

2022 Okanagan Library Report To Senate

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The Okanagan Library prides itself on being an inclusive space, a service-focused team, and a nexus of scholarly engagement. A proactive campus leader, our Library advances research, learning, and teaching excellence by connecting communities, within and beyond the University, to the world's knowledge.

Aligned with campus and institutional strategic priorities, the Library continued to make significant contributions to the Okanagan Campus in 2022 in each of its areas of focus: **Teaching and Learning**, **Discovery and Research**, **Campus and Community**, and **Spaces and Collections**.

Teaching and Learning

The Okanagan Library is integrated in transformative teaching and learning efforts, providing essential services, spaces, and resources for student success. In 2022, the Library expanded instructional efforts in a variety of areas, increased Student Learning Hub outreach and engagement, and contributed to the launch of a new curated database full of openly accessible teaching and learning materials, in addition to many other successes.

Providing outstanding library reference services

The Okanagan Library has three primary service points: the campus Library's single service desk, the Special Collections service desk located in The Commons, and the Innovation Library, located in downtown Kelowna at Okanagan Regional Library's branch on Ellis Street. All three locations offer walk-up and appointment-based reference services. Library staff also respond to email questions and answer queries via Ask Away, the Library's virtual chat platform. Professional librarians provide in-depth research consultations to students and faculty onsite and online (e.g., Zoom). Post-pandemic, virtual engagement with library reference services continues to grow.

Information literacy initiatives

During the period covered by this report, librarians taught 237 instructional sessions at UBC Okanagan Library. With the continued demand for online, in person, and hybrid learning sessions, instruction continued to be offered in all of these formats. Topics ranged from subject-specific information search and retrieval strategies to sessions on copyright, scholarly communication and publishing, research data management, performing systematic and literature reviews, critical evaluation of information, and effective integration of published research into academic writing, including appropriate use of citation styles.

Additional highlights from the past year include:

- Expansion of Library Instruction efforts in the areas of assignment development and support, course readings, curriculum-integrated instruction, diverse and Indigenous focused resources, open education, academic integrity, and streaming film.
- Continued success of the Foundational Information Literacy self-enroll course, which has over 900 participants.
- Collaborations with the Indigenous Initiatives Librarian to present content, through the Centre for Scholarly Communication and within specific departments, related to citation justice and politics to a faculty audience.

Student Learning Hub

Writing and Language Appointments

In 2022, the Student Learning Hub (SLH) continued to offer hybrid support for students; writing and language services had 1,230 appointments. Overall, 671 (55%) appointments were in-person and 559 (45%) were virtual.

With 154 tutoring hours, French and Spanish support remained consistent with the previous year. The SLH was able to add Japanese language support in Winter 1 2022 and hold a weekly Japanese conversation group in cooperation with instructor Dr. Takasaki.

The significant increase in appointment numbers from Winter 1 (September – December) is a testament to the Hub's continued growth. There were 120 additional Writing and Language Learning appointments in Fall 2022, and 550 appointments in Winter 1 2022, compared to 430 appointments in Winter 1 2021, representing a 27% increase.

Events

Starting in Spring 2022, The Student Learning Hub team collaborated closely with the AVP Students portfolio to substantially revise offerings that support students in making a smoother transition to university learning, including building brand new content for UBC 101. These changes were motivated by recognition of the learning gaps that students may be bringing to the resumption of primarily in-person learning opportunities. In addition to the new content, we developed new and refreshed content for the Back to Basics (B2B) and Exam Jam programs. This content was created and adapted for in-person, online, and asynchronous delivery options, providing students the opportunity to engage with the materials in ways that worked best for them (recordings can be found [here](#)). While uptake was small for the B2B sessions, a well-attended Exam Jam (during Homecoming) saw our team engage with more than 120 attendees through tutoring sessions, workshops, and at a welcome booth.

To encourage student interaction with the Hub, the SLH Coordinator created a series of new engagement opportunities throughout the term. During Weeks of Welcome, the SLH engaged with 427 students over two days just outside the entry to the Hub space with the aim of raising awareness of the Hub's location and how to book appointments. After reading break, the SLH interacted with 165 students at the "Write Advice" tables for 2 days in UNC and FIP. And on December 14, the SLH hosted a writing drop-in event with snacks and hot drinks; 39 showed up for drinks, snacks, or to learn about services, and 14 students stayed in the space to work on term papers with tutor support.

