

CURRENT POSITIONS

ASSISTANT PROFESSOR

New Media Department, University of Lethbridge

- Teaching and researching in New Media and Web Design and Development

JULY 2015 – PRESENT

Lethbridge, Alberta

FREELANCE GRAPHIC DESIGN & WEB DEVELOPMENT

- Production of creative material and design solutions for local and national organizations

JULY 2010 - PRESENT

EDUCATION

MASTER OF FINE ARTS - 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

TEACHING

UNDERGRADUATE TEACHING

University of Lethbridge // New Media Department

NMED 2000 - Interactive Technology: Web Essentials

NMED 2150 - The History and Theory of New Media

NMED 3520 - Web Design and Development

NMED 3850 - The Dynamic Web

NMED 3850 - Mobile Application Development

NMED 4520 - Advanced Web Design

SEPT 2015 – PRESENT

Lethbridge, Alberta

GRADUATE TEACHING

University of Lethbridge // New Media Department

NMED 5151 - The History and Theory of New Media

FALL 2016

Lethbridge, Alberta

INDEPENDENT STUDY SUPERVISION

University of Lethbridge // New Media Department

NMED 3990 - Responsive Design: CSS Grid Layouts

NMED 4990 - Web Application and Physical Computing

NMED 4990 - Approaches for Responsive Design

NMED 4990 - Web Virtual Reality and Gesture Controls

NMED 4990 - Web Application Development for User Generated Content

NMED 3990 - Gaming Frameworks for the Web

JAN 2017 - PRESENT

Lethbridge, Alberta

TEACHING ASSISTANT

University of Lethbridge // New Media Department
NMED 2010 A & B – Visual Communications
NMED 3990 – Data Visualization
NMED 4690 – Advanced Studio & Undergraduate Thesis
NMED 2005 A & B – Design Fundamentals

SEPT 2012 – MAY 2014
Lethbridge, Alberta

GRANTS

SSHRC NEW FRONTIERS IN RESEARCH - EXPLORATION

(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 - MAR 2021

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

RESEARCH

OBJECTS AS CURRICULUM

Research Group // blackfoot.cctbd.ca

- A collaboration with researchers at the UofL and UK, Blackfoot Elders, artists, and students.
- Funded by the SSHRC New Frontiers in Research Fund and University of Lethbridge Research Fund.
- 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.

JAN 2019 - PRESENT

University of Lethbridge

LEVEL 2: LICHEN LAB

Research Group // lichenlab.ca

- Research partnership with Dr. Josephine Mills (Art) and Dr. Louise Barrett (Psychology)
- Studying the relationship between public engagement and enactive cognition.
- **Roles:** Logo design, supervision of website design and development and podcast.

FEB 2017 - PRESENT

University of Lethbridge

DISRUPTIVE IMAGININGS

JUNE 2014 - 2017

Collaborator // One Earth

- The first convening of a think-group of futures, sustainability, art, and design experts.
- **Focus:** The possibilities in engaging the public in imagining positive and sustainable futures through the arts.

NEW MEDIA INTERSECTIONS

MAR 2013 – MAY 2014

Research Assistant // newmediaintersections.com

Lethbridge, Alberta

- Principle Investigator: Leanne Elias
- Research project exploring where traditional artistic practice and emerging technologies overlap.
- Study conducted through video interviews with Art and New Media luminaries.
- **Roles:** logo and website design, interviewing SXSW 2013 Interactive presenters.

COMPLEX SOCIAL CHANGE

SEPT 2012 – MAY 2014

Research Assistant // complexsocialchange.com

Lethbridge, Alberta

- Principle Investigator: Josephine Mills, Ph.D.
- Interdisciplinary research project investigating how complex changes in society are made.
- **Roles:** design and management of website, exhibition design, and event promotion.

PROJECTS

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
- **Roles:** Project management, creative direction, web design and development.

WASTELESS

Web Design and Development // wasteless.ca

- Educational interactive describing historical and current waste and recycling practices in Lethbridge.
- **Roles:** Project management, creative direction, web design.

DEC 2015 - PRESENT

Lethbridge, Alberta

FALL RYE LEAGUE

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

- 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.

APRIL 2015

University of Lethbridge

HERE I NOW I LOOK I SEE

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

- 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

MAY 2014

University of

PRESENTATIONS / PUBLICATIONS

INVITED PRESENTATIONS

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

VISUALIZING CLIMATE CHANGE

Alberta Beef Producers // Environment Committee Meeting

FEBRUARY 12, 2016

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/PANELS

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

PEER REVIEWED PRESENTATIONS/PAPERS

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

ARTICLES

COMPLEX SOCIAL CHANGE : NEXT STEPS IN RESEARCH

Complex Social Change // University of Lethbridge Art Gallery

Co-authored with Emily Luce

APRIL 2015

Lethbridge, Alberta

ACADEMIC AWARDS

FACULTY TRAVEL AWARD

Research and Innovations Services // University of Lethbridge

For attending the Web Unleashed Conference in Toronto, Ontario

SEPT 2016

THE SCHOOL OF GRADUATE STUDIES MEDAL OF MERIT

University of Lethbridge

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

MAY 2015

PROFILING ALBERTA'S GRADUATE STUDENTS AWARD

Alberta Scholarships Program

For presenting at the Design Research Society 2014 Conference in Umea, Switzerland.

JULY 2014

PROFESSIONAL ACTIVITIES

MENTOR

Ladies Learning to Code // Girls Learn to Code Day

• Volunteered as a mentor for a full day workshop where attendees created websites from scratch.

NOVEMBER 7, 2015

Lethbridge, Alberta