

Open Standards-Based Development for Discovery & Interoperability

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Link to slides: uviclibrary.github.io/OR2023Pres



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University of Victoria ("UVic") Libraries

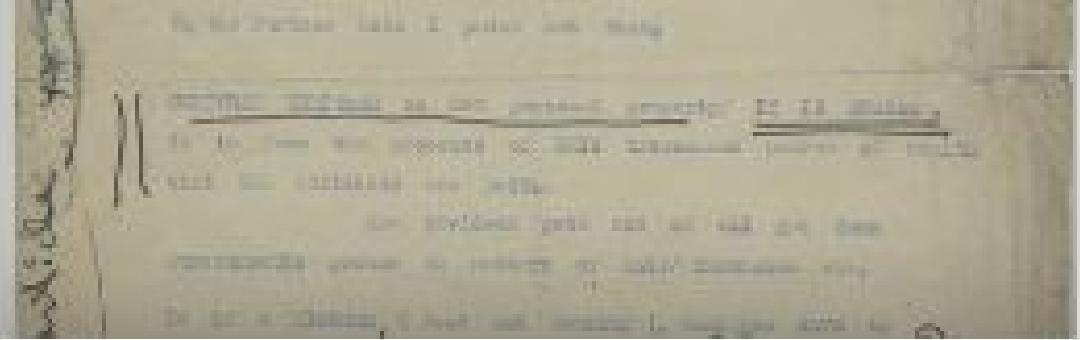
~20,000 students, 900 full-time faculty, 150 library staff

Multiple digital platforms for our collections





Else Lübeck Seel
Digital Collection

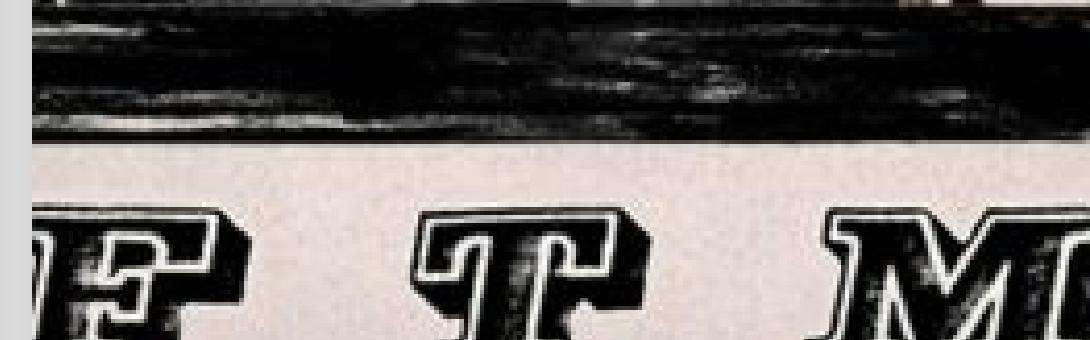


Ezra Pound
Collection

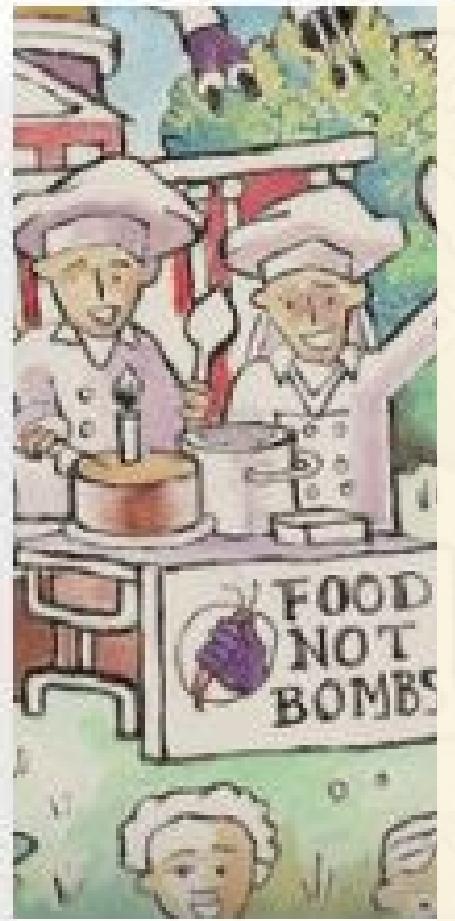


F.T. Prince Collection

Frank Templeton Prince (1912-2003) was an English poet and academic. The collection consists...