Staff training

In the winter terms of 2022/23, writing and language consultant staff meetings continued to increase focus on education regarding equity, inclusion, accessibility, anti-oppression, and decolonial, diverse, and inclusive writing practices. We have collaborated with colleagues from other areas including UBCO's Indigenous Initiatives Librarian, the Sexual Violence Prevention Office, and the Equity and Inclusion Office, and engaged an outside speaker to discuss Anti-ableist learning strategies. In addition to these opportunities, all modules for the SLH canvas course were updated over Summer 2022 with specific attention to EDI principles. Through our structured in-person and asynchronous employee development program, members of our team gain College Reading and Learning Association (CRLA) certification.

Summer session support

Following the positive response in Summer 2021, writing and language support was offered in Summer I & II 2022. Spanish, writing, and Academic Integrity Matters appointments were available throughout, and the SLH provided 181 hours of support in total. Online appointments were preferred with 85% of appointments taking place online and 15% in-person. Summer support consisted of 116 writing appointments, 60 AIM appointments, and 5 Spanish appointments.

Academic Integrity Matters (AIM) Program

Starting in June 2022, a newly hired Academic Integrity Facilitator allowed the AIM program to meet the increasing demand for academic integrity support for students.

Referrals to AIM increased by 119% (+32 referrals) in 2022, compared to the previous year. In 2022, AIM received 196 referrals, with 172 of these students successfully completing the program (13 not completed; 11 still in progress). 84 students were referred for issues regarding plagiarism, while 112 were referred for cheating, collusion, or other forms of academic misconduct. AIM consultants offered personalized guidance to students during 209 meetings in 2022.

In May 2022, AIM and the Learning and Curriculum Support Librarian created a new UBC101 module on Academic Integrity, which was made available to new-to-UBCO students in August 2022. Students had positive responses to the materials, indicating that the information in the module was both sufficient and timely. Students reported that the module helped them understand the “importance of academic honesty and the ways to maintain it at UBC.”

In October 2022, AIM ran a successful “thank you for your integrity” campaign during Academic Integrity Awareness week. The initiative received overwhelmingly positive responses from students, with one student stating: “being thanked for my commitment to academic integrity makes me feel acknowledged for being honest about my commitment to submitting work that is wholly my own.” There were 135 interactions with students through this event.

Open Education

UBC Library’s open education services seek to support the UBC community in finding, adapting, and creating high-quality open educational resources (OERs), as well as planning and implementing innovative open education projects and open practices.

Both UBC Vancouver and Okanagan libraries play an active role in progressing open education initiatives and practices across campuses. From January 1, 2022 to December 31, 2022 UBC Library (collectively) engaged in 99+ consultations on open education projects, developing highly-used resources, communication tools, and toolkits for OER development, such as the [Open Textbook Publishing Guide](#). UBC Library organized 36+ events and instructional workshops with 710 participants to build awareness and advocate for open practices and resources on campus. Sessions included topics on creating OER using digital tools (e.g. Pressbooks, Scalar etc.), open licensing, sharing and discoverability of OER, and open pedagogy, as well as events for Open Access Week, Open Scholarship in Practice, and Open Education Week.

Following the successful pilot program, the OER Grant program was merged into the ALT-2040 Fund as a distinct stream in Fall 2021, demonstrating the campus' ongoing commitment to this important area of practice. In 2022, the OER Grant stream awarded three projects.

Developed in partnership with the UBC Centre for Teaching, Learning and Technology (CTLT), UBC Library and UBC Okanagan Library, the [UBC OER Collection](#) is a new curated database full of openly accessible teaching and learning materials. The UBC OER Collection showcases UBC OERs in a searchable interface to support both UBC faculty and the general community in incorporating OER and practices into their curriculum. The collection was launched March 7, 2022 and currently houses 49 OER developed by UBC faculty, students, and staff. In addition to the development of the collection, the Library and CTLT worked with the UBC Vancouver Alma Mater Society and UBC Student's Union Okanagan to offer a multi-campus challenge to upload OER to the collection. The winners were HIVE – Hackspace of Innovation and Visualization in Education (UBC Vancouver Faculty of Medicine) and [Open Problem Bank for Physics](#) (UBC Okanagan Irving K. Barber School of Arts and Social Sciences, School of Engineering).

The Open Education Librarians on both the Okanagan and Vancouver campuses participate in a number of provincial and national committees and working groups to improve awareness, engagement, and funding potential for open education. Both Open Education Librarians at UBC participate in BCOEL, a supportive community for British Columbian librarians to learn about open education practices. BCOEL is currently working on an open repository using OER Commons to share teaching, learning, and administrative materials related to open education. From September 2021-June 2022, UBCO's Donna Langille was Chair of BCOEL. Both librarians also volunteer on the Canadian Association of Research Librarians Open Education Working Group.

