour – Taylor Family Digital Library	11
Social Event – CAIS Banquet	12
PAPER ABSTRACTS (ALPHABETICAL BY FIRST AUTHOR)	13
POSTER ABSTRACTS (ALPHABETICAL BY FIRST AUTHOR)	17

WELCOME FROM THE CAIS 2016 CONFERENCE CO-CHAIRS

Welcome to the 44th Annual Conference of the Canadian Association for Information Science (CAIS).

This year's Congress theme, *Energizing Communities*, was chosen to celebrate community engagement and to recognize the 50th anniversary of the founding of the host, University of Calgary. Engaging communities at the local, regional, and transnational level has been important to the mandate of the University. This year's Congress program reminds us that universities serve not only their educational communities, but also those that support and drive fundamental questions beyond academia. The Big Thinking open sessions will include a mayor, a Chief Justice, a journalist, as well as noted academics. Many association keynote presentations, including our own, will be open to all Congress delegates, and we look forward to the cross-disciplinary interactions this will bring. Information researchers and practitioners understand the social nature of information and that knowledge is created in community. Our CAIS conference theme, *Information Science in our Communities: Reflections on our Work and the People, Places and Institutions Around Us*, challenges us to think about information science at the community level. Whether this is our service to communities, our challenges building research communities or communities of practice, or the technological transformation of communities, the conference is an important opportunity to reflect on our place in and our practice of community building.

For the past two years CAIS has partnered with the Canadian Association of Research Libraries' Librarians' Research Institute to offer our conference. CARL is currently reviewing its research support initiatives including LRI and it was decided not to formally partner this year. However, we continue to welcome professional librarians and we are delighted to also have a number of researcher-librarian collaborations among this year's proposals.

An essential component of the CAIS conference is the double-blind review process. We used the EasyChair system for the submission and review processes. Submissions were sent out to two reviewers who provided written feedback through the system and assessed scores both of the quality of the paper and their own confidence in their area expertise. We are pleased that this year's call for proposals received fifty-two extended abstracts for papers and posters from academics, students, and practitioners. We undertook a review of our previous program committee lists, contacting each to determine whether they were interested in continuing to serve in this capacity, and soliciting additional information about their areas of research expertise. Our final program committee included fifty-five reviewers from a wide range of specializations and interests, enabling us to match each submission to the most appropriate reviewers. The CAIS co-chairs were not required to review any of the submissions ensuring the highest level of impartiality and fairness. We thank the program committee for their diligent service in considering the papers sent to them and for their insightful comments. Twenty-six papers are presented here. We are pleased as well to have a number of fine poster submissions, and we do encourage you to participate in our poster session. Candidates for the Best Paper, Student-to-CAIS, and Practitioner awards were ranked using the EasyChair scores, and top papers were sent for a second review process. We congratulate this year's presenters and offer special recognition to our Student-to-CAIS, Practitioner, and Best Paper Overall award winners.

We would like to welcome you to the 2016 CAIS-ACSI conference in beautiful Calgary, Alberta. We look forward to another great conference!

Sincerely,

David H. Michels
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KEYNOTE SPEAKER

Dr. Jennifer Preece
Professor, College of Information Studies
University of Maryland, USA
@Jenpre



Title **Citizen Science: New Challenges for Information Studies**

Abstract In this period, known as the anthropocene, humans are having a profound influence on the planet, changing the atmosphere we breathe and reshaping the earth's surface, thereby triggering species extinction at an alarming rate.

Information Studies professionals and students can have a profound influence on the data that is collected, how it is stored, retrieved and communicated with citizens and communities. We have a responsibility to help to heal our planet by raising awareness and triggering action. This talk challenges researchers, practitioners, teachers and students to lead the way in shaping a sustainable future. We can change information processes and technology, raise awareness, and engage citizens to contribute to science and their own communities by becoming "citizen scientists."

Biography Jennifer Preece, co-author of *Interaction Design: Beyond Human Computer Interaction* (4th Edition, 2015), helped to define research on online communities through her book *Online Communities: Designing Usability, Supporting Sociability*, 2000. Her current research focuses on information processes and technology for supporting citizen and environmental science; with an emphasis on community participation for collecting biodiversity data. Preece was dean of the College of Information Studies – Maryland's iSchool for ten years from 2005 – 2015. For further information about her career see: <http://ischool.umd.edu/faculty-staff/jennifer-j-preece>

CONFERENCE-AT-A-GLANCE

DAY 1 June 1, 2016

All CAIS sessions take place in or around the
Earth Sciences Building located at 844 Campus Place NW