FTM



Food Not Bombs
Collection

Vault

Holds digitized materials from Special Collections & Archives, faculty/community partnerships

Customized instance of [Hyku \(Samvera\)](#), migrated from ContentDM starting in 2018

90+ collections, 12000+ works, 98000+ files

2 developers, 2-3 metadata staff working directly in/with [Vault](#) (among other projects)



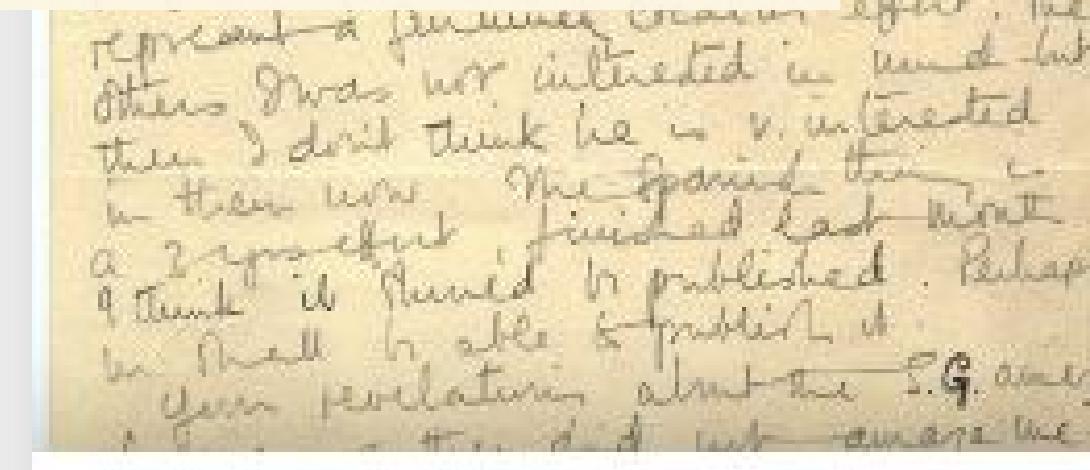
Greater Victoria
Public Library Local
History Collection



