

Meg (Megan) Berry, PhD

Archaeologist, Rock Art, and Cultural Heritage Management Specialist

Owner and Operator, Seed Cultural and Environmental Heritage Ltd.

Ph: 403 715 1879

Email: meg.seedheritage@gmail.com

EDUCATION

PhD

Awarded July 2018

Department of Archaeology, School of Social Science
University of Western Australia, Perth, Australia

Master of Arts

Awarded December 15, 2011

Cultural & Environmental Heritage
The Australian National University

Graduate Diploma

Awarded April 12, 2011

Archaeology
Flinders University of South Australia

Bachelor of Fine Arts

Awarded October 13, 2007

Art, Art History & Archaeology
University of Lethbridge, Alberta, Canada

PROFESSIONAL APPOINTMENTS

Stoney Tribal Administration

July 2020- Present

ARCHAEOLOGICAL CONSULTANT

Provide archaeological, cultural, heritage support to Stoney Consultation. Support Traditional Land Use Surveys, GIS and mapping, field work, Elder interviews and community consultation, and co-development of reporting.

Arrow Archaeology Ltd

September 2010- Present

SENIOR ARCHAEOLOGIST

Cultural management, interpretation and archaeological/heritage work related to historical resource impacts, public education, research, mitigation, and excavation of archaeological sites. Undertake Traditional Land Use surveys with the Treaty Seven and Six First Nations groups. Attend ceremonies with First Nations groups, learn about traditional protocols, and provide support on GIS work, legal assessments, reporting, and recommendations to each of the different Bands. Lab work and analysis (including lithic, shell, tusk and bone material), compilation and editing of interim and final report, summarizing previous literature, statements of justifications, site and feature maps, artefact cataloguing, and historic overviews. Preparation of material for C14 and OSL dating; and the interpretation of results.

Alberta Parks Writing on Stone/ Áísínai'pi

July 2017- December 2019

PARK ARCHAEOLOGIST

Manage, monitor and conserve cultural and archaeological sites located within Writing on Stone/ Áísínai'pi Provincial Park, and other Parks within the South Region and Kananaskis.

Develop and implement innovative monitoring and heritage protection programs within the Park. Developed grants and programs that incorporated citizen science initiatives within the Park. Manage and maintain artefacts housed within the Park (including cataloguing, recording and conservation planning). Develop and maintain relationships with Parks Canada, The Alberta Government Ministry of Culture, Multiculturalism, and the Status of Women, The Royal Alberta Museum, Head Smashed in Buffalo Jump, First Nations communities including: The Blackfoot, Treaty Six and Seven First Nations, and Metis communities, local community organizations and community members, the University of Lethbridge, the University of Alberta, and Queens University; as well as other stake holder groups including the international community (UNESCO and ICOMOS). Active member of the World Heritage Nomination team for the 2018 UNESCO World Heritage Designation. Developed and supported the implementation of policy that provides open access to First Nations groups at Writing on Stone/ Áísínai'pi when undertaking Ceremony or use of the park for traditional purposes. Develop and deliver cultural heritage programming within the Park. Research of archaeological, geological and palaeontological resources. The development of conservation practices derived from Best Practice standards.

ELM Consulting
September 2017- Present

ARCHAEOLOGIST

Assist in Traditional Land Use surveys with the Treaty Four, Six and Seven First Nations groups. Cultural resource management, interpretation and work related to historical resource impacts, public education, research, mitigation and excavation of archaeological sites. Compilation of interim and final reports. Consulting and working alongside First Nations groups to identify recommendations regarding cultural heritage protection and management.

University of Western Australia
Centre for Rock Art Research and
Management
March 2013 – December 2015

GRADUATE RESEARCH ASSISTANT

Research assistant to Professor Jo McDonald. Specialist rock art projects for industry, consultation with Australian Indigenous groups regarding the preservation and conservation of heritage, database management, illustration, general research, generating 3D models, mapping using ARC GIS, and the preparation of archaeological and sediment material for C14 and OSL dating analysis.