8:00 – 9:00	Light Breakfast (<i>Room: ES 162</i>)
9:00 – 9:30 PLENARY SESSION	OPENING REMARKS (<i>Room: ES 162</i>) Conference Co-Chair, Angela Pollak CAIS President, Heidi Julien
9:30 – 10:30	KEYNOTE ADDRESS (<i>Room: ES-162</i>) Dr. Jennifer Preece, Professor, University of Maryland Introduction by Angela Pollak, Conference Co-Chair Citizen Science: New Challenges for Information Studies
10:30 – 11:00	Refreshment Break (<i>Room: ES-162</i>)
11:00 – 12:30	PRESENTATION OF BEST PAPER AWARDS (<i>Room: ES-162</i>) Moderated by Heidi Julien, CAIS President Student-to-CAIS Deborah Hicks (UAlberta) <i>Person or Place: The Rhetorical Construction of Librarian and Library by the Information Profession Community.</i> Best Practitioner Paper Lynne Bowker (UOttawa) and César Villamizar (UOttawa) <i>The Embedded Records Manager: A Pilot Study Emphasizing the Importance of Community as a Key to Success.</i> Best Overall Conference Paper Bharat Mehra (UTennessee), Bradley Wade Bishop (UTennessee) and Robert P. Partee (UTennessee) <i>Information Science Professionals as Community Action Researchers to Further the Role of Rural Public Libraries in Small Business Economic Development: A Case Study of Tennessee.</i>
12:30 – 2:00	LUNCH BREAK – ON YOUR OWN
2:00 – 3:00 CONCURRENT SESSIONS	SESSION 1A <i>Room: ES-162</i> Moderated by Rick Szostak Brian Detlor (McMaster), Maureen Hupfer (McMaster) and David Harris Smith (McMaster) <i>Digital Storytelling: An Opportunity for Libraries to Engage and Lead the Community.</i> Lynne Howarth (UToronto) and Lisa Quirke (UToronto) <i>Objects, Identity, Storytelling, and Finding Common Ground.</i>

2:00 – 3:00
CONCURRENT
SESSIONS

SESSION 1B

Room: ES-54

Moderated by Kwan Yi

Keith Lawson (Dalhousie)

Place, Path, and Community: Evaluating Strategies for Mobile Application Creation by Memory Institutions.

Dinesh Rathi (UAlberta) and Lisa M. Given (Charles Sturt)

Use of Technology in Non-Profit Organizations (NPOs) for Knowledge Management.

3:00 – 3:30

Refreshment Break (*Room: ES-162*)

3:30 – 4:30

POSTER SESSION

Room: ICT 101Z

7:00 – 9:00

PRESIDENT'S RECEPTION (CONGRESS EVENT)

EEEL (Energy, Environment, Experiential Learning) Building, 750 Campus Dr. NW

DAY 2 June 2, 2016

8:00 – 9:00 Light Breakfast (Room: ES-162)

9:00 – 10:30
CONCURRENT
SESSIONS

SESSION 2A
Room: ES-162
Moderated by Ryan Whalen

Ali Shiri (UAlberta), Dinesh Rathi (UAlberta), Sandy Campbell (UAlberta Libraries), Sharon Farnel (UAlberta), Cathy Cockney (Inuvialuit Cultural Resource Centre) and Robyn Stobbs (UAlberta)
Methodological Diversity: Community-driven Development of a Digital Library for Northern Communities.

Dinesh Rathi (UAlberta), Ali Shiri (UAlberta), Sandy Campbell (UAlberta Libraries), Robyn Stobbs (UAlberta), Anastasia Piltingsrud, Sharon Farnel (UAlberta) and Cathy Cockney (Inuvialuit Cultural Resource Centre)
Understanding Community Needs: A Step Closer to a Digital Library for Communities in Canada's North.

Michael McNally (UAlberta), Dinesh Rathi (UAlberta) and Rob McMahon (UAlberta)
Community Broadband Portal Initiative.

SESSION 2B
Room: ES-54
Moderated by Alamir Novin

Marina Pluzhenskaya (DalhousieU)
Unlearning as an Integral Part of Knowledge Management: The Nature and Visualizations of the Process.

Iulian Vamanu (Ulowa)
Indigenous Museum Curatorship in North American Societies: A Grounded Theory Approach.

Lisa M. Given (Charles Sturt U) and Dinesh Rathi (UAlberta)
Knowledge Sharing by Canadian Non-Profit Organizations (NPOs) with Community Stakeholders.

10:30 – 11:00 Refreshment Break (Room: ES-162)

11:30 – 12:30
CONCURRENT
SESSIONS

SESSION 3A
Room: ES-162
Moderated by Catherine Johnson

Vivian Howard (DalhousieU) and Heather Reid (Halifax Public Library)
Connecting with Community: The Importance of Community Engagement in Rural Public Library Systems.

Xiaofeng Li (RutgersU) and Ross J. Todd (RutgersU)
Information Practices of Young People at a Public Library Makerspace – A Sense-Making Approach.

11:30 – 12:30
CONCURRENT
SESSIONS

SESSION 3B

Room: ES-54

Moderated by Deborah Hicks

Pam McKenzie (UWO) and Nicole Dalmer (UWO)

Creating Communities of Care: Delineating Work in the Information-care Relationship.