HIV In My Day



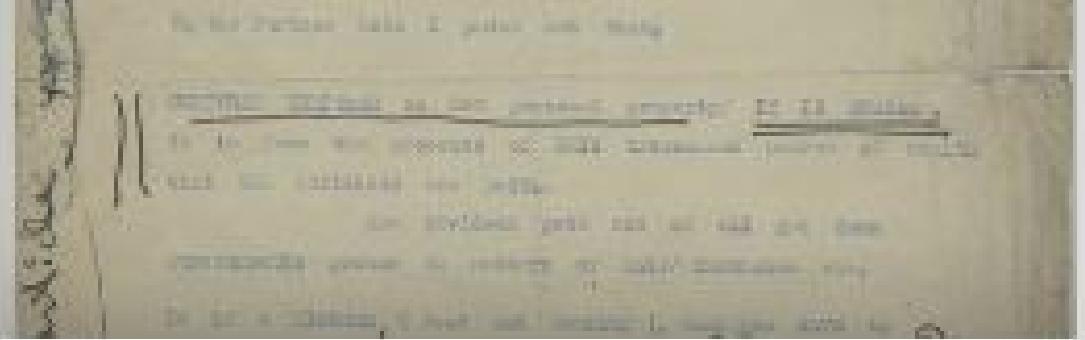
Herbert Geddes



Herbert Read
Collection



Else Lübeck Seel
Digital Collection

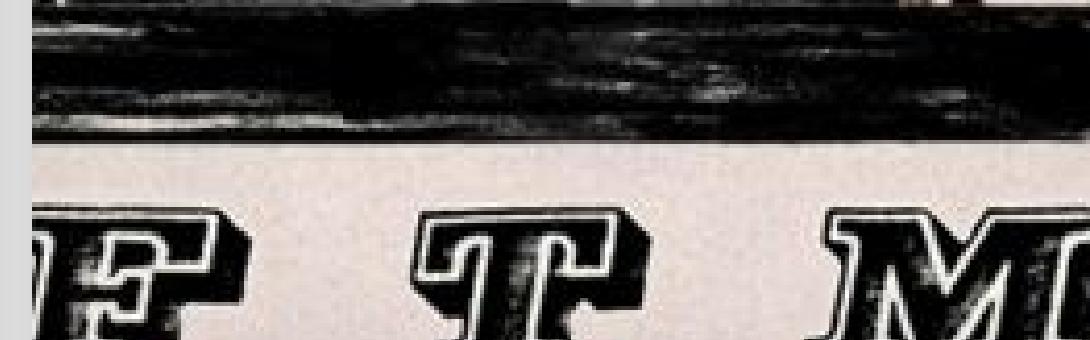


Ezra Pound
Collection

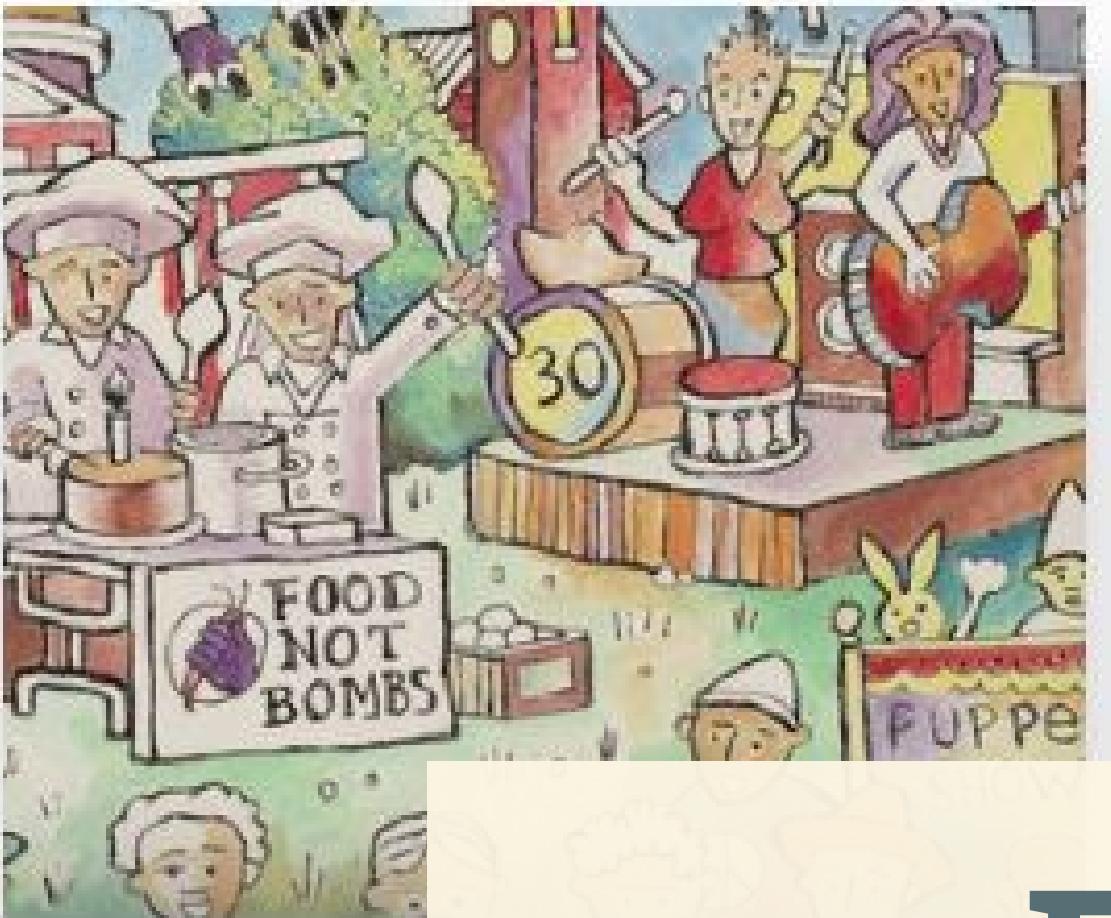


F.T. Prince Collection

Frank Templeton Prince (1912-2003) was an English poet and academic. The collection consists...



