

# Bibliometric & Research Impact Community of Practice (full schedule)

Wednesday May 31st, 2017

MacOdrum Library, Carleton University, Ottawa, Ontario

Location: Room 252



**8:30 am - 9:00 am**

**Arrive & meet other attendees**  
**Coffee/tea/light snacks will be available!**



**9:00 am - 9:15 am**

**Welcome and overview of the day**  
*George Duimovich, Shannon Gordon, Eve Richard*



**9:15 am - 10:15 am**

**Theme: Aggregating different levels of bibliometric & research impact (BRI) data**

*Moderator: George Duimovich, Carleton University*

***Bibliometric & research impact support at Concordia University Library***

*Krista Alexander, Concordia University*

*Sean McLaughlin, Concordia University*

This session will detail the current state of bibliometric and research impact support at Concordia University Library - where it started, how our process has changed over the years, and the nature of the support being offered to different departments and researchers at our institution.

***Healthy partnership: Assessing engineers' and physicians' collaborations***

*Élise Anne Basque, Polytechnique de Montréal*

Polytechnique Montréal was awarded a grant of 35,6 M\$ in the Canada First Research Excellence Fund competition to create the TransMedTech Institute, inaugurated in May 2017. The library took part in establishing the scientific merit of Polytechnique Montréal and its partners in biomedical technologies, providing bibliometric data for our individual expert researchers and for our institution. An essential part of the grant application was to establish the growing partnership between Polytechnique Montréal's engineers and several physicians doing research.

***Is that good? The use of bibliometrics and research impact data for decision support in a research hospital setting***

*Ruth Cawdron, University Health Network*

Quantitative reporting of publication and other research activity data has been a longtime mainstay at the University Health Network. This scope of Canada's largest Research Hospital has required the development of a customizable and scalable approach to address diverse needs and an evolving landscape.



**10:15 am - 10:30 am**

**Break**



**10:30 am - 11:15 am**

**Lightning talks: Contextual stories about our users**

*Moderator: Jane Burpee, McGill University*

***BRI & the international landscape – a snapshot***

*Rosarie Coughlan, Queen's University*

***Bibliometrics at ÉTS Library: Opportunities that lead to polyvalent services***

*Held De Souza, École de technologie supérieure (ÉTS)*

***Narratives from networks: Telling stories with citations***

*Jeffrey Demaine, MLIS*

***Above and beyond the journal impact factor: Clarivate's unique and normalized metrics following the principles of the Leiden Manifesto***

*Marisa Ruccolo, Clarivate Analytics*

***Measuring the observable influence of health-related research within and beyond academia (OIWABA)***

*Christopher Manuel, Canadian Institutes of Health Research (CIHR)*



**11:15 am - 12:15 pm**

**Theme: BRI information literacy for diverse campus stakeholders**

*Moderator: Shannon Gordon, University of Waterloo*

***Bibliometric & research impact information literacy: Where we're at and where we're going***

*Krista Alexander, Concordia University*

This session will touch upon four different aspects of library service currently in place at Concordia University, aimed at improving staff, student and faculty awareness and understanding with respect to bibliometrics and research impact.

***First encounter: Health Sciences undergrads meet research impact metrics***

*Natalie Clairoux, Université de Montréal*

How do health sciences undergrads learn about research impact metrics? At Université de Montréal, students from four B.Sc. programs (biomedical sciences, neurosciences, biochemistry and bioinformatics) discover bibliometrics from a librarian's point of view.

***Research intelligence tools: Piloting the pertinence of an alternative measurement framework***

*Maria Teresa Fernandez de Castro, Natural Resources Canada*

The Government of Canada has been exploring available options like those tested in this pilot to support evidence-based decisions. The multiple players involved in the related reporting and measuring activities need to reconcile traditional values and approaches with emerging metrics, social media, different ways of doing science, expectations of government, and ultimately Canadians, about the impact and value of tax-payer funds invested in science. Challenges that from my perspective have common threads for science outside of government as well.



**12:15 pm - 1:30 pm**

**Complimentary lunch provided by event**



**1:30 pm - 2:30 pm**

**Theme: Reflecting on unique BRI metrics**

*Moderator: Held De Souza, École de Technologie Supérieure*

***Identifiers, repositories & metrics***

*George Duimovich, Carleton University*

Using practical, real world examples, we'll explore the critical role of identifiers in bibliographic data, how they can be used to support current research & repository requirements, and how identifiers can help us support research metrics.