Peta Wellstead (Freelance)

Information Seeking to Support Personal and Community Wellbeing: Report of a Study of New Zealand Men Using Focus Groups.

12:30 – 2:00

LUNCH BREAK – ON YOUR OWN

CAIS Executive Meeting, Room: ES 54 (by invitation only) – 12:30 – 2:30

2:00 – 3:00
CONCURRENT
SESSIONS

SESSION 4A

Room: ES-162

Moderated by Vivian Howard

Rick Szostak (UAlberta)

Poly-coordination.

Richard Smiraglia (UWisconsin) and Joshua Henry (UWisconsin)

Film Music Cues: Visualizing Social Reality Through Music and Film.

SESSION 4B

Room: ES-54

Moderated by Heidi Julien

Ryan Whalen (Northwestern U) and Noshir Contractor (Northwestern U)

Citation Distance: Measuring Knowledge Translation, Integration, Diffusion & Scope.

3:00 – 3:30

Refreshment Break (Room: ES-162)

3:30 – 4:30

Library Tour

Taylor Family Digital Library (TFDL), led by Leanne Morrow

(See <http://tfdl.ucalgary.ca/> for more info about this 24,000 m² state of the art facility)

Meet in the main foyer on the main floor of TFDL Library. (Map on page 11)

6:00 – 9:00

CAIS Banquet (Pre-Purchased Ticket Required)

VENUE: Brasserie Kensington Calgary

ADDRESS: 1131 Kensington Rd NW, Calgary, AB T2N 3P4

DAY 3 June 3, 2016

8:00 – 9:00	Light Breakfast (Room: ES-162)
9:00 – 10:30	SESSION 5 (Room: ES-162) Community Engagement Forum: Calgary Central Library Project Ellen Humphrey, Deputy CEO, Calgary Public Library
10:30 – 11:00	Refreshment Break (Room: ES-162)
11:00 – 12:30 CONCURRENT SESSIONS	SESSION 6A <i>Room: ES-162</i> Moderated by Richard Smiraglia Kwan Yi (E. Kentucky U), Tao Jin (Louisiana U) and Ping Li (Queens College, NY) <i>Research Activities and Networks in CAIS Conferences for the Period of 1993-2015: Social Network Analysis.</i> Adèle Paul-Hus (UMontreal), Philippe Mongeon (UMontreal) and Fei Shu (McGill U) <i>Portraying the Landscape of Canadian Library and Information Science Research.</i> Heidi Julien (U. NY at Buffalo) <i>Forty-Six Years Young: A Checkup for the Canadian Association for Information Science.</i> SESSION 6B <i>Room: ES-54</i> Moderated by Madelaine Vanderwerff Alamir Novin (UBC) and Eric Meyers (UBC) <i>Controversial Search Engine Results: An Exploratory Study of Information Presentation and Use.</i> Catherine Johnson (UWO) <i>Historians' Response to the Implementation of the Canadian Access to Information Act and Privacy Act: Is it Working Any Better Now?</i> Brenda Chawner (Victoria U Wellington) and Eric Boamah (Open Polytechnic) <i>From Conference to Community: The Evolution of the New Zealand National Digital Forum.</i>
12:30 – 2:00	ANNUAL GENERAL MEETING FOR CAIS <i>Room: ES-162 - LUNCH WILL BE SERVED—ALL WELCOME</i>

ACKNOWLEDGEMENTS

We thank our many volunteers for their support in preparing for the 2016 CAIS conference. Thank you especially to the CAIS executive for providing ongoing resources; Madelaine Vanderwerff for her on-site assistance in Calgary and for arranging the banquet; to Christian Allègre, Adèle Paul-Hus and Philippe Mongeon for their assistance with translation, and to previous co-chairs Mary Cavanagh and Matthew Griffis for answering our many questions. Additional thanks to Alamir Novin for volunteering, and our sincere appreciation to Sarah Polkinghorne for developing the conference website.

We also wish to acknowledge the contributions and assistance of the following individuals.

