

The Digital Humanities at the University of Ottawa would like to thank the instructors, keynote speakers, and research discussion participants for their contributions to DHSITE 2019!

We would also like to thank the individuals behind-the-scenes that have made this week's events possible, including Digital Humanities Coordinator Jada Watson the DHSITE Committee comprised of Constance Crompton, Sarah Simpkin, and Felicity Tayler, and the administrative, promotional, and technical support teams:

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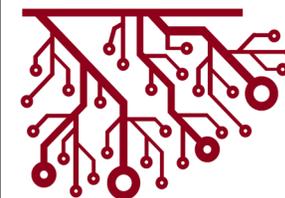
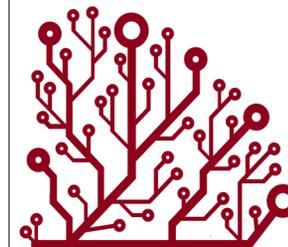
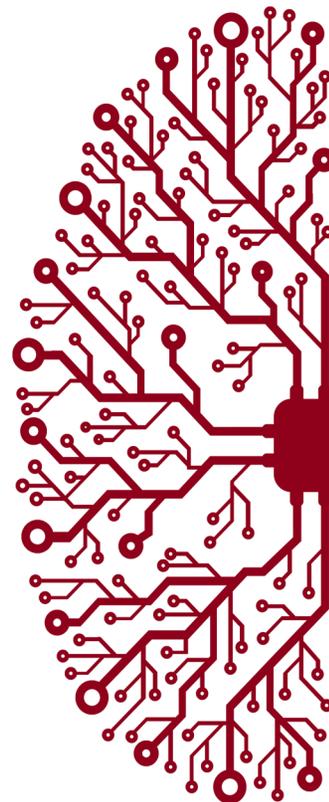
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THANK YOU to the FACULTY OF ARTS

Kevin Kee, Dean
Marc Charron, Vice-Dean Programs
Sylvie Lamoureux, Vice-Dean Governance and External Relations
Nadine Mayhew, Administrative Assistant (English and Digital Humanities)

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The DHSITE website

<https://dhsite.org/>

TECHNICAL SUPPORT

Wireless network

Connect to the **eduroam** network.

- When prompted, use your uOttawa credentials: uOttawa email account (jdoe123@uOttawa.ca) and password.
- If you are affiliated to an **eduroam** participating institution, your username and password are the credentials and set up instructions you use to connect to the wireless network at your institution.
- For more details, go to: <https://it.uottawa.ca/internet/eduroam>

Information Technology

For assistance,

- visit the help desk on the first floor of Morisset Library
- go to: <https://it.uottawa.ca/>

SESSION C WORKSHOP

Digital Composition (DHN3311 H)

How do people make electronic music? Interested in learning more about writing electronic music? This workshop will provide an introduction to digital composition, the tools available, and offers hands-on experience using music writing software. The workshop will focus on Ableton Live, a powerful tool for working with MIDI, audio, virtual instruments, and effects. Participants will learn about the interface, its capabilities, live looping, and create a piece of original music from scratch or by remixing sampled audio. Participants will have access to the CreatorSpace for individual work time in the afternoons. This workshop is offered in English.

Instructor: **Julian Bertino** holds a Master of Music degree in guitar performance from the University of Ottawa, where he is currently completing a Master of Arts in Composition. He has been assisting with the CreatorSpace since its beginning and has experience with almost all of the software and hardware. He composes, performed and DJs both electronic and electroacoustic music, and teaching courses on music technology and digital composition at the University of Ottawa. In April 2018, he premiered his own composition, HeadSpaces, which he wrote for 10-string guitar and Ableton Live on his final recital.

Location: 50 University (Pérez Hall), room 302

Monday, May 13

11:30-13:00 : Registration

13:00-14:20 : Round table on Research Data Management, hosted by Felicity Tayler (Research Data Management Librarian, uOttawa)

14:30-17:30 : Session A Workshops begin

Tuesday, May 14

9:00-12:00 : Session A Workshops continue and Session C Workshop begins

12:00-13:00 : Lunch Break

13:00-14:20 : Keynote presentation by Marie-Hélène Roy-Gagnon (Medicine, uOttawa)

14:30-17:30 : Session A Workshops continue

Wednesday, May 15

9:00-12:00 : Session A Workshops end and Session C Workshop continues

12:00-13:00 : Lunch Break

13:00-14:20 : Community Research Panel, featuring curators Tom Everett and David Pantalony from the Canada Museum of Science and Technology

