

Arca

Collaborative Digital Repository

Actions & Achievements 2015





British Columbia Electronic Library Network

Released June 2016

A Message from the Chair

In its inaugural year, the Arca Administrative Centre is pleased to bring you the *2015 Actions & Achievements* report highlighting work accomplished and providing a glimpse of work lying ahead. The Arca collaborative digital repository provides an opportunity for BC post-secondary institutions to build a digital repository at a reasonable cost in a supported environment.

Arca officially launched on October 28, 2015, preceded by 18 months of intense work by governance committees, software selection and implementation teams, staff at early adopter sites, and the BC ELN Office. Once seed funding was awarded by the Ministry of Advanced Education (AVED), governance was established and the Advisory Committee moved quickly to initiate a rigorous software selection process. Islandora, supported and hosted in Canada by discoverygarden, emerged as the clear choice for the project.

The Arca Administrative Centre, with Sunni Nishimura as project lead and Brandon Weigel as technical lead, supported an Implementation Team of early adopters and experienced institutional repository coordinators. The group established system defaults, metadata, and theming, which were then implemented by discoverygarden. Visit Arca at <http://arcabc.ca>.

Without a collaborative approach, offering a digital repository would have been beyond the reach of many BC ELN partner libraries. Centralised expertise, best practices, and support result in a stronger, more effective service. Cost-sharing among participating institutions leverages the Province's buying power, ensuring libraries can offer high-quality, responsive service at an affordable cost. Great service in turn helps institutions make BC a highly desirable place to live, work, and learn.

We welcome your feedback on Arca *Actions & Achievements* in 2015!



Debbie Schachter
Arca Advisory Committee Chair
Douglas College

Fast Facts

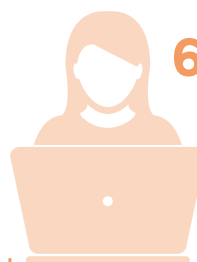


~8,000 items
in 77 collections
(and growing everyday)

You'll find...

historical photographs, faculty publications,
student research, academic calendars, digitized
art prints and more

10 institutions
participating from across
British Columbia



65% of visitors
are new to the site

7 page views
per visit on average

Most viewed article:
Behaviour, gastrointestinal parasites, and stress hormones of the South Thompson California Bighorn Sheep (Ovis canadensis) herd by Terri Lynn France
Over 900 views as of May 30, 2016



Partner Spotlight

Kathy Gaynor is the Scholarly Communications and Data Librarian at Thompson Rivers University (TRU). TRU is an early Arca adopter and Kathy was an active member of the Software Selection Committee and the Implementation Working Group. TRUSpace, TRU's Arca instance, is now up and running with digital assets that include faculty publications, graduate theses, and local collections. Kathy reflects on her involvement with Arca and her vision for the future of TRUSpace.

Why TRU library joined Arca

Researchers were turning to the library looking for a solution to their self-archiving needs. We lacked the in-house expertise and institutional infrastructure to launch an institutional repository on our own. We are a relatively small university library with a very tight budget – joining Arca not only helps our students, faculty, and university fulfill their missions, but the Arca project is a cost effective and efficient solution for the library. BC ELN has a long and well-earned track record of providing excellent support to its partner libraries.

We knew that we'd be in good hands.

The benefits of joining Arca

By joining Arca, we were able to leverage the collective experience of libraries and librarians who already had an institutional repository up and running. **There is comfort in knowing that we weren't doing**

this alone. We could learn what worked and, more importantly, what didn't work – saving us from making potentially costly mistakes and saving us time. Personally, I have learned so much more than I would have if I had been fumbling around in a software system trying to figure things out on my own. We were able to get TRUSpace up and operational in no time at all.

Our faculty and students are doing some incredible and unique research. As Arca is an open access platform, student and faculty research can be viewed by anyone in the world regardless of their institutional affiliation – how awesome is that?

