

EDUCATION

MASTER OF FINE ARTS - NEW MEDIA

Department of New Media, University of Lethbridge

Supervisor: Leanne Elias

Thesis: 'Here | Now | Look | See: Information visualizations of recent climate records in Alberta'

Exhibition: The Penny Building Gallery, May 9-15, 2014

2012 - 2014

Lethbridge, Alberta

BACHELOR OF FINE ARTS - NEW MEDIA

University of Lethbridge

2005 - 2010

Lethbridge, Alberta

ACADEMIC POSITIONS

ASSOCIATE PROFESSOR (WITH TENURE)

Department of New Media, University of Lethbridge

JULY 2023 – PRESENT

Lethbridge, Alberta

ASSISTANT PROFESSOR

Department of New Media, University of Lethbridge

JULY 2015 – JUNE 2023

Lethbridge, Alberta

CURRENT PROJECTS

NIITSITAPI RESEARCH POD, ABUNDANT INTELLIGENCES

JULY 2023 - PRESENT

Research Program // indigenous-ai.net/abundant

- An Indigenous-led collaboration funded by the New Frontiers of Research Fund - Transformation Grant
- Principle Investigators: Jason Lewis (Concordia) and Hēmi Whaanga (University of New Zealand)
- Our goal is to expand Artificial Intelligence (AI) by imagining how to conceptualize and design AI based on Indigenous Knowledge (IK) systems

MOOTOOKAKIO'SSIN

JAN 2019 - PRESENT

Research Program // info.mootookakiossin.ca

University of Lethbridge

- An Indigenous-led collaboration between Elders, artists, students, and researchers at the UofL and in the UK.
 - Funded by multiple grants from UofL, SSHRC, and AHRC (UKRI)
 - Our goal is to reunite historical Blackfoot objects held in collections in the UK with their home people and culture using digital imaging tools and art-based public engagement.
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AWARDS / GRANTS / FUNDING

INDIGENOUS RESEARCH ENGAGEMENT AWARD

(CO-APPLICANT)

Title: Revitalising the Blackfoot Digital Library

Collaborators: Danielle Heavy Head, Nicole Eva, Josephine Mills

\$4,995

NOV 2023 - NOV 2024

CONNECTIONS GRANT (SSHRC)

(CO-APPLICANT)

Title: Mootookakio'ssin: building relationships through outreach

Principal Investigator: Josephine Mills, Ph.D.

\$50,000

JULY 2022 - JUNE 2023

AHRC RESEARCH NETWORKING SCHEME

(COLLABORATOR)

Title: Concepts Have Teeth, And Teeth That Bite Through Time

Principal Investigator: Louisa Minkin, Ph.D

£36,069

JAN 2021 - JUNE 2022

NEW FRONTIERS IN RESEARCH - EXPLORATION (SSHRC)

(PRINCIPAL INVESTIGATOR)

Title: *Concepts That Bite Through Time*

Collaborators: Josephine Mills, Jackson 2Bears, Marcus Dostie, Louisa Minkin, Ian Dawson, Andy Jones

\$273,258.28

MAR 2019 - JUNE 2022

UNIVERSITY OF LETHBRIDGE RESEARCH FUND

(CO-PRINCIPAL INVESTIGATOR)

Title: *Concepts have Teeth that Bite Through Time*

Collaborators: Josephine Mills

\$12,000

MAR 2019 - SEPT 2020

TEACHING DEVELOPMENT FUND

(PRINCIPAL INVESTIGATOR)

Title: *Objects As Curriculum*

Collaborators: Josephine Mills, Jackson 2Bears, Marcus Dostie, Louise Barrett

\$2,736

JAN 2019 - APRIL 2019

SSHRC CONNECTIONS GRANT

(CO-APPLICANT)

Title: *You Are Here: an interdisciplinary workshop and knowledge mobilization program*

Principal Investigator: Josephine Mills, Ph.D.