**Ironbark Heritage and the
Environment**
February -July 2010

FIELD ARCHAEOLOGIST

Assisted in field surveys and excavations in the remote Pilbara region of North Western Australia for BHP Billiton. Worked alongside Traditional Owners while working towards the best resolution for management of heritage sites. Sorted excavated material for examination and dating, washed and catalogued material, as well as used the wet sieve to collect organic

material. Worked within a team to provide the most efficient and effective coverage of the survey areas within the time provided.

Australian National University
August 2010- June 2011

RESEARCH ASSISTANT

Research assistant to Dr Sally K. May. Aided Dr May in the form of historical and background research for archaeological and cultural heritage projects. Assisted in remote field work in Arnhem Land, Northern Territory Australia. Preliminary research, and field work for the Gunbalanya Cultural Heritage Management plan which provided an opportunity to liaise with Traditional Owners and community members.

TEACHING APPOINTMENTS

University of Lethbridge
Summer Semester 1 2017-2019

INSTRUCTOR

ARKY 3400A- ARCHAEOLOGY OF ROCK ART. Develop, manage and deliver course material. Instruct and lead students through the semester. Developed and marked tutorial worksheets, essays, and exams. Provided mentorship and assistance to students throughout the semester.

Summer Semester 2 2017-2019

ARKY 3990- ROCK ART MONITORING FIELD SCHOOL. Instruct and lead students during rock art monitoring field work. Provide mentorship and assistance to students through field work, data management, and reporting.

Stoney Nakoda First Nations
and Environmental Leadership
Matters
February 2017

TUTOR

Archaeological and Cultural Resource Management and Monitoring Workshop

Outlined and developed guidelines for the Management and Monitoring of Archaeological and Cultural Resources.

University of Western Australia
Semester 1 2015
Semester 1 2016

TUTOR

ARKY 1001- INTRODUCTION TO ARCHAEOLOGY. Instruct and lead students through the semester. Developed and marked tutorial worksheets, essays, and exams. Provided mentorship and assistance to students throughout the semester.

Field Season 2014
Field Season 2015

ARKY 2004- ROCK ART. Instructed and lead students through the topic of rock art conservation and management.

ARKY 2005- Rock ART FIELD SCHOOL. Assisted in leading the rock art field school for two seasons over 2014 and 2015. Duties included liaising with Traditional Owners, responsible for field school safety, and data management.

SUPERVISION OF STUDENT LEARNING

Earth Pigment Project

2019-2020

Partners: Alberta Parks, GoA
Ministry of Culture,
Multiculturalism, and the Status
of Women, Queens University,
and The University of Alberta

Developed program focusing on pigment characterization and Indigenous views on the conservation and management of pigment rock art sites. Supported field work, data collection, and Indigenous community engagement and consultation with Master's Student Emilee Lawrence from Queens University.

**Geological Scanning of World
Heritage Listed Landscape
Features at Writing on Stone/
Áísínai'pi.**

Supported independent study student Holly Dalton; funded by NSERC and supervised by Prof. Christopher Hopkinson of the University of Lethbridge. The project focused on using LiDAR and photogrammetry to record landscape features within Writing on Stone/ Áísínai'pi.

**Best Practice in Managing
Heritage Places.**
2018

Supervised University of Lethbridge student Laura Sonnenberg during an independent study which focused on "Best Practice" when managing heritage places. Course included: spatial analysis, grant writing, and artefact cataloguing and analysis.

**Writing on Stone Mass Wasting
Survey and Literature Review
with Observations from the
North Bank.**
2018

Supervised University of Lethbridge student Joan Peterson who undertook a spatial analysis of geological mass wasting of sandstone features located within Writing on Stone/ Áísínai'pi.