Words of encouragement

It is so easy to customize an Arca installation to look like your own repository. If you browse through what each Arca library has done to their repositories, you'd never know that there are several libraries sharing a single platform. **If you are not that tech savvy ... don't worry!** There is someone in the group who has expertise or has figured out a solution and is very willing to share that knowledge.

Looking to the future

I see TRUSpace as a mechanism to enhance the library's role and value within the university. We are now positioned to assist faculty and students in getting their research more widely disseminated, thus **enhancing the reputation of the university.** I hope that TRUSpace fosters greater understanding and cross-disciplinary research leading to new knowledge and insights.



Kathy Gaynor
Arca Participant
Thompson Rivers University



TRUSpace

Focusing on Value

Arca generates tremendous value for BC post-secondary institutions and researchers across BC...

\$46,924

yearly cost avoidance
per participating library

reinforce institution
brand and prestige
through customized
installation

86% saved

by joining Arca compared to an
individual Islandora installation

**43,350 learners
& 3,200 faculty**

can upload and share their
research with a global
audience

0.26 FTE

average library
position supporting
each collaborative
repository

“ During my AskAway shift, a University of Northern BC distance student was looking for a thesis for a nursing class, *Reducing barriers to accessing primary care for individuals with severe mental illness: examining characteristics of Canadian nurse practitioner practice* by Damen DeLeenheer.

It turns out the thesis was available in Arca!

The student was very pleased to be able to access the full text online.

Brenda Philip, Librarian
University of the Fraser Valley

“ The DOor repository is an incredibly valuable tool that will both showcase and encourage research at Douglas College. Having the repository builds our capacity as a viable centre for advanced research and enhances our reputation for valuable research contributions.

David N. Wright, PhD
Coordinator, Research and Innovation
Douglas College

\$451,880
sector
cost avoidance



participants benefit from
627 staff hours
of collaborative
implementation work

Arca Administrative
Centre provides
expert advice, reliable
troubleshooting, and
timely support

4.6 million
British Columbians
have access to over 77
collections of previously
unavailable content

powerful consortial
advocacy in the worldwide,
open-source Islandora
community

Achievements & Outcomes

Arca is a collaborative province-wide network of digital repositories. Through Arca, participating institutions provide access to faculty and student research, manage institutional digital assets, and showcase BC as a hub for knowledge creation. Participating institutions benefit from access to service support, training, and documentation from the Administrative Centre and can tap into a growing network of Islandora users across the province.

Key Achievements

- Selected Islandora, an open-source digital repository framework supported and hosted in Canada by discoverygarden inc., as the platform for Arca
- Implemented Arca at seven early adopter institutions
- Launched Arca to the post-secondary community, BC public library community, and the national library community on October 28
- Issued a call for new institutions to participate with three new institutions ready to join
- Provided ongoing support for participating institutions including communications tools, shared documentation, collaboration space, and regular meetings
- Received an additional \$50,000 grant from AVED/ASDT to support Phase 2 of Arca

Outcomes

- Learners, educators, and researchers have online access to a growing body of digital assets to support their work and inspire new research questions
- Institutions have cost-effective access to the expert support they need to implement and cultivate their own digital repository
- BC ELN meets AVED's vision of cross-sector shared services and increased public access to digital collections

7 Early Arca Adopters

College of the Rockies
Douglas College
Emily Carr University of Art + Design
Justice Institute of BC
Thompson Rivers University
University of the Fraser Valley
University of Northern BC

3 New Sites

Camosun College
Selkirk College
Trinity Western University

“By moving our digital collections to Arca, I've been able to build a showcase that our institution can be proud of. The switch has given me more control of how our collections are displayed. As Arca evolves and early adopters learn more about the flexibility and best practices of Islandora, the system will only improve. I'm very pleased with our choice to join the Arca community!”

Hillary Webb, Librarian
Emily Carr University of Art + Design

Governance & Collaboration

Arca is possible thanks to collaboration among partner libraries who contribute their time and knowledge to the project. The Arca Advisory Committee provides direction for Arca and reports back to the BC ELN Steering Committee. In 2015, a number of committees and working groups came together to develop and implement Arca, achieving significant goals in a short period of time.