14:30-17:30 : Session B Workshops begins

Thursday, May 16

9:00-12:00 : Session B Workshops continue and Session C Workshop continues

12:00-13:00 : Lunch Break

13:00-14:20 : Keynote presentation by Jason Camlot (Concordia University) of SpokenWeb

14:30-17:30 : Session B Workshops continue

Friday, May 17

9:00-12:00 : Session B Workshops end and Session C Workshop ends

12:00-13:00 : Lunch Break

13:00-14:20 : Round table on Ethics and Feminist Methodologies in Digital Humanities Research, hosted by Felicity Tayler (Research Data Management Librarian, uOttawa), featuring a special presentation by Deanna Fong

14:30-16:30 : Closing reception

KEYNOTE 1

Statistical and Bioinformatic Tools for the i-BALSAC Multisectoral Infrastructure



Marie-Hélène Roy-Gagnon from the Faculty of Medicine (uOttawa)

Tuesday, May 14, 2019

13:00-14:20

CreatorSpace (PRZ 302)
(in French)

The i-BALSAC infrastructure for high resolution mapping of the French-Canadian population aims to create a multisectoral platform for cutting-edge research in biological, biomedical and social sciences. The platform will integrate and interrelate genealogical, genetic and geographical data, and develop statistical and cartographical analytical tools to optimize utilization of these data. For health research, the infrastructure will provide Canadians with data and tools to study genetic determinants of health. These data and tools will contribute to the design of projects aiming to identify genetic variations associated with complex diseases and to establish treatment, screening and preventive strategies. This presentation will describe the context that led to the i-BALSAC infrastructure project followed by the plans for the development of the infrastructure and of some statistical and bioinformatics tools for the integration of genealogical and genetic data.

Dr. Marie-Hélène Roy-Gagnon completed her PhD in Genetic Epidemiology at the Johns Hopkins University Bloomberg School of Public Health in 2004, with postdoctoral fellowships at NIH and the University of Michigan. She also holds an MSc in statistics from Université Laval. Before joining the School of Epidemiology and Public Health at the University of Ottawa in 2013, she was an Assistant Research Professor at the University of Montreal and Scientist at Sainte-Justine University Hospital Research Center. Her main research interests lie in the development and optimal use of statistical methods for genetic epidemiological data, in order to address the many challenges faced in uncovering the genetic causes of complex diseases. Dr. Roy-Gagnon's methodological work is done in the context of multidisciplinary collaborations, with current projects including studies on cardiovascular disease and obesity, orofacial clefts and asthma. Her research program includes three themes: 1) the optimal utilization of genealogical resources in genetic epidemiology; 2) the development and utilization of statistical models to capture complex relationships of genetic effects; and 3) the use of quantitative traits as intermediate phenotypes or biomarkers for complex diseases.

SESSION B WORKSHOPS

Introduction to Linked Open Data (DHN3311 F)

This course is designed for learners with little to no previous exposure to Linked Open Data (LOD) principles. Instructor Catie Sahadath will offer an introduction to the concepts on which LOD are grounded, and will provide learners with a clear understanding thereof. After completing this workshop, learners will understand how linked open data are used and created. This includes the role of uniform resource identifiers, ontologies, and resource description framework (RDF). Workshop offered in English.

Instructor: Catie Sahadath is a Canadian leader in the Linked Open Data community, who currently sits on the Canadian Committee for Metadata, and who has previously served as a committee member for the Canadiana Héritage Linked Open Data implementation. This, coupled with her extensive background in technical instruction, make her the ideal leader for the Linked Open Data workshops.

Location: 120 University (Faculty of Social Sciences), room 10003

Data Visualisation (DHN3311 G)

Visualization of data is usually one of the most important steps when interpreting the data and also for conveying the results. Jarno van der Kolk's workshop will introduce participants to principles and best practices for presenting data in a way that can be understood by anyone, and investigate a number of tools that can be used. We'll use Voyant to study text and Gephi to investigate networks. For more interactive ways of sharing data the d3.js framework can be used to create web-accessible interactive visualizations. Finally we will use Python and ParaView to create compelling 3D visualizations. No prior visualization experience is required. At the end of each workshop there will be an open discussion on how the tool can be applied to your own data. Workshop offered in English.