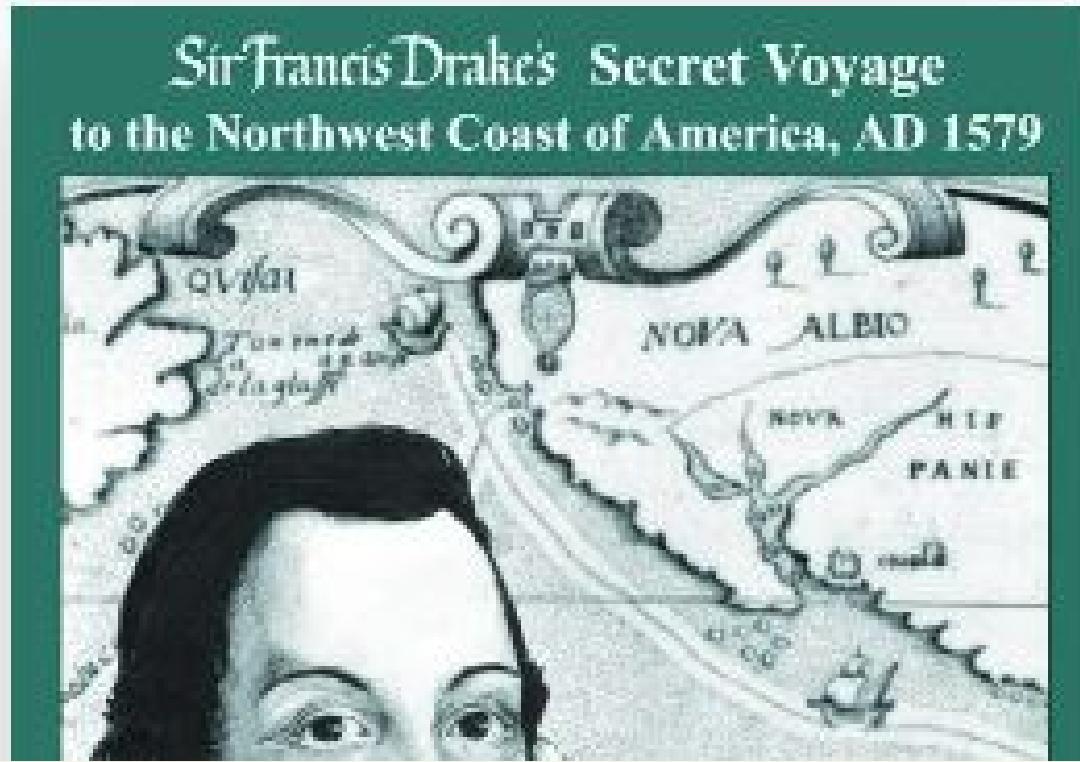
FTM



Food Not Bombs
Collection



Frank and Brenda
Sylvester Collection



From the F.T. Prince Collection



Gisèle Freund
Photographs of
James Joyce in Paris



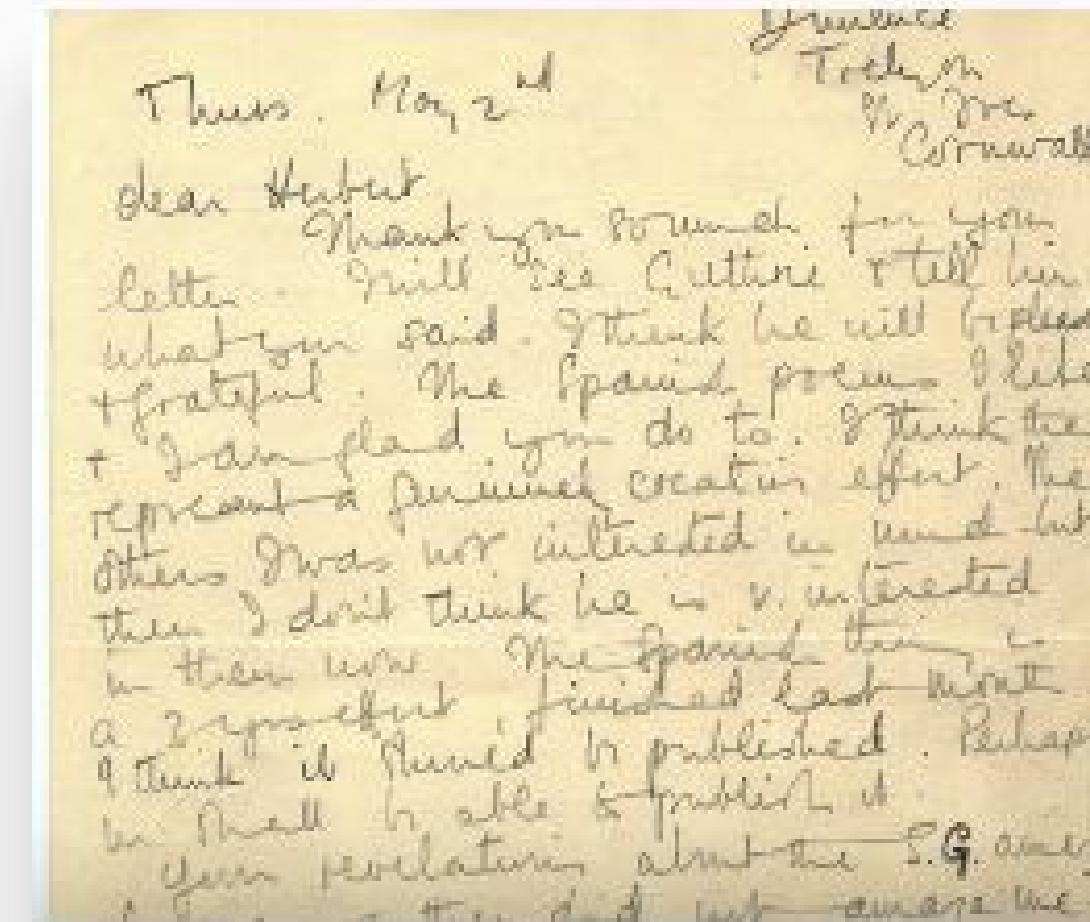
Greater Victoria
Public Library Local
History Collection