Advisory Committee

(as of December 2015)

Debbie Schachter (Chair)

Douglas College

April Haddad

Justice Institute of BC

Kim Isaac

University of the Fraser Valley

Brenda Mathenia

Thompson Rivers University

Elizabeth Padilla

BC Institute of Technology

Shahida Rashid

College of the Rockies

James Rout

Emily Carr University of Art + Design

Don Taylor

Simon Fraser University

Implementation Working Group

(as of December 2015)

Representing Early Adopters:

Kathy Gaynor

Thompson Rivers University

Gretchen Goertz

Douglas College

April Haddad

Justice Institute of BC

James MacDonald

University of Northern BC

Cortney Newton

College of the Rockies

Brenda Philip

University of the Fraser Valley

Hillary Webb

Emily Carr University of Art + Design

Representing Sites with Existing Institutional Repositories:

Elizabeth Padilla

BC Institute of Technology

Dan Sifton

Vancouver Island University

Don Taylor

Simon Fraser University

Discovery Layer Task Group

(as of December 2015)

Caroline Daniels (Chair)

Kwantlen Polytechnic University

Janice Banser

Simon Fraser University

Paul Joseph

BC Digitization Coalition Task Group / UBC

James MacDonald

University of Northern BC

Elizabeth Padilla

BC Institute of Technology

Brent Searle

Langara College

Dan Sifton

Vancouver Island University

Trevor Smith

Douglas College

Software Selection Committee

(as of December 2015)

Gilbert Bede (Chair)

Okanagan College

Kathy Gaynor

Thompson Rivers University

Emma Lawson

Langara College

Elizabeth Padilla

BC Institute of Technology

Brenda Philip

University of the Fraser Valley

Administrative Centre

Anita Cocchia
Sunni Nishimura
Brandon Weigel

Financials

Critical funding support from the Ministry of Advanced Education and service support fees from participating sites sustained the Arca project throughout 2015.

	2015/16 Projected \$	
	Revenue	Expenses
Carryforward	34,300	
ASDT/AVED Funding (Year 2)	50,000	
BC ELN Support and Salary Adjustments	15,000	
Service Support Fees (including pre-payments)	31,809	
Total	131,109	
Support and coordination		59,949
Administration / Communications / Governance		1,051
Software Support, Development, and Hosting		37,552
Total		98,552
	Revenue - Expenses	32,557

Moving Forward



Completing Phase 2 of Arca

Phase 1 of the collaborative digital repository was successfully completed with the launch of Arca and a call-out for new participants. With an additional \$50,000 from AVED, work on Phase 2 began with the endorsement of an action plan. The aim is for a functional cross-repository discovery layer to be implemented by 2017.



Hosting the Islandora Camp (iCamp)

In July 2016, BC ELN will host iCamp, a three-day workshop at Simon Fraser University Harbour Centre. The iCamp will bring together members from Arca sites as well as other interested institutions for in-depth training and networking to build a knowledgeable and supportive Islandora community in BC.



Implementing Sustainable Storage

The number of Arca participants and their collections are growing. To accommodate this growth and ensure the preservation of Arca's valuable digital assets, the Arca Advisory Committee will identify and implement sustainable storage by 2017.

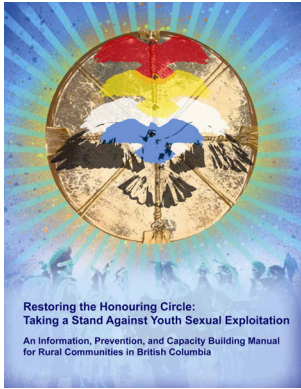


Inviting New Arca Participants

New institutions from the post-secondary sector and beyond will be invited to join Arca. New participants bring exciting collections and new knowledge to the Arca community.