GRANTS AWARDED

**Alberta Environment and Parks
Innovation Grant 2019: Instilling
Ownership of the Past Through
a Public Archaeology Initiative at
Writing-on-Stone / Áísínai'pi**

This project was a unique and authentic citizen science initiative that promotes stewardship within the Parks system, while also fostering inclusion of the Blackfoot cultural and historic perspective and enhancing partnerships with the scientific community and stakeholder groups. \$14,300.00 was awarded for the program.

PUBLICATIONS

McDonald, J. and M. Berry 2015

Murujuga, North western Australia: When Arid Hunter-Gathers Became Coastal Foragers. *The Journal of Island and Coastal Archaeology* 12(1):24-43.

THESES

Berry, M. 2017

Murujuga Desert, Tide and Dreaming: Understanding Early Rock Art Production and Lifeways in Northwest Australia. Unpublished PhD Thesis. Perth: The Australian National University.

Berry, M. 2011

Dissecting Yams: Yam Figures in the Rock Art of Arnhem Land and Kakadu. Unpublished Master of Liberal Arts Thesis. Canberra: The Australian National University.

REPORTS

2020

Hamza, A. and M. Berry 2020 Archaeological Impact Assessment Final Report Bus Storage Facility and Dog Park in the Banff Industrial Area, Banff National Park. Parks Canada Permit BAN-2020-35457. Unpublished report to Parks Canada.

Hamza, A. and M. Berry 2020 Archaeological Impact Assessment Interim Report Bus Storage Facility in the Banff Industrial Area, Banff National Park. Prepared for Town of Banff. Parks Canada Permit BAN-2020-35457. Unpublished report to Parks Canada.

Hamza, A. and M. Berry 2020 Archaeological Impact Assessment Interim Report Dog Park in the Banff Industrial Area, Banff National Park. Prepared for the Town of Banff. Parks Canada Permit BAN-2020-35457. Unpublished report to Parks Canada.

Berry, M. and A. Hamza 2020 Historical Resources Impact Assessment Final Report Isolation South Project CEP 2020. Archaeological Research Permit #20-092. Prepared for Atrum Coal. Unpublished Report to Alberta Culture.

Hamza, A. and M. Berry 2020 Historical Resources Impact Assessment Final Report Isolation South Project. Archaeological Research Permit #19-166. Prepared for Elan Coal. Unpublished Report to Alberta Culture.

For Alberta Environment and Parks, 2017-2019.

Berry, M, et al. in prep 2019 Writing-on-Stone / Áísínai'pi National Historic Site Rock Art Monitoring Program Final Report (AC Permit 19-096). Unpublished Report to Alberta Culture.

Berry, M, M. Laliberte, C. David in prep 2018 Writing-on-Stone / Áísínai'pi National Historic Site Rock Art Monitoring Program Final Report (AC Permit 18-094). Unpublished Report to Alberta Culture.

Berry, M and C. Weasel Moccasin 2019. Traditional Access Protocols for Writing-on-Stone / Áísínai'pi Provincial Park. Unpublished Report to Alberta Environment and Parks.

Domes, A., M. Berry, J. Brink, M. Klassen, W. Unfreed, C. Weasle Moccasin 2019 Writing-on-Stone / Áísínai'pi (Canada) Response to ICOMOS Interim Report Regarding the World Heritage Nomination. Unpublished Report to ICOMOS.

Domes, A., M. Berry, J. Brink, M. Klassen, W. Unfreed, C. Weasle Moccasin 2018 Writing-on-Stone / Áísínai'pi (Canada) Response to Request for Further Information by ICOMOS Regarding the World Heritage Nomination. Unpublished Report to ICOMOS.

Berry, M, R. Nicholson, D. Rossetti 2017 2017 Writing-on-Stone / Áísínai'pi National Historic Site Rock Art Monitoring Program Final Report (AC Permit 17-093). Unpublished Report to Alberta Culture.