PROGRAM COMMITTEE

Isola Ajiferuke
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Bruno Bachimont
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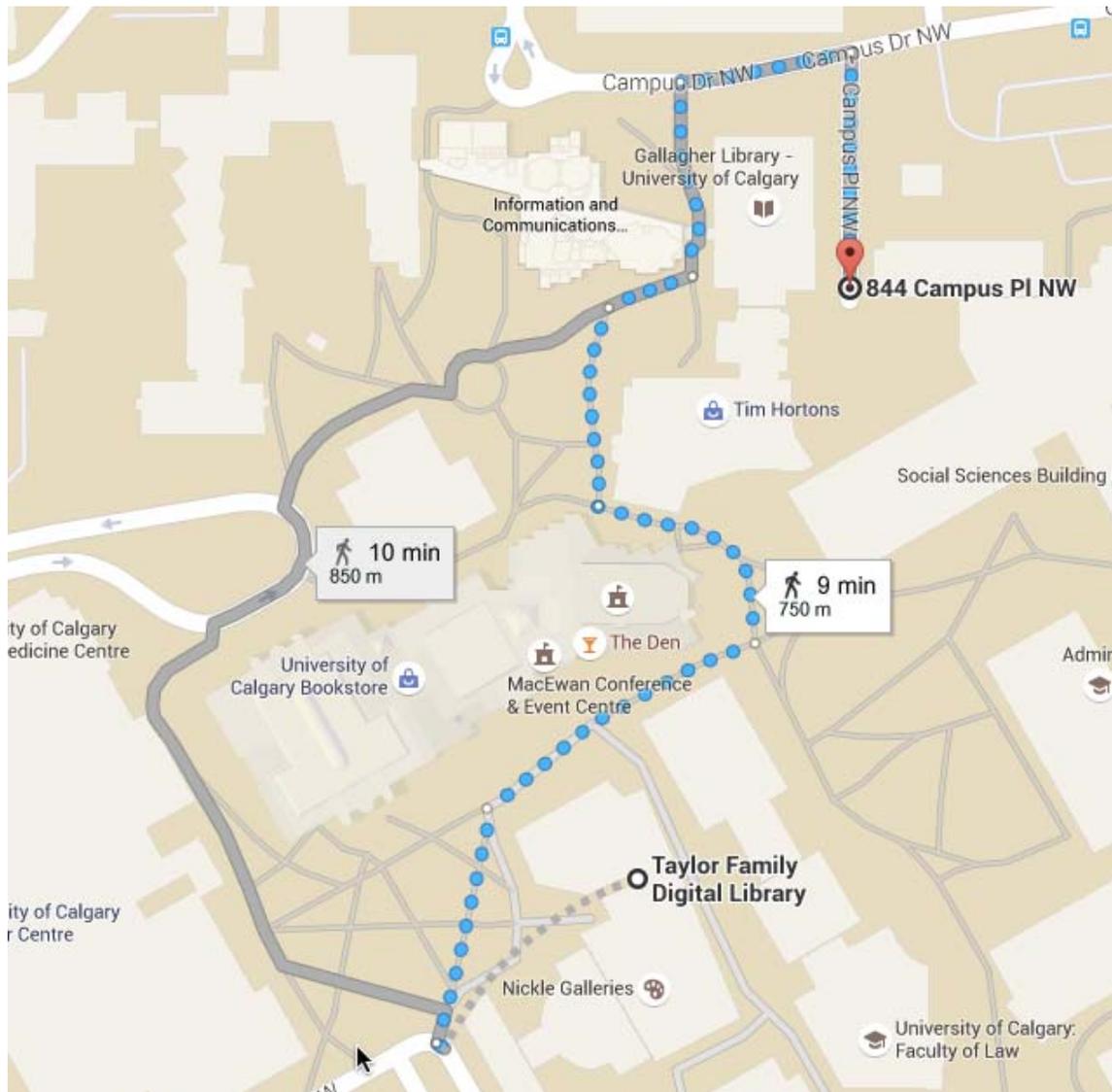
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Richard Smiraglia
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Sandra Toze
Dietmar Wolfram
Luciana Xiao
Kwan Yi

WAY-FINDING

All CAIS sessions take place in or around the Earth Sciences Building located at 844 Campus Place NW

