

Preserving the Digital Footprint

**Navigating Web Archiving Challenges in CMSs at the
University of Calgary**

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Content Management Systems

- A large number of independent CMSs used across campus
- More and more we are finding that units are storing archival and historical records directly in the CMS
- Archives is often consulted at the *very* last minute or not at all
- Variety of competing reasons why units may want to transfer records in a CMS to the archives

Course Outlines

- For almost 20 years some faculties hosted course outlines on a CMS
- Archives was advised merely two weeks before the CMS was to be deactivated
- Outlines were embedded, either directly as PDF or DOC/DOCX, or linked to a separate location where they were available
- Test crawls indicated that not all outlines would be captured
- As all faculties who consulted with the archives had other copies for the majority on internal servers, we decided not to go ahead

Course Outlines

<

Fall 2020

Winter 2021

Spring 2021

Summer 2021

Fall 2021


Winter 2022

Spring 2022

Summer 2022

Fall 2022

>





 Search:

Type in keywords to search for courses listed below

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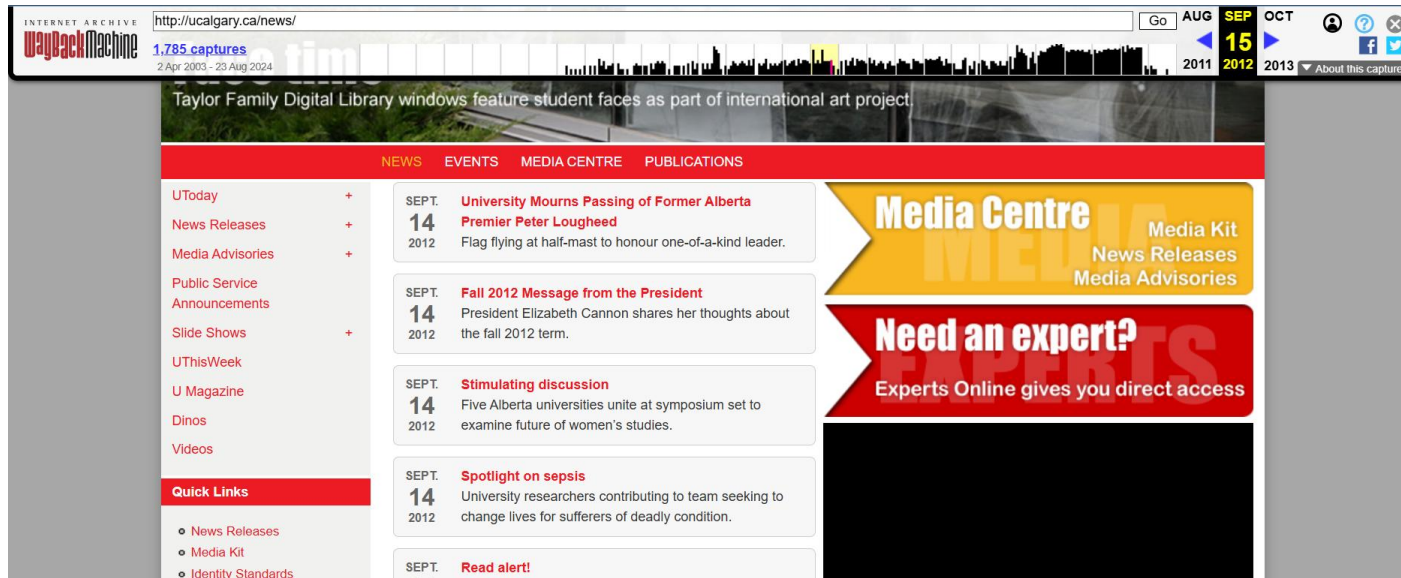
Chemistry

