



September 2020

COVID-19 and Canadian Repositories

Aligning repository networks to support international sharing of COVID-19 resources

COAR Forum on COVID-19 and Open Science 2020

The Canadian Context

- Active digital repository community
- Open Repositories Working Group (ORWG) of the Canadian Association of Research Libraries
- OpenAIRE Advance collaboration - Aggregator-as-a-Service
 - DSpace plugin (OpenAIRE guidelines)
- COVID-19

More Info: www.carl-abrc.ca/wp-content/uploads/2019/06/OpenAIRE_Lite_Pilot_desc_en.pdf

Timely Open Knowledge

Community Call for Sharing and Coordinating Canadian COVID-19 Web Archiving Efforts

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Community Call for Sharing and Coordinating Canadian COVID-19 Web Archiving Efforts

Date: **Thursday, April 16, 2020**

Time: **10-11 a.m. PT; 1-2 p.m. ET**

Register here: <https://covid-19-web-archiving-call.eventbrite.ca>

The deadly flu outbreak of 1918-19 is often called the 'forgotten pandemic.' It is our responsibility to ensure the lessons of COVID-19 are not forgotten. Our collective efforts to capture and preserve the essential online elements of this unprecedented event are critical.


Are you and your organization currently engaged in web archiving web-based information related to COVID-19 in Canada (or are you considering doing so)? The Canadian Web Archiving Coalition (CWAC) invites you to attend a community call where we will look at who's doing what, how to best collaborate and coordinate these activities, and identify any gaps in our collection efforts.

This call will be facilitated by Corey Davis, Systems Librarian at the University of Victoria and Chair of the CWAC Coordinating Committee. Co-moderators will be on hand to ensure participants are able to contribute to the conversation English or French.



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Usage
11 views
7 downloads

Robotics, Smart Wearable Technologies, and Autonomous Intelligent Systems for Healthcare During the COVID-19 Pandemic: An Analysis of the State of the Art and Future Vision

Author(s) / Creator(s)
Mahdi Tavakoli
Jay Carriere
Ali Torabi

Herein, how robotic and autonomous systems and smart wearables complement and support healthcare delivery and the healthcare staff during the COVID-19 pandemic are presented. For instance, robotic and telerobotic systems significantly reduce the risk of infectious disease transmission to frontline healthcare workers by making it possible to triage, evaluate, monitor, and treat patients from a safe distance. Various examples of where the medical, engineering, and science communities come together to aid the healthcare system, healthcare workers, and society during the current crisis are presented. The goal is to encourage an interdisciplinary dialog so that ethical, practical, and beneficial technological solutions are found to effectively tackle this and similar crises.

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Investing in Open

“The benefits of collective approaches, as opposed to piecemeal or individual investments, is clearly evident from the survey results. Coordination at the national or regional level amplifies the impact of investments through greater alignment, reducing redundancies, and creating sustainable funding for priority services or infrastructures.”

Investments in Open

Canadian Research Libraries' Expenditures on Services, Staff, and Infrastructures in Support of Open Scholarship

by Kathleen Shearer

JULY 2020



[Investments in Open: Canadian Research Libraries' Financial Expenditures on Open Services, Staff, and Infrastructures in Support of Open Scholarship](#) was written by Kathleen Shearer on behalf of the [Canadian Association of Research Libraries](#) and is licensed under a [Creative Commons Attribution 4.0 International License](#).

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Coronavirus disease (COVID-19)

COVID-19 [Government of Canada](#) [COVID-19](#)

CIHR continues to take action to support our grants, scholarships and awards recipients, as well applicants, peer reviewers and employees.

News for researchers

- Extension of Tri-Agency Scholarships and Fellowships (CGS.M., CGS.D., Agency-Specific Doctoral Awards, PDF, Vanier CGS and Banting PDF) (May 29, 2020)
- Message from the President
- Health Canada announces
- New temporary program
- Collaboration between CIHR and the Government of Canada
- Update to COVID-19 funding
- CIHR seeking peer review competition (May 5, 2020)

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Breakthrough answers to timeless questions

News

New funding to address plastics science for a cleaner future
June 1, 2020

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Social Sciences and Humanities Research Council

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COVID-19 Update

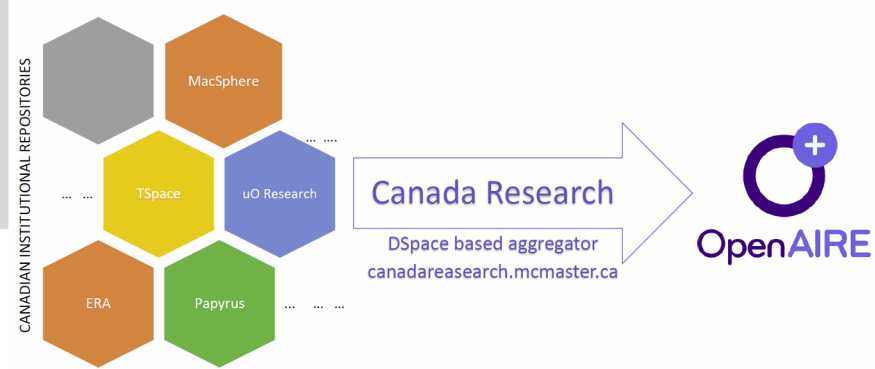
COVID-19: Impact on [SSHRC programs](#), [experts database](#) and [perspectives](#) from our community.