Research and Discovery

The Library continues to play a critical role in the research enterprise, seeing steady growth in the number and variety of individuals – from graduate students, to lab managers, to post-doctoral fellows, to researchers completing Tri-Agency grant applications – attending relevant workshops and requesting assistance with the creation of research data management plans. In 2022, we focused on raising awareness of Centre for Scholarly Communication (CSC) services, expanding the variety of available workshops, developing new online learning resources, and furthering contributions to Open Science efforts.

Centre for Scholarly Communication Collaborations

The CSC continues to bring together the expertise of partners from Research Computing (RC) and the Office of Research Services (ORS) with the UBC Okanagan Library. To raise awareness of CSC resources and services and improve communication with all campus units, the CSC Coordinator and the Project Manager for Research Computing embarked on a tour of UBCO Faculty meetings in late summer and early fall of 2022. Additionally, through a collaboration with the UBC Library and UBC ARC, the findings from the Digital Research Infrastructure Needs Assessment were published in late June 2022 with high level recommendations that are currently under review at the executive level. In another collaborative effort between the CSC and ARC teams, funding was secured in 2022 for the development of a new data training program to address a campus-wide interest in data, analysis, and coding training.

In collaboration with the College of Graduate Studies, the CSC continues to support workshops for the [Scholarly Researching, Writing, and Publishing Credential](#). 64 new students enrolled in the micro-credential last year. While only 8 students completed the credential by uploading all 6 proof of attendance documents, 33 started the process in 2022.

Instruction: Workshops, In-class invitations & Canvas Modules

The CSC continues to support the campus through delivery of instruction designed for a wide range of research and writing projects and processes. In 2022, the CSC facilitated 55 workshops that saw 388 participants. The CSC team also presented to 150 new students at Graduate Orientation, and were invited to support a multi-day Research Assistant (RA) training opportunity in Engineering, offering workshops on Copyright, Research Data Management (RDM), grant writing, etc. In addition, the CSC was invited to present workshops for both the Faculty of Arts and Social Sciences and Faculty of Science Undergraduate Research Awards proposal writers in January 2022, over the summer with the award winners, and in December 2022. We offered the Writers' Retreat in a hybrid format this year – to a smaller than usual audience – and continued to encourage additional collaborative writing opportunities through the Writing Communities, expanding from online only to in-person in Winter I.

2022 was a particularly fruitful year for developing **new** CSC workshop content due to the support of the 3 CSC Graduate Academic Assistants (GAAs). The new content includes: Post-doctoral applications, Attending Conferences workshop series, Paraphrasing and Avoiding Self-Plagiarism, Professional Communication, Revising your Thesis or Dissertation, Introduction to LaTeX, Planning an Article for Publication, Citation Management with Zotero, R for beginners (4 part series), and Accessing Statistics Canada Data for your Research. Participants continue to report how valuable these workshops are for their development as scholars:

- “[The presenter] was amazing! I really got a lot out of this workshop. I will definitely revisit my notes when I begin the research phase this summer.”
- “Pace was great. Presenter spoke clearly. Links were provided. Participation was encouraged. Practical tools were offered.”
- “The exercises were good practice and will be useful for future reference.”

In-class presentations

In addition to the many core courses that the CSC is invited to teach in every year, members of the CSC team were invited to teach in a number of **new** courses in 2022, including: 3 Minute Thesis for the Biology seminar, Mitacs Proposals for IMTC 506, Abstracts in IGS, Literature review for English Graduate Students, Using Models in Academic Writing, CGSM Proposals at IPS, and presenting to a cohort of Indigenous PhD students about mind-mapping and research writing.

CSC Online Learning Resources

This year, the CSC was able to make some significant additions to our Online Learning Resources in Canvas with the help of GAAs. New modules include: Writing the Literature Review, Academic Integrity in Research Writing, and Data Tools and Resources. Engagement with the modules continued to grow in 2022, with 117 new registrations bringing the total participants registered to 287. Average weekly page views remain high for January to December of 2022 at 126. The online resources present a vital opportunity for our campus community to engage with materials at their own pace.

One-on-one writing consultations

The 2022 CSC writing consultation numbers remain consistent with the previous year: 546 consultation hours compared to 536 in 2021.

Examples of just a few positive comments from consultations highlight the important role the CSC plays in providing grant writing support:

- “I appreciate the consultant's effective approach to helping me communicate my idea more clearly without changing the content or nuances. It helps me improve my language use as well as think deeper.”
- “[The consultant] gave extremely thorough and helpful feedback and we had an opportunity to discuss this, which was very helpful for brainstorming purposes. It's so great to have this kind of support in grant-writing, which can be very daunting.”
- “[The consultant] was very clear in how I could improve my writing for the grant proposal that we worked on. Her comments reflected my concerns but was able to articulate them for me. She provided great suggestions. Having these appointments with her have made me feel more at ease applying for this grant.”