Directions to the Library Tour – Taylor Family Digital Library

June 2, 2016 3:30-4:30 PM



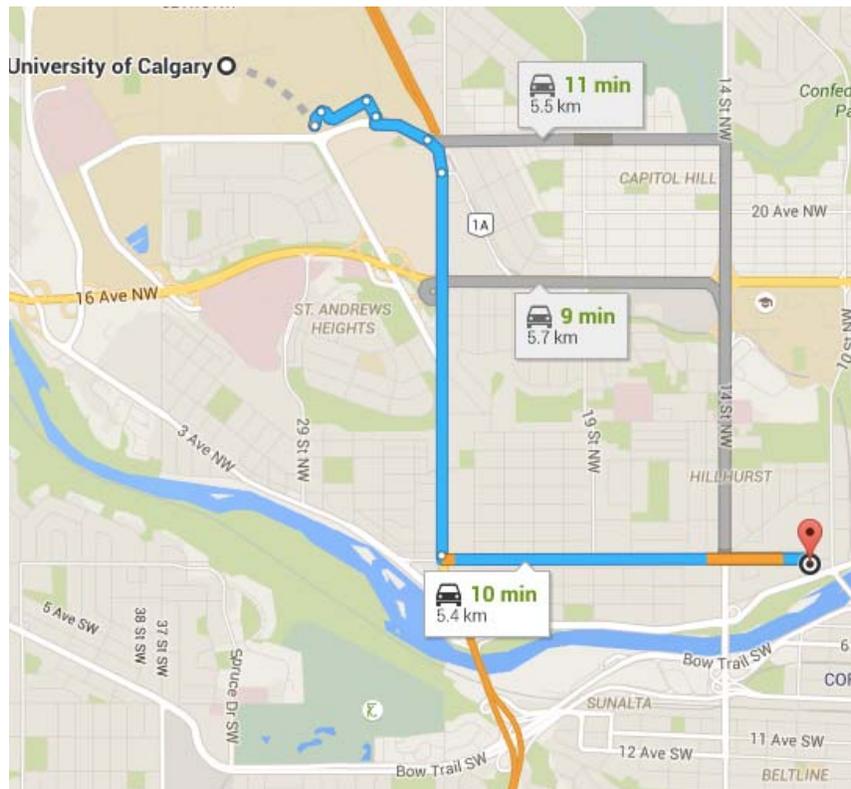
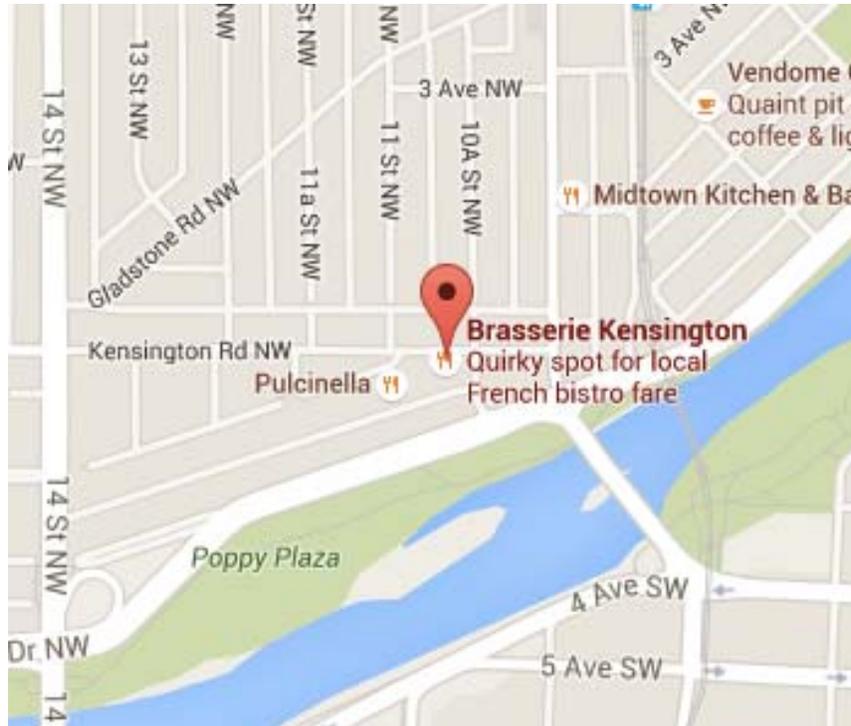
Directions to the Social Event – CAIS Banquet

June 2, 2016 6-9 PM

VENUE: Brasserie Kensington Calgary

ADDRESS: 1131 Kensington Rd NW, Calgary, AB T2N 3P4

PHONE: (403) 457-4148



PAPER ABSTRACTS (alphabetical by first author)

Lynne Bowker and César Villamizar. **The Embedded Records Manager: A Pilot Study Emphasizing the Importance of Community as a Key to Success.**

The paper begins with a brief institutional context, including a summary of the main information management challenges facing the Faculty of Graduate and Postdoctoral Studies team. This is followed by a brief analysis of some potential solutions that were explored and the rationale for eventually selecting an embedded information professional. Next, we review some relevant literature and identify seven key criteria for successfully embedding an information professional, with a particular emphasis on those criteria concerned with community-building.

Brenda Chawner and Eric Boamah. **From Conference to Community: The Evolution of the New Zealand National Digital Forum.**

This paper will identify key stages in the evolution of the National Digital Forum, using a community of practice framework; it will also identify examples of good (and not so good) practice for community development. Data were drawn primarily from NDF conference programmes and archived versions of the NDF website, combined with the authors' reflections on their own experiences of the NDF community and activities.

Brian Detlor, Maureen Hupfer and David Harris Smith. **Digital Storytelling: An Opportunity for Libraries to Engage and Lead the Community.**

This paper describes a case study investigation of the "Love Your City, Share Your Stories" digital storytelling initiative in Hamilton, Ontario. Data collection involved one-on-one interviews, document review, and participant observations with governance stakeholders from the Hamilton Public Library, McMaster University Library, and the City of Hamilton.