\$48,000

MARCH 2017

CREATIVE OUTPUTS

CONCEPTS HAVE TEETH

NOVEMBER 2022

Web Design and Development // conceptshaveteeth.com

- A website featuring contemporary artworks made in connection with *Mootookakio'ssin* by artists living in Blackfoot Territory and in the UK
- Made with CraftCMS

MOOTOOKAKIO'SSIN

NOVEMBER 2021

Web Design and Development // mootookakiossin.ca

- A online platform for accessing 3D and RTI images of Blackfoot items held in museums in Europe
- Made with React, model-viewer, and WebRTI

FALL RYE LEAGUE

FEBRUARY 2020

Data Visualization // ROAR Exhibition

Mortar and Brick Gallery

- A continuation of a project started in 2015 during a residency in the Data Physicalization Lab.
- Made with Arduino, conductive thread, and beads.

ALBERTA CLIMATE RECORDS

JAN 2016 - PRESENT

Web Design and Development // albertaclimaterecords.com

University of Lethbridge

- A long-term collaboration with Dr. Stefan Kienzle, Professor of Hydrology and GIS.
- Designed for the public to access research by the Kienzle Lab, the website visualizes climate trends and averages for the province of Alberta.

VISUALIZING AGRICULTURE

FEBRUARY - APRIL 2018

Exhibition Animation // <http://chrisann.ca/project/visualizing-agriculture>

Southern Alberta Art Gallery

- Commission from the Data Physicalization Lab for group SAAG exhibition.
- Animation introduced SAAG visitors to the science that inspired the exhibition artwork.
- Created with the GreenSock Animation Platform.

PAST PRESENT FUTURE

MAY 2017 - PRESENT

Web Design and Development // ppf.environmentlethbridge.ca

Lethbridge, Alberta

- A participatory experience exploring Lethbridge's relationship with the environment.
- Exhibition at the Helen Schuler Nature Centre and ULAG Project Channel

WASTELESS

DEC 2015 - PRESENT

Web Design and Development // wasteless.ca

Lethbridge, Alberta

- Educational interactive describing historical and current waste and recycling practices in Lethbridge.

FALL RYE LEAGUE

APRIL 2015

Data Visualization // <http://chrisann.ca/project/fall-rye-league>

University of Lethbridge

- Produced during an artist residency at the Disruptive Imaginings Data Visualization Lab (Now the Data Physicalization Lab), where I explored materials for creating physical interactive visualizations of agronomic data.
- Made with Arduino, conductive paint, and a cork board.

HERE I NOW I LOOK I SEE

MAY 2014

Information Visualizations // <http://chrisann.ca/project/here-now-look-see>

University of Lethbridge

- MFA New Media thesis project in collaboration with Dr. Stefan W. Kienzle.
- The work explores methods for designing information visualizations about complex topics like climate change.
- Has evolved into an ongoing project - albertaclimaterecords.com

PUBLICATIONS

PEER REVIEWED PAPERS CONFERENCE PAPERS

MOOTOOKAKIO'SSIN DISTANT AWARENESS

Museum Ethnographers Group Conference

Co-authors: Thomas Allison, Alison K. Brown, Alison Clark, Ian Dawson,

Danielle Heavy Head, Andrew Merion Jones, Louisa Minkin, Melissa Shouting

APRIL, 2022

Edinburgh, Scotland

OBJECTS AS CURRICULA: RETHINKING THE CAPACITIES AND AFFECTS OF BLACKFOOT MATERIAL ARTEFACTS

Nordic Theoretical Archaeology conference

Co-authors: Thomas Allison, Alison K. Brown, Alison Clark, Ian Dawson, Danielle Heavy Head, Andrew Meirion Jones, Louisa Minkin, Melissa Shouting