Thesis formatting

In addition to offering monthly Thesis formatting drop ins, the CSC Coordinator supported 28 consultation hours for graduate students formatting their documents for final submission.

Fostering Open Science

In 2022, project leads were successful in securing an ALT-2040 Fund Program Development and Redesign Stream award. These funds enabled furthering the work of the pilot integration of Open Science (OS) principles and practices into UBCO Biology undergraduate instruction – integrations that are embedded, connected, and reinforced throughout the undergraduate curriculum. In addition to pre-existing materials deployed in BIOL 116, 125, and 202, there are new materials tailored to the summer offerings of BIOL 116 and 125, as well as further integrations into the program through BIOL 205. A key aspect of this work has involved streamlining delivery and articulation of common materials across courses – appropriate study designs, statistical tests, data wrangling, etc. – in a Procedures and Guidelines resource, reducing the burden on faculty to redundantly produce these materials and providing students with a single portal for access to best practices to support the principles of OS increasingly being integrated into the courses. Materials (licenced CC-BY-NC) published to date are viewable [here](#).

Current and former undergraduate Biology students are employed to help identify opportunities for OS integrations and connections among courses, and to work with instructors to bring existing materials in line with OS best practices. The procedures and OERs arising from this pilot project are designed to be readily transferrable to other disciplines and undergraduate programs, and efforts to this end are already underway. The long-term (5 year) goal is to offer UBCO Biology students the option to obtain a Certificate in Open Science to complement their main biology degree. If realized, it will include the option of completing a 6-credit capstone or honours research project that fully implements OS best practices.

Unique in Canada and possibly North America, this program aims to create graduate students who, as future researchers, policy-makers, or engaged citizens, are knowledgeable about “reproducibility crisis”

and its causes, can make informed decisions, and are well-equipped to enter workplaces where best practices in OS are increasingly the standard.

These efforts have also begun to cascade further into how OS is supported within Biology, with the integration of OS content streamlined into graduate level courses over the last year and the hiring processes for faculty specifically targeting skills and awareness in OS, continuing to impact developments at the undergraduate level.

While many of our efforts over the last year have focused on undergraduate education and Biology, we have also been exploring ways to support and encourage graduate students more broadly, beginning with initiating a study to report on adherence of theses and dissertations at UBC to best practices in transparent and reproducible research, such as deposit of data. To this end, published guidance for best practices for theses and dissertations is available [here](#), through the CSC.

Campus and Community

The Okanagan Library displays leadership in the establishment of partnerships with campus and community in order to advance the University's strategic initiatives and take our passion and expertise outside the Library's (sometimes virtual) walls.

In 2022, our community partnership initiatives included the British Columbia Regional Digitized History project, growth of the Community Scholars Program pilot, and Pride in Place event. On-campus and inter-campus projects included our Conversation with Waubgeshig Rice event, Honouring Indigenous Writers programming, Indigenous Reads book club, Legacy of Hope exhibit, Postcards Home event, launch of several new Records Management supports and resources, and coordination of a campus food drive.

British Columbia Regional Digitized History (BCRDH)

UBC Okanagan Library through its [BCRDH initiative](#) continues to provide support to regional community memory institutions to grow awareness about their unique local holdings by offering a range of digitization services and a collaborative online platform on which to host these collective digital resources.

Community participation in the BCRDH project continues to grow. 2022 saw the debut of the planned third regional aggregate category, bringing geographic membership to include the Thompson-Nicola areas in addition to the original (2017) Okanagan catchment and subsequent (2020) Kootenay Columbia addition. Currently, 50 community museums, archives and historical societies have contributed content to the platform that provides researchers with access to nearly 80,000 photographs, over 26,000 issues of community newspapers, 800 oral histories, 120 videos, as well as many other formats of archival materials and publications. In 2022, the site received over half a million visits, which is a 186% increase over 2021.

As the initiative concludes its sixth year of activity, it offers an increasingly compelling example of how UBCO can fulfil a promise of being of and for local communities in building virtual pathways to special collections discovery through a service model which is not exclusive to acquisition and ownership. This new cooperative and collaborative paradigm grows the collective capacity of the heritage community

and expands significantly the amount of historical content easily accessible online to support varied research interests.

Community Scholars Program

In 2022, UBC Library entered its second year of involvement with the Community Scholars Program (CSP). The CSP provides BC non-profits and charitable organizations with free access to academic journals and research related to their fields. Many of the 170,000 non-profits and charitable organizations in Canada are doing critical work on social issues, but most have little or no access to academic journals or research unless they are affiliated with a university. CSP provides BC organizations with access to more than 20,000 academic titles at no cost. In addition, the program provides research support, consultations with libraries, communities of practice through workshops and journal clubs.