HIV In My Day



Herbert Geddes



Herbert Read
Collection

Letter from Sir William Orpen to Lady Beatrice Glenavy (Or-21)

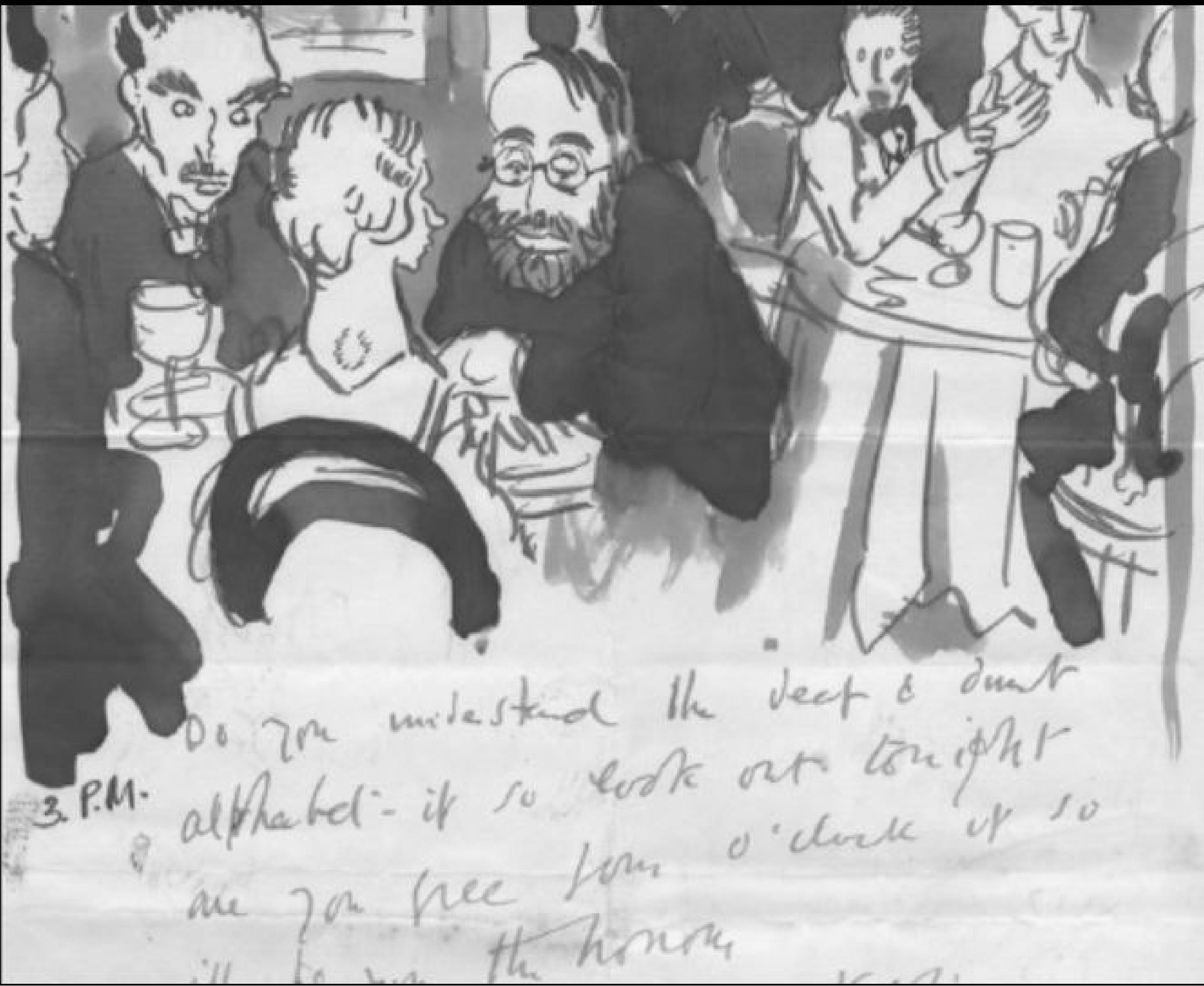
of 8 featured works.