Instructor: Jarno van der Kolk is originally from the Netherlands where he did his Bachelor of Physics at the Vrije Universiteit in Amsterdam. He then moved to Germany to do his masters in theoretical and mathematical physics at the Ludwig-Maximilian-Universität in Munich. Afterwards he completed his PhD in computational nanophotonics at the University of Ottawa where he also did a Post-Doc for almost a year and maintained the group's cluster computer. He joined IT Solutions at the university where he uses his skills as a researcher and IT specialist to aid his fellow researchers in finding and using the various computational resources available throughout Canada.

Location: 120 University (Faculty of Social Sciences), room 14001

SESSION A WORKSHOPS

Introduction to Text Encoding (DHN3311 C)

Contemplating a text-encoding project? Constance Crompton's introduction to the theory and practice of encoding electronic texts is for you. The course is also suitable for those who would like to better understand the philosophy, theory, and practicalities of encoding in XML (Extensible Markup Language) using the Text Encoding Initiative (TEI) Guidelines in order to aid others who are embarking on a project or to facilitate the assessment of others' TEI-based scholarship. No prior experience with XML is assumed, but the course will move quickly through the basics. Workshop offered in English.

Instructor: Constance Crompton is an Assistant Professor in the Department of Communication at the University of Ottawa, where she holds a Canada Research Chair in Digital Humanities. She has taught TEI-XML workshops at universities across Canada and the United States, and is delighted to bring TEI-XML workshop to uOttawa. She has worked and consulted on a number of TEI-XML projects; her latest, *Lesbian and Gay Liberation in Canada*, which she co-directs with Michelle Schwartz (Ryerson University), is online at lgc.ca. She serves as an associate director of the Digital Humanities Summer Institute and as vice-president (English) of the Canadian Society for Digital Humanities / Société canadienne des humanités numériques.

Location: 120 University (Faculty of Social Sciences), room 10003

Social Media Analysis (DHN3311 D)

What can we learn about an individual from their social media presence? Beyond updates on one's travels, meals, and academic publications, there are a wealth of "unhealthy" aspects of social media, such as cyberbullying or depression. How might we analyse online phenomena to learn more about society? Can we solve those problems with intervention? This workshop offers an introduction to the methods and practices of online text analysis (natural language processing) for those online phenomena you want to catch and ultimately avoid. The course is also suitable for those who would like to better understand the computational package behind it, social network analysis, annotation, online text downloading, and acquire basic knowledge of machine learning (AI). No prior experience is required. Workshop offered in English.

Instructor: Prasadith Buddhitha is currently pursuing his Doctoral degree in Electronic Business at the University of Ottawa under Prof. Diana Inkpen's supervision. His research interests are in the area of Natural Language Processing, data mining, and machine learning. His research uses Machine Learning and Natural Language Processing techniques applied to social media platforms. He was also involved in building research prototypes for churn prediction and uplift modeling.

Location: 120 University (Faculty of Social Sciences), room 9003

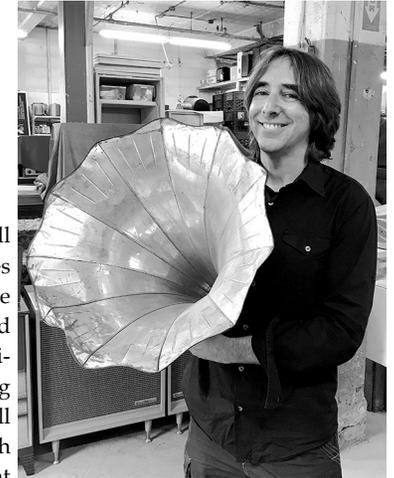
KEYNOTE 2

Building (Digital) Humanities Communities around Sound Archives: The Story of SpokenWeb

Jason Camlot (Concordia University)
of SpokenWeb

Thursday, May 16, 2019
13:00-14:20

CreatorSpace (PRZ 302)
(in English)



In this keynote presentation, Dr. Camlot will discuss the great potential for humanities research of conceptualizing collaborative projects around unique yet largely unused collections of cultural heritage materials. Speaking from the experience of developing the SpokenWeb research program from small beta collaborations via SSHRC Research Development Initiative, Connections and Insight Grant support, into a large-scale national research partnership (now funded by a SSHRC Partnership Grant), Dr. Camlot will consider the reasons why collaborative, interdisciplinary approaches to humanities research that mix live and digital methods can be useful for reflecting upon how institutional structures and material infrastructures shape research in the humanities, and will explain some of the adaptable rationales and approaches that have been used in the course of developing the SpokenWeb research program. Beyond focusing on the whys and hows of such an approach to research development, Camlot will also present different ways in which such collaboration can help us integrate archival materials into new forms of pedagogy, creation and "knowledge mobilization".