2022 has been a time of growth and renewal for the CSP. The CSP welcomed the University of the Fraser Valley as the sixth BC academic library in the CSP partnership and expanded the portal collection by adding Policy Commons, a public policy database which contains millions of documents from think tanks, IGOs, NGOs, and research centers. In fall 2022, CSP launched the Information Research Grant opportunity which will soon award two grants (valued at \$6000 each) to successful non-profits who will be able to use this funding to foster information research, such as literature reviews, and advance their research into action.

Using the Theory of Change framework, the CSP has recently embarked on a collaborative process to identify scaling models to strengthen the program in order to increase its impact and strategically sustain their work. The CSP aspires to use this as an opportunity to not only expand the number of seats in the CSP program, and to invite additional institutional partners, but to continue to improve the program for existing and future community scholar participants in other important ways.

Conversation with Waubgeshig Rice

On September 21, 2022, all UBCO community members were welcomed to join esteemed Anishinaabe author and journalist, Waubgeshig Rice, as he spoke about growing up in Wasauksing First Nation and his journey to becoming an author. Inspired by his culture and community to pursue storytelling, Rice shared how cultural revitalization and Indigenous-focused learning led him to a career at CBC and becoming a best-selling author, and how a similar path can inspire others to pursue their passions. This event was presented collaboratively by Indigenous Programs and Services, UBC Okanagan Library, and the Office of the Associate Vice-President Students.

Honouring Indigenous Writers: Reading and Conversation with Kateri Akiwenzie-Damm and Dallas Hunt

On March 7, 2022, UBC Okanagan Library contributed to the hosting of an online reading and conversation with Kateri Akiwenzie-Damm and Dallas Hunt. Kateri Akiwenzie-Damm is a profoundly influential figure in Indigenous literature, founding Kegedonce Press, which has been supporting and publishing Indigenous authors, illustrators, editors, and designers since 1993. Akiwenzie-Damm's latest collection, *(Re)Generation*, edited with an introduction by Cree poet and scholar, Dallas Hunt, contains poetry that explores a range of issues: from violence against Indigenous women and lands to Indigenous erotica and the joyous intimate encounters between bodies.

Indigenous Reads Book Club

From October through December, the UBC Okanagan Library, Indigenous Programs and Services, and the Office of the Deputy Vice-Chancellor and Principal issued an open invitation to the UBCO Community to engage in the collective reading of two books: Waubgeshig Rice's *Moon of the Crusted Snow* and Arthur Manuel's *Unsettling Canada: A National Wake-up Call*. Four meeting times were offered for group discussion, two in person, and two via Zoom, and Canvas course discussion boards were created. This initiative was supported by the Equity Enhancement Fund.

Legacy of Hope Exhibit

In September and October 2022, Indigenous Programs & Services and UBC Okanagan Library worked together to present the Legacy of Hope Foundation's Indian Day Schools in Canada Educational Exhibition. The Legacy of Hope Foundation exhibit uses archival photographs and documents to tell the story of Indian Day Schools in Canada, and all UBC Okanagan community members were encouraged to visit the exhibit in the Library and learn the history and existing intergenerational impacts of the Residential and Day School Systems.

Postcards Home

As part of Global Education Week, UBC Okanagan Library collaborated with the Global Engagement Office to set up a "Postcards Home" event in the Sawchuk Family Theatre. From November 1-3, 2022, students could write, stamp, and send postcards, both domestically and internationally, to friends and family all around the world.

Pride in Place: Historical Representation of 2SLGBTQIA+ Communities in the Okanagan

On October 6, 2022, UBC Okanagan Library partnered with the Museum & Archives of Vernon for a community discussion about the representation of queer history in the Okanagan. Donna Langille, our Community Engagement Librarian hosted special guests for an evening at the Museum & Archives of Vernon that featured a pop-up exhibit, reception, and live taping of the Okanagan QueerStory podcast.

Records Management

New Records Retention and Disposition Schedules (RDS) were approved and implemented in summer 2022. This concluded about 18 months of effort with contributions coming from Records Management (both campuses), University Archives, University Counsel, and the input of users from a variety of units across both campuses. The RDS now stands as the operational records authority for all University records and prescribes the office of primary responsibility, retention periods and triggers, and disposition actions for the majority of record types created and maintained at the University. These new and improved schedules are the first comprehensive calendar for Records Management in the history of the University and are an upgrade to the old Human Resources, Student Affairs, and Finance schedules which were created over 20 years ago.