Feature

Analytics

Sir William Orpen
Illustrated Letters

letter from Sir William Orpen to Lady Beatrice Glenavy (Or-21)





A person is painting a landscape scene of a harbor with boats and a forested shore. The painting is done in a traditional style with visible brushstrokes. In the foreground, a small boat with two figures is on the water. The background features a dense forest and a distant shoreline.

Mathew Ko Colour Films: Victoria's Chinatown and Region

Why Migrate? Support for Open Standards

IIIF: automatic manifest generation, image server ([Riiif](#)),
and viewer ([Universal Viewer](#))
Linked Data Platform with [Fedora](#)

Metadata: Linked Data and URI Fields

Field Name(s)	Authority or URI
Provider, Creator, Contributor, Subject, Geographic Coverage, Physical Repository	(OCLC) FAST
Genre	Getty Art and Architecture Thesaurus
Rights Statement	rightsstatements.org , Creative Commons

* See Figure 3 in [our recent article](#) for a more detailed table and discussion of metadata

URIs and Labels on the Backend

```
"creator": ["http://id.worldcat.org/fast/78887"],  
"creator_label": ["Orpen, William, Sir, 1878-1931"],  
"contributor": ["http://id.worldcat.org/fast/2012667"],  
"contributor_label": ["Glenavy, Beatrice Moss Campbell, Baroness, 1883-1970"],  
"subject": ["http://id.worldcat.org/fast/1050538",  
            "http://id.worldcat.org/fast/78887",  
            "http://id.worldcat.org/fast/2012667",  
            "http://id.worldcat.org/fast/1050534"],  
"subject_label": ["Painters--Correspondence",  
                 "Orpen, William, Sir, 1878-1931",  
                 "Glenavy, Beatrice Moss Campbell, Baroness, 1883-1970",  
                 "Painters--Biography"]
```

Labels in the Interface

Creator

Orpen, William, Sir, 1878-1931

Contributor

Glenavy, Beatrice Moss Campbell, Baroness, 1883-1970

Subject

Painters--Correspondence

Orpen, William, Sir, 1878-1931

Glenavy, Beatrice Moss Campbell, Baroness, 1883-1970

Painters--Biography

Accessing Linked Data via the IIIF Manifest or RDF/TTL

Go the page for any work and add /manifest.json or .ttl
to the end of the URL

Example:

vault.library.uvic.ca/concern/generic_works/1a597e67-17a8
-4c97-9c63-c835a41f5474 .ttl

```
1 day, 7 months ago | 1 author (You)  
Extends('Layout.app')  
Section('content')  
Section class="website-content">  
    Div id="sub-header">  
        Div class="height-20p">
```

Why Migrate to Open-Source Software

More flexibility and control over how we describe,
organize, and present our objects and collections

Customized features and interface tools

This repository provides you a development environment without

```
18  
19  
20  
21  
22  
23  
24  
25  
26  
27
```

```
</p>  
<div class="height-30p"></div>  
<div class="d-flex">  
    <a href="/" class="btn btn-primary font-weight-lighter py-2 px-4 w-50">  
    <a href="/" class="d-flex align-items-center justify-content-between w-50">  
          
        <span class="ml-2">Go to GitHub repository</a>  
</div>
```

Extended Date/Time Format

EDTF: a way to express nuanced dates (using symbols) in a way that basic ISO formats cannot

Examples: 1912~ means "approximately 1912"
.../1000 means "Before 1000 (AD)"