▶ CHEM 201 - General Chemistry: Structure and Bonding	Details
▶ CHEM 203 - General Chemistry: Change and Equilibrium	Details  Syllabus
▶ CHEM 209 - General Chemistry For Engineers	Details  Syllabus
▶ CHEM 301 - The Chemical World	Details
▶ CHEM 311 - Analytical Chemistry: Quantitative Analysis	Details  Syllabus
▶ CHEM 321 - Environmental Chemistry	Details
▶ CHEM 351 - Organic Chemistry I	Details
▶ CHEM 353 - Organic Chemistry II	Details
▶ CHEM 371 - Physical Chemistry: Thermodynamics Chemistry	Details  Syllabus
▶ CHEM 373 - Physical Chemistry: Quantum Chemistry	Details
▶ CHEM 402.01 - Introduction to Research in Chemistry I	Details
▶ CHEM 402.02 - Introduction to Research in Chemistry II	Details
▶ CHEM 409 - Appl Chem & Chem Path For Engg	Details
▶ CHEM 431 - Inorganic Chemistry: Main Group Elements	Details
▶ CHEM 453 - Advanced Organic Chemistry	Details

UCalgary News

- News has been web archived directly by UCalgary since 2019 and via Wayback Machine since 2003
- News initially contacted Archives as they wanted to delete older articles to improve search engine optimization
- News now writes and edits directly in the CMS and has been for some time
- Challenging as images, videos, and documents are often only linked to

UCalgary News



President's message from 2012 was hosted by a local production company that has since gone out of business.

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<http://www.jetvision.tv/embed.aspx?videoID=58107&pla>

Latest

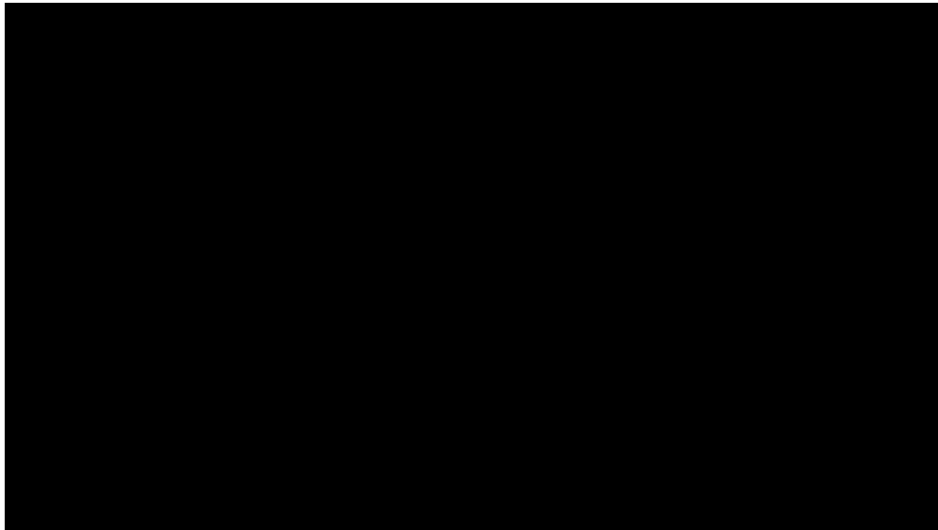
Show All

Hrm.

The Wayback Machine has not archived that URL.

Click here to search for all archived pages under <http://www.jetvision.tv/>.

UCalgary News



UCalgary is changing the landscape of water research

How partnerships and people are working to improve water security locally and globally

[View now](#)

Recent example of a failure to capture a video. This video was hosted on a separate UCalgary site.

Mentorship through Propel Project

Programs like Propel are essential as they provide graduate students with opportunities to apply their knowledge in real-world settings, foster community engagement and promote cultural understanding.

Eng-Hum has been a pivotal figure in this journey. Eng-Hum, who is deeply involved in the Chinatown BIA's Revitalize Chinatown project, emphasizes the importance of Kwong's work and research for her Propel project.

 A woman in a black jacket smiles at the camera

Judy Eng-Hum own experience at Haskayne is what led to her mentorship with the Propel Program.

 Yvonne Nguyen

Recent examples of failure to capture photographs.

UCalgary News

- Started working closely with News to proactively quality check captures
- Working on guidelines for capturing through other means
- As News often access their own archives, buy in has so far been very good for changes as we can demonstrate the value



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Thank You

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