***Bibliometric indicators for Law professors***

*Eve Richard, Université Laval*

Which bibliometric indicators are pertinent to Law professors? A project was developed for the Law Faculty in Laval University to provide data professor could use as justification for award candidacy and tenure application.



**2:30 pm - 3:30 pm**

**Theme: Ethics & raising awareness of BRI issues (panel)**

*Moderator: Jane Burpee, McGill University*

*Heloise Emdon, Carleton University Research Office (CURO)*

The research office has a unique view on faculty requirements, especially around applications, grants, reporting and support for research administration. This presentation will highlight some of the issues and insights gained from the research impact perspective.

*Shannon Gordon, University of Waterloo*

In 2016 the University of Waterloo published the white paper "[Measuring Research Output through Bibliometrics](#)", which offered several [recommendations](#) on how to use this type of data. As one of the document's authors, Shannon will reflect on how the recommendations drive best practice for local research impact projects; for example: working with research productivity data viewed as highly sensitive and confidential, and ensuring that those captured by the data have the opportunity to participate in the process.

*Alexandra Kohn, McGill University*

Alex will discuss some of the ethical questions she encountered in her Research Support work with bibliometrics and will provide some context on the impact of those questions and related issues in the UK, where the role of metrics in the [Research Excellence Framework](#) has been [hotly debated](#).



**3:30 pm - 3:45 pm**

**Break**

**Coffee/tea/light snacks will be available!**



**3:45 pm - 4:45 pm**

**Looking ahead**

*Moderators: Eve Richard, George Duimovich*

***Group discussion on the future of this community of practice***



***This event is generously sponsored by:***



# Biographies

## Organizing Committee

**Jane Burpee**, is a librarian and Coordinator of Data Curation and Scholarly Communications at *McGill University*. She speaks out on issues related to open access, open science, researcher identity management, data management and the future of scholarly publishing. She is an active member of the IFLA (International Federation of Library Associations) Knowledge Management Standing Committee. @kjane is an active tweeter.

**Held De Souza** is a librarian at *École de technologie supérieure (ÉTS)* since 2014, where she perform bibliometric services to meet institutional and researchers needs. She obtained her LIS master at *Université de Montréal* with a dissertation about a bibliometric study of the contribution of Canadian postdocs to the advancement of knowledge. She also integrated the Observatory of Science and Technology team, where she participated in the development of bibliometric reports in a professional perspective. Her interests are research evaluation, metrics associated with research excellence and publication practices among fields.

**George Duimovich**, works as a systems librarian and department head for the systems team at MacOdrum Library, Carleton University, where the group focusses on digital initiatives, and technology support for a wide range of library systems and services.

**Shannon Gordon's** portfolio as a Bibliometrics & Research Impact Librarian explores bibliometric data at the discipline and university levels with projects driven by the University of Waterloo's Strategic Plan, Working Group on Bibliometrics, university rankings data, and requests from various on-campus units. Shannon's position is highly collaborative as it involves reporting to the Library, and working closely with the Office of Research and Institutional Analysis and Planning.

**Eve Richard** has a Bachelor degree in Forestry from Laval University and a Master degree in Library and Information Science from McGill University. Liaison librarian for the Botany & Forestry collections since 2006, she is now in charge of developing an expertise at Laval Library in Bibliometric & Research Impact for the university community.

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## Speakers

**Krista Alexander** is a subject librarian at Concordia University. More recently she has contributed to the Library's efforts with respect to bibliometrics and research impact.

**Élise Anne Basque** has a bachelor's degree in mathematics and a master's degree in Information Sciences from Université de Montréal and a bachelor's degree in education from University of Ottawa. For the past six years, she has been a Science and Engineering Librarian at Polytechnique Montréal, specializing in mathematics, biomedical engineering, and physics engineering. At the Polytechnique Library, she is currently in charge of bibliometrics and is the Statistics Canada DLI contact. She gives many information literacy classes for graduate and undergraduate students.

**Ruth Cawdron** joined UNH in 2001. Her focus is on designing metrics and tools to support UHN strategic planning and meet the accountability requirements of UHN Research. This includes developing scalable frameworks for the quantitative assessment of research activity and publication impact relevant for diverse fields of research. Additionally, Ruth manages UHN Research service evaluation initiatives (user satisfaction, benchmarking, feedback surveys, etc.). Ruth received her Master's degree in Sociology from Queen's University, and also has a background in clinical research (Hamilton Health Science Centre).