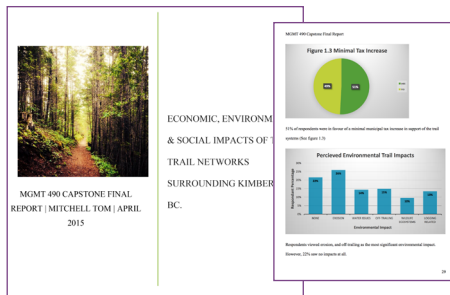
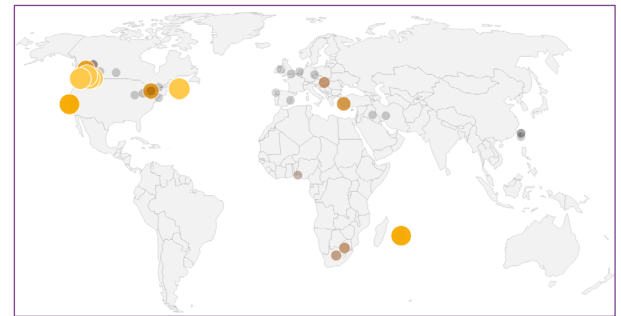
Collection Highlights

From faculty publications to student research to historical assets, Arca provides access to fascinating and diverse collections. Collection highlights provides a glimpse of the materials that engage researchers from across the province, Canada, and the world.



Restoring the honouring circle: taking a stand against youth sexual exploitation
Sarah Hunt, 2011
The Vault, Justice Institute of BC

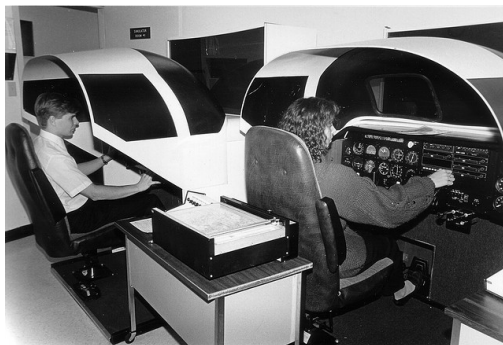
A snapshot of Arca visitors from...
Mauritius, South Africa, Spain, Turkey, Ireland, United Kingdom, Germany, Taiwan, Iraq, United States and Canadian cities including Halifax, Toronto, Castlegar, and Dawson Creek



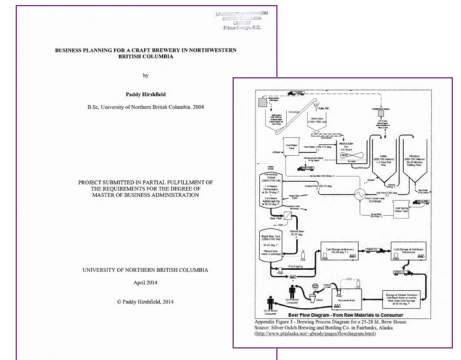
Economic, environmental & social impacts of the trail networks surrounding Kimberley, BC
Mitchell Tom, 2015
COTRspace, College of the Rockies



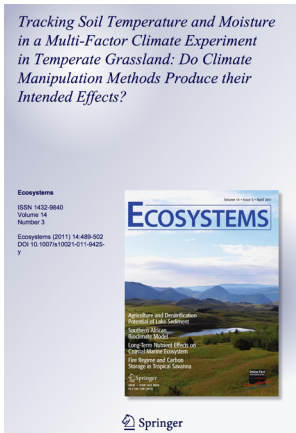
Woman getting dressed
Hilla Rebay, 1920
Emily Carr University of Art + Design



Early aviation simulator
UFV
Historical Photographs
HarvestIR, University of the Fraser Valley



Business planning for a craft brewery in northwestern British Columbia
Paddy Hirshfield, 2014
University of Northern BC