Dr. Jason Camlot's critical works include *Phonopoetics: The Making of Early Literary Recordings* (Stanford 2019), *Style and the Nineteenth-Century British Critic* (Routledge 2008), and the co-edited collections, *CanLit Across Media: Unarchiving the Literary Event* (forthcoming with MQUP, Fall 2019) and *Language Acts: Anglo-Québec Poetry, 1976 to the 21st Century* (Véhicule 2007). He is also the author of four collections of poetry, *Attention All Typewriters*, *The Animal Library*, *The Debaucher* and *What the World Said*. He is the principal investigator and director of The SpokenWeb, a SSHRC-funded partnership that focuses on the history of literary sound recordings and the digital preservation and presentation of collections of literary audio. He is Professor of English and Associate Dean in the Faculty of Arts and Science at Concordia University in Montreal.

ROUND TABLE DISCUSSIONS

Research Data Management

Monday, May 13, 2019

13:00-14:20

CreatorSpace (PRZ 302)

Felicity Tayler (Research Data Management Librarian) hosts a conversation with:

- Constance Crompton, Communication (uOttawa)
- Brian Ray, Vice-Dean Research (uOttawa)
- Tom Smyth, Library and Archives Canada
- André Vellino, School of Information Studies (uOttawa)

Can your research data shape and produce "community"? Researchers make choices in their work with people, documents, digital and analogue materials. Research teams make choices on software platforms, storage, and file structures that shape the way that they work together as a community. The decision to share data as a means of knowledge mobilization, or to restrict access, has an impact on the formation of scholarly community in a discipline, and upon the communities beyond academic disciplines where the data collection began. These speakers will reflect on their varied approaches to Research Data Management as these choices have influenced the way that communities were represented, are shaped, or could be brought into being.

Ethics and Feminist Methodologies in Digital Humanities Research

Friday, May 17, 2019

13:00-14:20

CreatorSpace (PRZ 302)

Felicity Tayler (Research Data Management Librarian) hosts a conversation with:

- Deanna Fong, English (Simon Fraser University)
- Michelle Gewurtz, Ottawa Art Gallery
- Jada Watson, Music, Digital Humanities, and Information Studies (uOttawa)
- Catherine Paquet, Director, Office of Ethics and Research Integrity (uOttawa)

This panel takes inspiration from Sara Ahmed's recent observation that feminist methods grow out of everyday actions of caring for oneself and others, "living a feminist life does not mean adopting a set of ideals or norms of conduct, although it might mean asking ethical questions about how to live better in an unjust and unequal world... how to create relationships with others that are more equal." The speakers gathered here will describe their feminist methods from different angles. Each wrestle with community standards of care, as they intersect with the norms of conduct codified in research ethics boards.

COMMUNITY RESEARCH PANEL

Wednesday, May 15, 2019

13:00-14:20

CreatorSpace (PRZ 302)

Curators **Tom Everett** and **David Pantalony** from the Canada Museum of Science and Technology, describe how they combine museum collections with digital technologies in their research and teaching, using examples from recent partnerships with University of Ottawa faculty, students, and staff.



As Curator of Communications at Ingenium - Canada's Museums of Science and Innovation, **Tom Everett's** main research focus is the history of sound technology, with a special emphasis on sound-based artifact research methodologies. He recently curated two permanent exhibitions at the Canada Science and Technology Museum. *Sound by Design* highlights significant innovations in sound technology over the past 150 years, while *Wearable Tech* explores the historic relationship between technology and the body. Tom holds a PhD from Carleton University in Ottawa, where he previously taught in the School of Journalism and Communication. He also holds an Adjunct

Professorship in Curatorial Studies at Carleton, in the Institute for Comparative Studies in Literature, Art and Culture.

David Pantalony is the Curator of Physical Sciences and Medicine at Ingenium: Canada's Museums of Science and Innovation. He was recently the lead curator for the Science and Medicine Gallery in the new Canada Science and Technology Museum. David obtained his PhD at the Institute for the History and Philosophy of Science and Technology at the University of Toronto. His main research focus is the history of scientific instruments, and he teaches a collection-based seminar at the University of Ottawa.