Lisa M. Given and Dinesh Rathi. **Knowledge Sharing by Canadian Non-Profit Organizations (NPOs) with Community Stakeholders.**

This paper presents results of a nation-wide online survey of Canadian Non-Profit Organizations (NPOs) on their knowledge sharing approaches when engaging with the general public, including volunteers and other community stakeholders. The findings presented in this paper are based on qualitative and quantitative data analyses of over 1200 responses received. The findings reveal that NPOs use different approaches such as emails, text-messaging, formal and informal in-person interactions and social media to share knowledge with various community stakeholders.

Deborah Hicks. **Person or Place: The Rhetorical Construction of Librarian and Library by the Information Profession Community.**

The rhetorical construction of place plays a central role in librarians' identity repertoires. As librarians construct their professional identity they use the rhetorical device of metonym to refer to themselves as the "library." This metonymic slippage allows librarians to lay claim to the library as their exclusive professional domain.

Vivian Howard and Heather Reid. **Connecting with Community: The Importance of Community Engagement in Rural Public Library Systems.**

Urban public library systems have been the primary focus of study for community engagement and community-led approaches. Nova Scotia is largely rural and sparsely populated, with a dwindling and aging rural population. This presentation examines how community engagement can connect Nova Scotia's rural public libraries with their communities.

Lynne Howarth and Lisa Quirke. **Objects, Identity, Storytelling, and Finding Common Ground.**

While research literatures focused on memory and storytelling address the role of objects relative to (1) individual self-narrative and the expression of identity, and (2) group narrative and the expression of communal identity, the link between individual and group narrative and identity as afforded by objects does not appear to have been made, either explicitly, or as a locus of formal study. This paper will report on outcomes from the first of a multi-phase study exploring the role of objects in negotiating individual identity within a group context, where the articulation of a common identity is mandated by a coordinated, communal assembly or collaborative curation of objects – a community “display case” in the form of a public exhibition at a neighbourhood library.

Catherine Johnson. **Historians’ response to the implementation of the Canadian Access to Information Act and Privacy Act: Is it working any better now?**

In 1983 Canada passed the Access to Information (ATIA) and Privacy Acts. The acts were intended to regulate access to government information and to provide a process of access that everyone had to follow. Initially concerns were raised among Canadian historians about whether it would make information more accessible or in fact, make access more complicated than it was before. This paper examines initial responses to the Acts through the examination of the research papers of historians Reg Whitaker and William Kaplan, which they compiled during the course of research for two books on domestic and international security issues during the Cold War.

Heidi Julien. **Forty-Six Years Young: A Checkup for the Canadian Association for Information Science.**

This paper presents results of a survey to ascertain the value of the Canadian Association for Information Science (CAIS), its annual conference, and its journal. Data suggest that CAIS fulfills some of its stakeholder’s expectations, but improvements are recommended particularly for the structure of the conference.

Keith Lawson. **Place, Path, and Community: Evaluating Strategies for Mobile Application Creation by Memory Institutions.**

Memory institutions want mobile apps to be able to connect items in their collections or specific historical events to specific geographic locations. They also want mobile apps to be able to mediate tours extending across a series of related locations, and to create an experience of community for users. Using a range of research from tourism studies, game studies, and mobile interface theory, this paper assesses these goals and concludes that mobile applications are extremely well suited to connect user, place, and historical event or object.

Xiaofeng Li and Ross J. Todd. **Information Practices of Young People at a Public Library Makerspace – A Sense-Making Approach.**

The purpose of this research was to understand how young people interact with information at a public library makerspace as well as the opportunities and challenges emerged in their participation. Dervin’s Sense-Making theory and methodology were employed in framing the research questions, data collection and analysis. Findings highlighted the informal learning opportunities of a makerspace, challenges that occurred during the making phase, information and help seeking from iterative trial and error as well as interpersonal resources. Implications for information professionals at public library makerspaces are discussed.

Pam Mckenzie and Nicole Dalmer. **Creating communities of care: Delineating Work in the Information-Care Relationship.**

Caregiving is fundamental to our capacity to live in community yet the work involved in care provision is easily overlooked. This case study explores the information-care relationship while making visible the information work needed to coordinate a community of care for an older adult with Alzheimer’s disease.

Michael McNally, Dinesh Rathi and Rob McMahon. **Community Broadband Portal Initiative.**

The library profession has been actively involved in the provision of public access to broadband. Through analysis of policy documents from Canada we examine the roles libraries play in government strategies and programs for provision of broadband and how that role diminishes over time.

Bharat Mehra, Bradley Wade Bishop and Robert P. Partee. **Information Science Professionals as Community Action Researchers to Further the Role of Rural Public Libraries in Small Business Economic Development: A Case Study of Tennessee.**

This paper briefly discusses the involvement of information science professionals as community action researchers in a planning grant entitled “The Role of Rural Public Libraries in Small Business Economic Development in the Appalachian Region: A Case Study of Tennessee” awarded by the Institute of Museum and Library Services’ National Leadership Grants for Libraries to the School of Information Sciences at the University of Tennessee.