This year, a Records Management survey was also produced and distributed to employees across both campuses. It was developed with input from Records Management from both campuses, but included many campus-specific questions; the 2022 survey marked only the second time such a study was performed in the Okanagan (the first being in 2016). Its purpose was to promote records management services, guidelines, and training, gauge user satisfaction with RM services, and measure user acceptance to new initiatives developed or being developed by the RM Office. The survey was sent to 169 staff, faculty and managers across the Okanagan campus and 48 responses were received,

representing 28 unique Faculties, Schools, Departments, or Administrative units. The results of the study are being used to guide program focus and development.

One result of the survey was the creation of the new Records Management: Building Blocks for Success workshop series focused on the essentials of RM practices. Survey feedback stated that users were curious about where to find more RM informational resources and interested in receiving personalized training and support. This free, in-person, 3-part professional workshop series is geared specifically towards helping office administrators and all those interested in building order, trustworthiness, and compliance into their recordkeeping practices. The 90-minute sessions provide attendees with counsel, resources, and hands-on practical experience on the essential principles of records management to support their work at UBC. Currently, there are 39 UBCO employees registered for the workshops and groups are completely booked until mid-June.

The Records Management Community of Practice continued through 2022 with 6 meetings and a total attendance of 58. The goal of this community is to provide a shared space for discussion and learning, open to the needs, questions, and concerns of the administrative support teams dispersed throughout UBCO

Taste of Home Food Drive

The UBC Students Union Okanagan, the Global Engagement Office, and UBC Okanagan Library collaborated on a food drive to help stock the shelves of The Pantry student food bank with items for our diverse campus community. Donations were collected on the main floor of the Library from November 4 to 30, 2022.

Spaces and Collections

The Library's resources and facilities are very much at the core of its mission, and we make every effort to be both proactive and responsive in their provision. In addition to the campus Library building, ORL@UBC, the Inclusive Technology Lab, and the downtown Innovation Library, The Commons and makerspaceUBCO, provide students with welcome locations to work, study, and connect.

Spaces

Constellation

[Constellation](#) reimagines and connects a suite of existing media and technology learning spaces at UBC Okanagan under a common framework. Although each of these spaces is unique, they share the vision of empowering learning, supporting campus-wide access, encouraging innovation and enabling creation; much like looking at a constellation rather than a single star, a broader and more enriched view of the potential for media and technology resources on campus, and their inherent interactions, appears when they are considered holistically. This centralized network offers new pathways for interaction, exploration, learning, and discovery, and offers new partnerships and collaborative opportunities for the UBC Okanagan Library.

Constellation includes the Visualization and Emerging Media Studio (VEMS, COM 107), makerspaceUBCO (EME 1256), the Sawchuk Family Theatre (COM 104), the Digital Design Lab & Sound Booth (COM 205), the Library Design & Editing Stations (Main Floor Library), Studio 123 (LIB 123) and the Loans Hub (COM 204).

A collaborative leadership approach involves the core group representing each operational unit in the Constellation; this includes UBC IT Okanagan and the Library, with adjacent support for curriculum design through the Centre for Teaching and Learning (CTL), and participation from the Provost's Office. An informal, dynamic user group made up of faculty and students with an interest in emerging media, innovative design, and experimental pedagogy will soon be formed to provide advice and feedback on, and ideas for, potential initiatives and help to inform decision-making.

makerspaceUBCO

"There's something about the overall vibe of makerspace, it makes you want to get creative and not worry about if it doesn't work out."

- Anonymous makerspaceUBCO user

Permission to fail became the unofficial motto of makerspace this year, as the return to a full capacity campus became reality. Students, staff, and faculty eagerly returned prepared to push their creative limits and the space vibrated with the energy of makers ready to build something new without the fear (or cost) of failure looming over their heads. 2022 has been filled with not only regular daily use (30 hours of open time per week), but also peppered with a variety of event-based activities including but not limited to 20+ tours, 5 camp workshops, 18 club meets, and 1 competition.

Makerspace was able to take the 'pivots' originally created for COVID use, and wield them to build an even more enriching experience for the influx of new students eager for in person encounters. The remote access initially generated to provide distanced 3D printing shifted into an online community, with over 100 members able to collaborate, innovate, and connect with both their peers and makerspace staff via chat and sharing their completed projects. The consultations provided remotely also transitioned to in-person assessments, as our 6 staff are more skilled in project support than ever before. Makerspace staff participated in the creation of some incredibly innovative and sustainable projects, most notably including:

- wearable technology designed by first year students now working with Lululemon: shoes that reclaim the kinetic energy created by walking, delivering a charge to the user's cell phone
- an algae (sourced from UBCV) based air filter that removes CO2 from the air, installable as a visible wall panel
- Water filters for flood/disaster response that harness the sun's power to passively filter and create clean drinking water

Makerspace itself also worked within the most sustainable guidelines possible, shifting to 100% compostable filament, in recyclable packaging. In addition to the conscientious purchasing, a partnership was also developed with local print farm [The Rogerie](#) to give all failed prints a second life: being re-extruded into new filament for future use.