PERSPECTIVES
on
COVID-19

Repository Action Plan

- Canadian funders will provide covid-19 funded project lists
- Each institution will recruit relevant content into repositories
- Active curation to support COAR's basic recommendations for metadata
- Quick set up of DSpace instance to serve as national aggregator (at one university)
- OpenAIRE will aggregate from national Dspace aggregator

3 options



Scenario 1: Repository adopts OpenAIRE guidelines and metadata is directly harvested by OpenAIRE

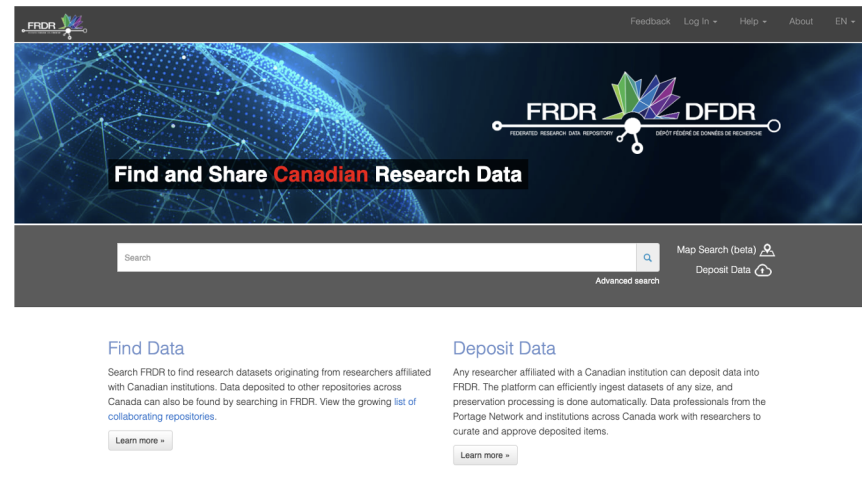
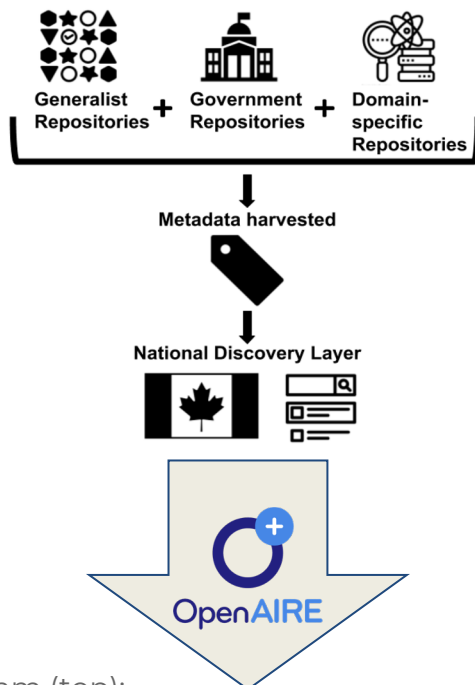
Scenario 2: Repository harvested by the “Canada Research” aggregator

Scenario 2.1: Repository manager curates the metadata in Canada Research (preferred)

Scenario 2.2: Repository manager curates the metadata in the IR

Action Plan

- Federated Research Data Repository
- Aggregating Dataverses and other data repositories



OpenAIRE COVID aggregation/view

The screenshot displays the OpenAIRE COVID-19 Gateway interface. The main header includes navigation links: EXPLORE, PROVIDE, CONNECT, MONITOR, DEVELOP, and a search bar. The search results are for "Corona Virus Disease" (COVID-19). A sidebar on the left shows filters for "RESEARCH OUTCOMES (54)" and "PROJECTS (3)", with a "Filters" section and an "Open Access" toggle. The main content area features a search bar with the text "Research by title, author, abstract, DOI, orcid..." and a "SEARCH" button. Below the search bar is a table with the following data:

SUMMARY	PUBLICATIONS	RESEARCH DATA	SOFTWARE	OTHER RESEARCH
	44,387	3,205	265	3,246

Below the table is a paragraph of text: "This portal provides access to publications, research data, projects and software that may be relevant to the Corona Virus Disease (COVID-19). The OpenAIRE COVID-19 Gateway aggregates COVID-19 related records, links them and provides a single access point for discovery and navigation. We tag content from the OpenAIRE Research Graph (10,000+ data sources) and additional sources. All COVID-19 related research results are linked to people, organizations and projects, providing a contextualized navigation." Below this text is a "Curated by:" section listing: Alessia Bardi, Iryna Kuchma, Evgeny Bobrov, Ivana Truccolo, and Elizabeth Monteiro. On the right side, there is a "Subjects" section with a list of terms: COVID19, SARS-CoV, HCoV-19, mesh:C000657245, MERS-CoV, Síndrome Respiratorio Agudo Severo, mesh:COVID-19, COVID2019, COVID-19, SARS-CoV-2, 2019 novel coronavirus, severe acute respiratory syndrome coronavirus 2, Orthocoronavirinae, Coronaviridae.





For more info:

<http://www.carl-abrc.ca/advancing-research/institutional-repositories/open-repositories-working-group/>