**Natalie Clairoux** holds Masters' degrees in Microbiology-Immunology (1992) and Library and Information Science (2008). Her duties at *l'Université de Montréal* include reference, library instruction and web coordination. Her expertise also comprises scholarly communication, research data management and social media use in health sciences. She is active on Twitter (@natalieclairoux).

**Rosarie Coughlan** is Scholarly Publishing Librarian at Queen's University. In this role she manages the institutional research repository – QSpace, which archives all graduate theses, as well as providing support and advocacy to the Queen's community on research metrics, academic publishing, funder open access policies and other related areas. Before joining Queen's Rosarie was Information Literacy Librarian at Concordia University coordinating support for teaching and learning via the Library. Prior to this she worked as Research Support Librarian at the National University of Ireland, Galway, supporting strategic research units across the university in key areas of research performance measurement, scholarly communications, open access publishing and Information literacy.

**Jeffrey Demaine** was a Systems Librarian at CISTI twenty years ago. He transitioned to research in Information Science at the National Research Council. He has been involved in a range of projects revolving around visualization and metadata. From a virtual museum of Inuit sculptures in 3-D to a digital library that leverages citation patterns to showcase groundbreaking articles, Jeff has developed interactive applications to enable the exploration of data. In particular, Jeff has applied Social Network Analysis techniques to the identification of patterns in citation networks to reveal the dynamics of science. In 2011, he worked for the iFQ research lab in Germany where he developed an automated technique for author disambiguation based on co-citations. Most recently Jeff was the representative for ExLibris in

Canada. He thinks that this is an exciting time to be a librarian because whether it be the shift to e-Scholarship, the need for digital preservation, or linked data, the challenges facing higher education are in many ways related to the library.

**Heloise Emdon**, Manager International Projects, Carleton International (CI). Carleton International, Office of the Vice President Research and International, and the Office of Research Initiatives and Services have a unique view on faculty requirements, especially around applications, grants, reporting and support for research administration. This presentation will highlight some of the issues and insights gained from the research impact perspective.

**Maria Teresa Fernandez de Castro** has had a rich and varied career in Research: as an inventor, collaborator, director, evaluator, and translator. Her journey has given her an integrated vision of science, from natural sciences, to social sciences, Academia, Private Sector and Government, where she currently works. In a nutshell, she embraces the challenge of demonstrating the value and impact of science and understands that an investment in Research brings enormous, yet sometimes unarticulated, returns. Uncovering the metrics that can be reliable and meaningful in the landscape of open science and open government needs an integrated, big-picture approach, and an ability to ask the right questions.

**Alexandra Kohn** has worked in academic libraries in Ireland, Italy, the UK and Canada, with a focus on copyright, scholarly communications, open access and research support and profiles. In her previous position as Academic Support Librarian in Research Support Services at the London School of Economics, Alex managed an [IR](#) with openly available Altmetrics and download statistics and supported the Research Information Analyst in the provision of bibliometric and research impact [services](#) to individuals units across the institution.

**Christopher Manuel** has a background in history and education. He entered the evaluation profession in 2010, after completing a Master's of Education at the University of Ottawa. He has interned with the Corporate Performance and Evaluation unit at the Social Sciences and Humanities Research Council and has been employed as a junior evaluator at the Canadian Institutes of Health Research (CIHR). He is currently a corporate analyst in CIHR's Performance and Accountability Branch.

**Sean McLaughlin** is a subject librarian at Concordia University. He has contributed to developing procedures for and creating bibliometric reports in support of the institutions' graduate and faculty researchers. He is also involved in ongoing research exploring relationships between bibliometrics and award granting in Canada.

**Marisa Rucolo** is an ex-humanist revamped as a science librarian who worked at UNB Saint John as an interim Science Librarian. She is now the first and only Canadian of the IP & Science team for Clarivate Analytics. On the post-sales team, she trains Canadian customers in both

official languages and is based in Montreal. Her research interests in regards to bibliometrics include the expansion of the *Emerging Science Index* (from the WoS Core Collection) and the challenges of demonstrating impactful scholarship in the Humanities.