Continuing to provide community enrichment, this year makerspace turned its lens on young makers in the Okanagan. Hosting 5 workshops for makers aged 4-13, attendees were comprised predominantly of groups under-represented in the STEM fields: girls, Indigenous students, and members of the LGBTQIA+ community. Participants were able to experience maker tech, many for the first time, with ample hands-on experiences focused around tangible building. Workshops were partnered with a variety of groups including Geering Up and a major STEM day that catered to 520+ students in grades 3-4 to engage in 25

different experiences across campus. Attendees were able to interact with multiple types of 3D printing, 3D modelling, group making and intro to both design thinking and empathetic design.

Our regular users continue to confirm that makerspace provides more than just a printing opportunity, it holds space for UBCO makers' community. Despite students having alternative printing avenues that require less hands-on work (the Engineering Design Lab, for example) they choose to build and explore with makerspace, forming collaborative groups organically within the space. A partnership has also been formed with student club run 'Hackerspace', a making space which focuses almost exclusively in electronics and software. The mutually beneficial relationship has allowed for a more robust experience in makerspace, generated cross-space level of access to new equipment, and further enhanced project support provided for users of both spaces. As always, makerspace continues to highly value the innovative journey through prototyping rather than simply emphasizing a polished final product. The impactful 1-on-1 support that makerspace is able to provide allows for the entire process, from ideation to finished product, to be held in equally high regard. Working to ensure each aspect of the user experience is as immersive as possible, makerspace provides multiple levels of access, to a variety of users with varying skill levels, while creating both a productive and welcoming space.

"If I want to just get something printed, I go to the EDL. If I want to experience 'making', in every facet and to feel like I belong, I go to makerspace."
- makerspace user 'Jaiden'

Sawchuk Family Theatre

The Sawchuk Family Theatre, located in the Commons (107), engages diverse audiences through the creative use and display of digital media. The theatre boasts a large video wall (16' x 9') and was recently renovated to make the space more inviting and accessible. In 2022, the Sawchuk Family Theatre featured classroom critiques for courses in English, Cultural Studies, and Visual Arts; media showcases for Science Literacy Week, Open Access Week, and the Student Okanagan Film Festival; a launch experience for LGBTQ+ Out Week; and several student club meetings. The Theatre also serves as the gathering point and first stop on campus tours for prospective students.

Visualization and Emerging Media Studio (VEMS)

The Visualization and Emerging Media Studio, located in the Commons (104), is a multidisciplinary space encouraging digital experimentation in immersive realities and big data visualization. The room features a 40-screen 180-degree curved video wall with spatial audio. Users have access to unique hardware and software that enables dynamic 3D models, virtual reality, augmented reality, small interactive demonstrations, and decision theatre experiences. Features from 2022 include an artistic visualization of real-time satellite GPS data (Dr. Megan Smith, Faculty of Creative and Critical Studies), a 360-degree stereoscopic photography experience called "Living with Wildfire" (Andreas Rutkauskas, Faculty of Creative and Critical Studies), and a student exploration of Human-Computer Interaction Interfaces (Dr. Khalad Hasan, Faculty of Science).

Collections

FY23 brought with it the return of an inferior exchange rate, which affects the overall collections budget and prompted a closer review of needs. We were able to utilize a hedge rate that garnered us significant financial savings, but rising inflation on resources and expanding program and course offerings present ongoing challenges.

Fortunately, President's Academic Excellence Initiative funding was awarded to UBC Library (across both campuses) for 2022-2024, allowing us to tap into additional opportunities. We collaborated productively with the Vancouver campus to purchase mutually beneficial ongoing and one-time funded resources.

Another shift we have witnessed this year is in the nature of acquisitions: more funds have moved to supporting the payment of recurring or leased resources, leaving a smaller pool of funds for owned resources and title-by-title ordering of books. Increased inflation is likely to continue this trend.

Open Access Transformative Agreements

UBC Library has continued to investigate and promote a shifting narrative around open access publishing. In 2022, the Library joined institutions from across Canada in a transformative agreement with Cambridge University Press. Already in the works for early 2023 are additional agreements with Wiley, PLOS, and Canadian Science Publishing. These agreements will allow the Library to fully fund open access author processing charges (APCs) for UBC corresponding authors.

As a result of these agreements, researchers and the institution are saving funds that can be repurposed elsewhere. In 2022 we used approximately \$4M CAD of the Library's budget between the two campuses to support these initiatives, with approximately \$900,000 CAD in savings. This comes at no increased cost to the Library's subscriptions but has directly benefitted researchers in savings from grant and other budget lines.