Alamir Novin and Eric Meyers. **Controversial Search Engine Results: An Exploratory Study of Information Presentation and Use.**

The manner in which search results are presented to a user may influence how they come to understand scientific information. Sixty participants were asked to read a mock search engine's result page with the goal of summarizing a science topic for a colleague. The researchers analyzed participants’ summaries for the presence of conflicting or negating information from the mock search results page. Preliminary findings indicate that the way in which a search engine displays results can influence a user's understanding of a controversy, particularly document order and genre, which affected the quality of participants’ written responses.

Adèle Paul-Hus, Philippe Mongeon and Fei Shu. **Portraying the Landscape of Canadian Library and Information Science Research.**

This paper provides a global portrait of the current Canadian Library and Information Science (LIS) research community. Looking more specifically at disciplines and country affiliations of co-authors, and research topics of faculty members, our results depict a mostly national and LIS-oriented community of collaboration.

Marina Pluzhenskaya. **Unlearning as an Integral Part of Knowledge Management: The Nature and Visualizations of the Process.**

Information and knowledge are sacred words for information professionals. The idea of deliberately losing information or knowledge may seem counter-intuitive to many of us. When we consider knowledge, we first of all focus on such “creative” processes as knowledge discovery, constructions, sharing, recycling, etc., and often skip the somewhat “negative” process of “forgetting”. Most people would say that we do not need to focus on the latter, that the nature of human cognition takes care of that. We need lots of efforts to learn, to memorize, and to build our knowledge while forgetting is easy. It just happens, and, unfortunately, much “more effectively” than we would like. But is it true? Is it really easy?

Dinesh Rathi and Lisa M. Given. **Use of Technology in Non-Profit Organizations (NPOs) for Knowledge Management.**

This paper explores results of a survey that documented tools and technologies used to manage knowledge in Canadian non-profit organizations (NPOs). Findings demonstrate that NPOs, across various types of organizations, use both non-computer (e.g., print documents) and computer-based solutions to manage knowledge. Examples of tools/ technologies used include donor management software, email-based systems for communication and marketing, and some specific tools relevant to their areas of operations.

Dinesh Rathi, Ali Shiri, Sandy Campbell, Robyn Stobbs, Anastasia Piltingsrud, Sharon Farnel and Cathy Cockney. **Understanding Community Needs: A Step Closer to a Digital Library for Communities in Canada’s North.**

This paper provides insight into the findings from a survey conducted with community members in the Inuvialuit Settlement Region (ISR) in Canada’s North. The survey was conducted to develop a deeper understanding of needs and information seeking behaviour of users in ISR. The findings from the survey will be useful in developing a digital library (DL) platform for communities in ISR.

Ali Shiri, Dinesh Rathi, Sandy Campbell, Sharon Farnel, Cathy Cockney and Robyn Stobbs. **Methodological Diversity: Community-driven Development of a Digital Library for Northern Communities.**

The objective of this paper is to report on a community-driven methodological framework developed for the exploration and development of a digital library for northern communities. More specifically, this paper addresses methodological approaches and techniques for studying the communities in the Inuvialuit Settlement Region in Canada's north.

Richard Smiraglia and Joshua Henry. **Film Music Cues: Visualizing Social Reality Through Music and Film.**

Taxonomies may contain functional vocabulary and display relationships among concepts to facilitate the work of a domain. Silent film music is a work-based genre of musical performance. Musicians worked from cue-sheets of musical terms. This paper describes the conversion of a working list of musical cues into a taxonomy. Results show the taxonomical differences that arise from a work-based vocabulary. Also, the social realities of the time are reflected in this vocabulary of music for silent film from the 1920s.

Rick Szostak. **Poly-coordination.**

A structured approach to synthetic classification is feasible and allows us to achieve the best of both pre-coordination and post-coordination. In particular it allows both precision and ease of use. Poly-coordination is particularly well-suited to visualization technologies. It links classification research with information retrieval.

Iulian Vamanu. **Indigenous Museum Curatorship in North American Societies: A Grounded Theory Approach.**

This paper reports on a qualitative study of Indigenous museum curatorship in North American societies. Through Grounded Theory analysis of interviews with Indigenous museum curators from Canada and the United States, it explores the roles of Indigenous curators and their interactions with Native artists, tribal communities, and various museum audiences. The paper gives voice to an under-researched community of information professionals.

Peta Wellstead. **Information-seeking to Support Personal and Community Wellbeing: Report of a study of New Zealand Men Using Focus Groups.**

This paper reports part of an ongoing study exploring the information behaviour of New Zealand men during

periods of diminished health and wellbeing. Focus groups were used for this iteration of the study. Results indicate that New Zealand men face both personal and structural constraints to their information-seeking during periods when their health and wellbeing may be compromised. This study highlights that service providers need to develop more effective information delivery mechanisms and support services for men. These services need to be appealing to men and reflect men's information-seeking preferences. The role of LIS professionals in supporting this endeavour is discussed.