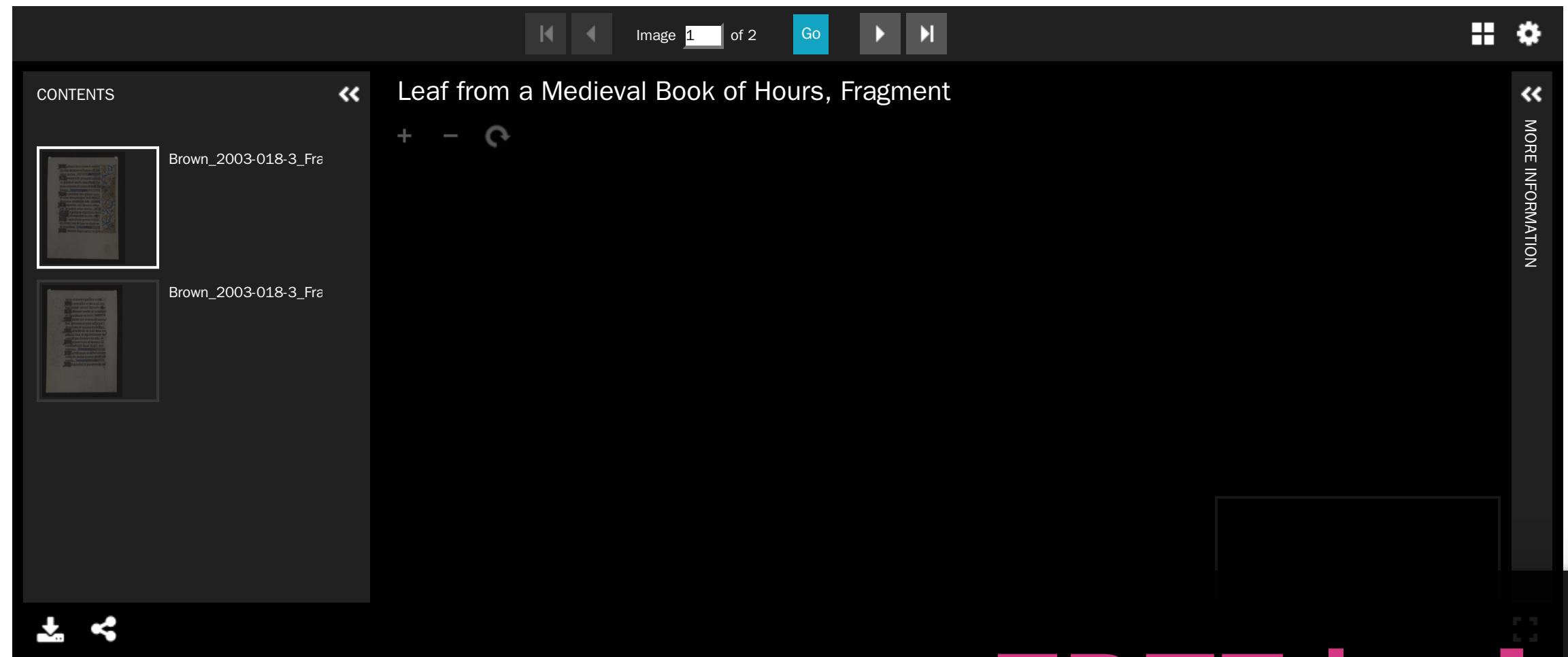
EDTF Date Indexing

Dates are entered using EDTF notation...
And indexed in multiple formats

```
"date_created": ["1476/1500~"],  
"year_sort": "1476-01-01T00:00:00Z",  
"year_range": [1476, 1477, 1478, 1479 ... 1500]
```

[Home](#)

Leaf from a Medieval Book of Hours, Fragment Public

[Analytics](#)[Download PDF transcription](#)

Description and transcription completed by Guifen Jiang, as part of work for a manuscript studies class with Dr. Adrienne Williams Boyarin (ENGL), June 2022:

Audiuit dominus et misertus... Holocaustum et pro peccato non.

Book of Hours: Use of Paris, Matins of the Office of the Dead, Third Nocturn.

Codicology

Single sheet of very thin parchment, creamy and well-preserved. Text is written in one column of 18 lines, in black ink, with burnished gold initials and red and blue splashing of capital letters. Dimensions are 160x110mm, with text block measuring 105x90mm, including the floral border on the recto (105x20 mm). Reddish orange ink used for the ruling visible.

Paleography and Decoration

One scribe for main text throughout, writing Latin in a Gothic Northern textualis, c. 1475–1500. A second hand is responsible for the floral border in the upper and lower part of the pattern. Two types of line fillers are used: a blue and red bar, and a flower.

Textual Remarks

Leaf contains part of Matins of the Office of the Dead, Third Nocturn, according to the Use of Paris. Contents may be compared to ff. 174v3–176r5 of a full Use of Paris Book of the Hours housed at Tufts University (Medford, Tisch Library, Tufts University, MS 2, available online at: <https://dl.tufts.edu/concern/pdfs/r781wt689>).

In Collection:[Medieval and Early Modern Manuscripts Collection](#)**Subject**[Prayers and devotions](#)
[Manuscripts, Medieval](#)
[Manuscripts, Latin \(Medieval and modern\)](#)**Language**[lat](#)**Identifier**[Shelf Mark: Fragn.Brown.Lat.8](#)**Date created**[1476 to approximately 1500](#)**Resource type**[Text](#)**Rights statement**[No Copyright - Non-Commercial Use Only](#)**Extent**[1 leaf ; 160 x 110 mm](#)**Geographic coverage**[France--Paris](#)**Coordinates**[48.85341, 2.3488](#)**Additional physical characteristics**[Vellum, 8 four-lined noted staves. Mounted.](#)**Physical repository**

EDTF in the Interface

Dates are humanized for display. The links in the Date Created field link to faceted searches for items in the same date range.