Librarians from both campuses were also interviewed earlier this year for [a piece discussing how transformative agreements impact the Library's role in the open access publishing lifecycle](#).

Streaming Film

Throughout 2022, librarians from both campuses conducted interviews in support of the Ithaka S+R Streaming Project, a deep-dive into faculty approaches to using streaming film in post-secondary environments. In total, UBC contributed 15 interviews to the project, with faculty representation coming from both campuses and a variety of subject areas. The [final report](#) has now been shared we will be working to incorporate the findings into our curriculum support work with faculty.

R.S. Sargent Indigenous Collection

A continued financial gift allowed the Library to purchase over 50 titles in 2022. This year, the funds have directly supported the upcoming Bachelor of Ntē?kepmx Language Fluency program in addition to an overall investment in building the regional focus in our special and general collections.

Electronic Course Materials Affordability Pilot

From Sept. 2021 – Dec. 2022, the Okanagan Library piloted the subscription or purchase of 3 textbooks across 5 courses. This directly supported 58 students across upper level and graduate courses in EESC, POLI, and ENGL, with the Library paying \$6,000 CAD for access to the titles. Additionally, we matched 2 open textbooks for 2 courses in GEOG and COSC, reaching a further 60+ students.

The data from the pilot highlighted the ways that libraries can, when conditions allow, support course textbooks, but also demonstrated that the return on investment would be more significant for higher enrollment courses. In the future, we hope to tailor this support to instances where we can purchase perpetual access to a textbook, or where the number of students supported is better aligned with the

subscription cost of a subscription. As always, the Library will continue to emphasize the importance of OER use and creation, as well as the use of open access publications.

UBC Okanagan Special Collections and Archives

Teaching and learning

Post-pandemic, meaningful engagement between Okanagan Special Collections (OSC) and teaching, learning, and research has accelerated. A focal point of engagement included the opening of an exhibition of the Baird-Bowering collection, UBCO's first notable special literary collection, and culminated in an event featuring a reading from Canada's first Parliamentary Poet Laureate, [George Bowering](#) (OC, OBC).

Complex primary source reference support ranged in topic from the history of the Asian diaspora in the Okanagan, to hydrology and land use in the Peachland Watershed, to investigations of the role of immigration in regional wine production innovation. Funded undergraduate research yielded a digital synthesis of archival soundscapes associated with the [Pocket Desert fonds](#).

Digitization, discovery, access

Digital processing of OSC materials continued throughout the period in relation to the ongoing expansion of the [BC Regional Digitized History](#) project. Online photographic coverage of OSC collections tripled to approximately 2,400 images through the addition of selections of the Doug and Joyce Research Collection. Historical newspaper coverage increased to include the final years of the *Kootenay Express* (2002-2008) and more contemporary issues of the *Kelowna Courier* (1973 and beyond).

Collecting initiatives

In step with prioritized outreach and communication, 2022 saw the BC Wine Territory Memory Project assume a significant role in the development of Okanagan Special Collections. Presentations about the project's modelling and early successes were delivered to wine industry leaders with the support of the BC Wine Grape Council (March), as well as to information management professionals at the Association of Records Managers and Administrators conference (October). With the collaboration of the Faculty of Management, the project prepared and distributed communications materials to the [Wine Leaders Forum](#) (November-December, Napa Valley, CA).

OSC has focused collecting activity in 2022 toward fulfillment of an interest in the documentary traces of the Okanagan wine industry in conjunction with the BC Wine Territory Memory Project. Notable collections include:

BC Grapegrowers' Association (BCGA) fonds (30cm textual records and five photographs, ca. 1961-2010). The archive consists of one box of minutes, resolutions, newsletters and some financial records. The mission of the BCGA is to support the continuing development of the British Columbia grape growing industry, stressing quality, profitability, and sustainability.

BC Wine Grape Council (BCWGC) fonds (2.8m textual records; 19 audio cassettes, ca. 1998-2015). The archive consists of business and financial records, research and development studies, technical publications, and recorded talks on mostly technical aspects of wine grape production. The mission of the BCWGC is to coordinate, facilitate, and fund research and education on viticulture and enology to

broadly benefit the industry and to represent growers on a variety of agriculture-related issues.

John Schreiner fonds (10m textual records, 1000 photographs, 2000 wine labels, 445 audio cassettes, ca. 1939-2021). The archive consists of the collected and primary-source inputs for Schreiner's many written works about the BC wine industry. The fonds consists of research files, interview recordings and transcriptions, correspondence, photographs, and writing drafts. It is accompanied by an extensive wine library, composed of up to 300 books about wine on a global scale. Schreiner's fonds is considered to be among the best chronological records of the BC wine industry.