Ryan Whalen and Noshir Contractor. **Citation Distance: Measuring Knowledge Translation, Integration, Diffusion & Scope.**

We propose citation measures that weight the relationships between publications based on their semantic similarity. Measuring the semantic similarity between over 5 million patents and over 52 million citations, we define and demonstrate four distinct metrics that measure: knowledge translation, knowledge integration, knowledge diffusion, and knowledge scope. Applying these measures provides novel empirical demonstrations of how the research environment has changed in recent decades, showing that researchers have drawn from increasingly distant knowledge sources, and that knowledge diffusion has occurred at an ever-accelerating pace. These citation distance measures show substantial promise in furthering our understanding of the research process and improving our assessment of scientific impact.

Kwan Yi, Tao Jin and Ping Li. **Research Activities and Networks in CAIS Conferences for the Period of 1993-2015: Social Network Analysis.**

Since 1973 the Canadian Association for Information Science (CAIS/ACSI) has consecutively held 43 annual conferences. The purpose of this study is to better understand the research and collaborative activities in the community of CAIS conferences, based on a social network analysis (SNA) approach. A total of 827 papers from 778 authors have been presented in CAIS for the period of 1993 to 2015, in association with 209 different organizations and 25 countries. A component analysis that has been applied to the collaboration network has discovered research collaboration patterns. This study contributes to discovering collaborative research activities and formation through the CAIS conference and to the literature of the scientific collaboration in the LIS field.

POSTER ABSTRACTS (alphabetical by first author)

Banafsheh Asadi and Charles-Antoine Julien. **Controlled Vocabulary in Online Image Retrieval Resources.**

This study investigates 116 online image retrieval interfaces (sites) to reveal the use of CVs in current systems. Findings show that 73% of the investigated sites provide a CV-enhanced retrieval; 62% are commercial sites that use localized-CVs while 11% are cultural resources that use an established-CV such as the Library of Congress Subject Headings (LCSH).

Bradley Bishop. **Examining Data Provenance in the Digital Biocollections Community.**

This study explores data provenance and related issues in the digital biocollections community. In the emergent and large community of data scientists, biocollections presents unique challenges to establishing data provenance. For science to advance, legacy data in museum collections and born digital data need to be discoverable for scientists to study what causes species to migrate, go extinct, or evolve over long time periods with data from around the world. The participants in the study included scientists managing digital biocollections that were asked questions to create geospatial data curation profiles (DCP).

Leanne Bowler, Heidi Julien, Valerie Nessel and Samuel Abramovich. **The Family as a Community of (Digital) Practice.**

Family digital literacy is discussed in the context of a Community of Practice. Informed by the literature, a study investigating existing family digital practices and the use of the participatory design methodology of Bonded Design and digital badges to encourage and enhance family digital literacy is proposed.

Michael McNally, Dinesh Rathi, Jennifer Evaniew and Yang Wu. **Analysis of Broadband Policy in Relation to Rural and Remote Communities.**

This poster provides an overview of a Social Sciences and Humanities Research Council funded research project examining broadband policy. The project aims to identify best practices in broadband policy for overcoming the digital divide by a longitudinal analysis of Canadian federal and provincial broadband policy documents as well as an international comparison with select similar countries.

Miraida Morales and Sarah Barriage. **Readability of Informed Consent Forms: Analysis and Recommendations for Development of Consent Forms for Use with Communities with Limited or Low Literacy.**

This poster presents a pilot study that analyzed a small corpus of informed consent forms used in research with children, adolescents, and adult early readers using Coh-Metrix, a readability measurement tool. Recommendations for increasing readability of consent forms in order to improve the informed consent process are also provided.

Dinesh Rathi, Ali Shiri, Sandy Campbell, Sharon Farnel, Robyn Stobbs and Cathy Cockney. **An Emerging Digital Library Platform for Canada's North.**

Digital libraries (DLs) play a crucial role in both reducing barriers, such as spatial barriers, and increasing our ability to provide access to content particularly to remote users with access to the Internet. The proposed work on a digital library for communities in Canada's North is a step in this direction. This poster will provide an overview on the progress and development of a DL and present key findings including lessons learned during the course of this research work.

Adam Worrall. **Energizing Engagement and Motivation in Information-Centric Online Communities: LibraryThing, Goodreads, and the Importance of Boundary Spanning.**

This paper focuses on key implications for engagement and motivation in online communities from a study of LibraryThing and Goodreads and the roles they play as boundary objects in existing and emerging communities. The design, development, leadership, and administration of information-centric online communities should highlight and facilitate the creation and sharing of translation processes and resources; make clear expressions of and continually negotiate community norms, values, and normative behaviours; and support and facilitate—but not force—social tie formation and everyday life information behaviour.

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