Welcome to Vault, the digital asset management system used by UVic Libraries to store and provide access to digitized materials both from the rare and unique holdings in Special Collections and University Archives and from UVic Libraries' project partners.

Click on a collection below to get started or use the search bar to search across collections. For additional guidelines on searching Vault, see the [Help section](#).

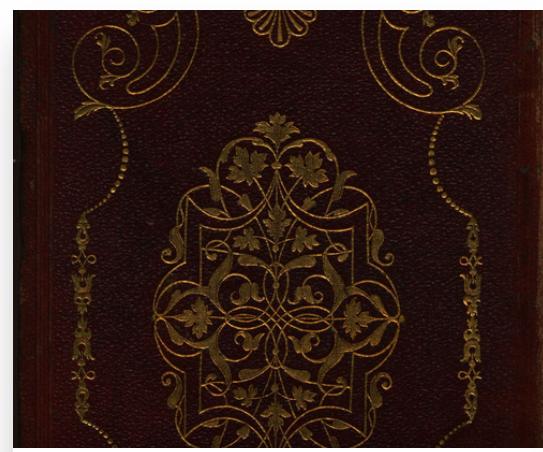
Browse by Genre

[Genre](#) [Time Period](#) [Subject](#) [Place](#)

[Diaries](#) [Historical Maps](#) [Letters](#) [Photographs](#) [Periodicals](#) [Serials](#) [Sound Recordings](#) [Video Recordings](#) [More »](#)

Featured Collections

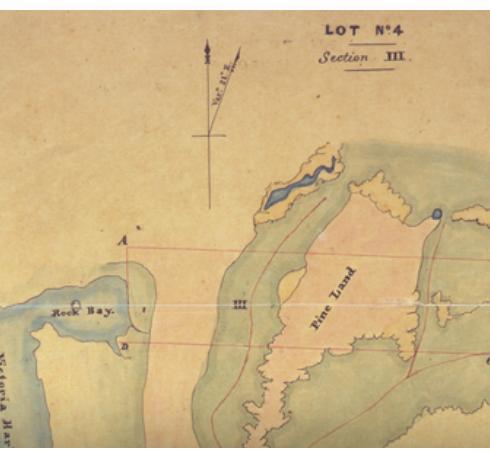
[All Collections](#) [Featured Collections](#) [Featured Works](#) [Recent Collections](#) [Recent Works](#)



19th Century Periodicals



Victoria Feminist Newsletters



Hudson's Bay Company Maps



Transvestia



Victoria's Chinatown, a gateway to the past and present of Chinese Canadians



Community Mapping Project



E.M. Forster Collection



Homepage Facets

Modernism and Post-War Literature

Allows users to filter using broad categories (vault.library.uvic.ca). Users can also browse collections and works visually.

[Home](#)

Interview with Nicki Ward Public

[Analytics](#)[Download video](#) | [Download transcript \(PDF\)](#)

Nicki talks about her work in organizing and implementing the first Toronto Trans March, as well as running for political office.

Narrator Name: Nicki Ward. Interviewer Name: Evan Taylor. Pronouns: She.

In Collection:[Trans Activism Oral History Project](#)

Interactive Video Transcripts

Able Player uses .vtt files (Web VTT format)
to create interactive transcripts for videos
when available.

[Contributor](#)[Nicki Ward](#), [Aaron Brown](#), [Elspeth Taylor](#), [Evan Tarczynski](#)[Publisher](#)[TheArquives](#)
[Transgender Archives](#)[Subject](#)[Activism](#)
[Health care](#)
[C-279](#)
[Trans Memorial](#)
[ID](#)
[Trans March](#)
[Police](#)
[C-16](#)
[Bill C-389](#)
[Toronto](#)
[Political Activism](#)[Date created](#)[January 27, 2020](#)[Resource type](#)[Moving Image](#)
[Text](#)[Rights statement](#)[Creative Commons Attribution-NonCommercial](#)[Geographic coverage](#)[Ontario--Toronto](#)[Coordinates](#)[43.70011, -79.4163](#)[Chronological coverage](#)[2000 to 2020](#)

Running the Code

Code: github.com/UVicLibrary/Vault

Switch to the `docker_multitenant` branch

Instructions: run Vault locally with Docker

On locally developed, open-source software

Not free (\$) but freedom: labour vs. product

More responsive, shorter development cycles

Hannah Frost: tension between customization/sustainability

Thanks!

Tiffany Chan   | tjychan@uvic.ca

Vault: vault.library.uvic.ca

Link to slides: uviclibrary.github.io/OR2023Pres

Slides made with [reveal.js](#)