APRIL, 2022

Oslo, Norway

HERE I NOW I LOOK I SEE

Meeting of the Minds 2014

MARCH 15, 2014

Lethbridge, Alberta

ECOTONE: FINDING COMMON GROUND ACROSS ART, SCIENCE AND RANCHING

Design Research Society 2014 Conference

Co-authored with Leanne Elias

JUNE 16 – 19, 2014

Umea, Sweden

BOOK CHAPTERS

ENGAGING AUDIENCES WITH DIGITAL BLACKFOOT OBJECTS ONLINE AND IN THE GALLERY

Diffracting Digital Images: Art, Archaeology, and Cultural Heritage // Routledge

Co-authored with Melissa Shouting, Danielle Heavy Head, and Josephine Mills

DEC 2021

London, England

COMPLEX SOCIAL CHANGE : NEXT STEPS IN RESEARCH

Complex Social Change // University of Lethbridge Art Gallery

Co-authored with Emily Luce

APRIL 2015

Lethbridge, Alberta

PRESENTATIONS

INVITED PRESENTATIONS

WEAVING WORLD VIEWS

Public Professor Series // University of Lethbridge

JUNE 2022

Lethbridge, Alberta

MOOTOOKAKIO'SSIN

EleV Network Gathering // University of Lethbridge

JUNE 2022

Lethbridge, Alberta

MOOTOOKAKIO'SSIN: NIITSITAPI DIGITAL PROJECT

Widening the River Symposium // University of Lethbridge

JUNE 2022

Lethbridge, Alberta

OBJECTS AS CURRICULUM

Council of Prairie and Pacific University Libraries // Fall meeting

SEPTEMBER 12, 2019

Lethbridge, Alberta

HOW WE CAME TO STUDY THE THINGS WE DO

Women Scholars' Speaker Series

NOVEMBER 22, 2017

Lethbridge, Alberta

THE FALL RYE LEAGUE

Agriculture and Agri-Food Canada // Lethbridge Research Centre

APRIL 21, 2015

Lethbridge, Alberta

ARCHITECTURE & DESIGN NOW

University of Lethbridge

OCTOBER 27, 2014

Lethbridge, Alberta

CONFERENCE PRESENTATIONS

OBJECTS AS CURRICULUM WORKSHOP

Indigenous Mobilities Conference // Originally scheduled Paris in 2020

JUNE, 2021

Online

MOOTOOKAKIO'SSIN: BLACKFOOT DIGITAL PROJECT

MuseumNext Digital Summit

FEB, 2021

Online

OBJECTS AS CURRICULUM

Spark Teaching Symposium // University of Lethbridge

APRIL 26, 2019

Lethbridge, Alberta

AN ART/SCIENCE ALLIANCE

Alberta Museums Associate Conference

SEPTEMBER 21, 2018

Canmore, Alberta

THE ART OF MAKING NEW MEDIA

Digital vertigo: A New media Symposium // University of Lethbridge

MAY 2017

Lethbridge, Alberta

EXTERNAL REVIEWER

MULTIDISCIPLINARY REVIEW PANEL MEMBER

2020 Competition of New Frontiers in Research Fund Exploration Stream

DEC 2020

ACADEMIC AWARDS

THE SCHOOL OF GRADUATE STUDIES MEDAL OF MERIT

University of Lethbridge

For highest academic achievement in the M.F.A. 2015 program.

MAY 2015

TEACHING

UNDERGRADUATE TEACHING

Department of New Media, University of Lethbridge

NMED 2000 - Interactive Technology: Web Essentials

NMED 2150 - The History and Theory of New Media

NMED 3520 - Web Design and Development

NMED 3630 - Mobile Application Development

NMED 3850 - Typography

NMED 4520 - Advanced Web Design

NMED 4690 - Advanced Studio

NMED 4720 - The Dynamic Web

SEPT 2015 – PRESENT

Lethbridge, Alberta

GRADUATE SUPERVISION

Department of New Media, University of Lethbridge

Lidija Sijacic, MFA New Media Candidate (expected 2024)

SEPT 2022 – PRESENT

Lethbridge, Alberta