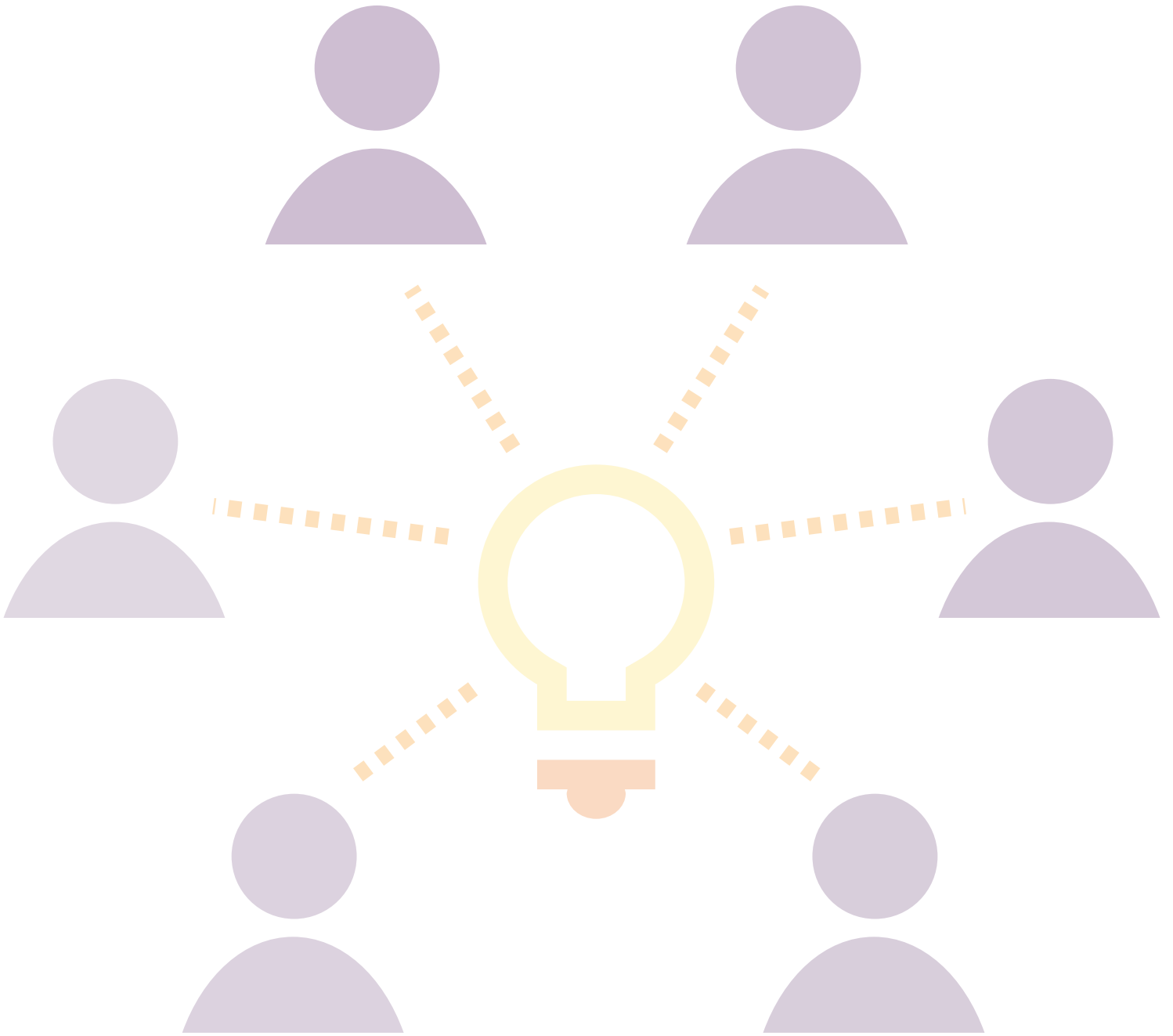
Tracking soil temperature and moisture in a multi-factor climate experiment in temperate grassland
Cameron Carlyle, Lauchlan Fraser, and Roy Turkington, 2011
TRUSpace, Thompson Rivers University

Ernestine Shuswap gets her trout
UFV Theatre Department
HarvestIR, University of the Fraser Valley



Asylum (Riverview Hospital story project: Part 1, 2, 3)
Lisa Nielsen and Heidi Currie
DOor (Douglas Open Repository), Douglas College





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