Berry, M, L. Gosse, and L. Sonnenberg 2016 2016 Writing-on-Stone / Áísínai'pi National Historic Site Rock Art Monitoring Program Final Report (AC Permit 16-026). Unpublished Report to Alberta Culture.

For the Centre for Rock Art Research and Management. University of Western Australia 2013-2016

McDonald, J. and M. Berry 2015 Detailed recording of Site De-SH2: Preliminary Draft Report of Site Location and Assessment (Level 2) Archaeological recording, Photogrammetry and Laser scanning at West Angelas, East Pilbara. Unpublished report Rio Tinto Iron Ore on behalf of the Robe River Mining Company.

For Arrow Archaeology 2012-2013

Boras, D. and M. Berry 2013 City of Lethbridge- South Siphon Infrastructure Project, Oldman River Valley, Lethbridge, Alberta. Historic Resource Assessment Final Report. Unpublished Report to Alberta Culture

Note: All reports listed here are co-authored and edited by Arrow Archaeology staff. Reporting includes:

Boras, D. and M. Berry 2013 City of Lethbridge- South Siphon Infrastructure Project, Oldman River Valley, Lethbridge, Alberta. Historic Resource Assessment Final Report. Unpublished Report to Alberta Culture:

- Background Research
- Illustrations
- Results synthesis
- ARC GIS mapping

Boras, D. and M. Berry 2013 City of Lethbridge- South Siphon Infrastructure Project, Oldman River Valley, Lethbridge, Alberta. Historic Resource Assessment Final Report. Unpublished Report to Alberta Culture.

Boras, D., M. Berry and N. Mirau. 2012 Alta Link Cassils-Bowmanton-Whitla 240 kV Transmission Line Winter 2 Construction. Historic Resource Assessment Final Report. Unpublished Report to Alberta Culture

Boras D. and M. Berry. 2012 Alta Link Cassils- Bowmanton- Whitla 240 kV Transmission Line Winter 1 Construction. Historic Resource assessment Final Report. Unpublished Report to Alberta Culture.

Boras, D. and M. Berry. 2012 Alta Link Black Springs Ridge Facility Interconnection. Historic Resource Assessment Final Report. Unpublished report to Alberta Culture.

Boras, D., C. Temoin and M. Berry. 2012 City of Lethbridge Water Treatment Plant Coulee Fill Site Section 25 and 36 Township 8 Range 22 W4M. Historic Resource Assessment Final Report. Unpublished Report to Alberta Culture.

Boras, D., C. Temoin and M. Berry. 2012 Husky 16-31-22-12 W4 to 16-36-22-12 W4 Pipeline. Historic Resource Assessment Final Report. Unpublished Report to Alberta Culture.

Boras, D., C. Temoin and M. Berry. 2012 GeoTir South Fort McLeod 2011 2D Twp. 7-8, Rng. 25-26, A11-565. Historic Resource Assessment Final Report. Unpublished Report to Alberta Culture

PERMIT HOLDER

Alberta Archaeological Permit Holder (Alberta Culture, GoA).

NON-PROFESSIONAL APPOINTMENTS

Archaeology Society of Alberta
2019 Vice President and Secretary.

University of Western Australia
2015-2016 Postgraduate Student Association Student Representative and Events Co-ordinator and Manager

Australian Archaeological
Association
2015-2016 Student Representative

Volunteer Engagements

Crowsnest Cave Rock Art Site
2020 Preliminary support for the development of a Management Plan to support overall conservation of rock art within the site area and the Crowsnest Pass.

Milk River Alberta
2020 Assisting local resident and the Milk River Historic Society in the setup of the local Museum and the identification and classification of First Nations artefacts.

Archaeological Society of
Alberta – Lethbridge Chapter
2018-2019 Support community events and school outreach programs that educate the public on the heritage located in Southern Alberta.

Alberta Health Services,
Chinook Regional Hospital
2017-2018 Supported and advised the Recreation Therapy Department on the development of an Indigenous healing and art program “SOAR”.

CONFERENCE ORGANIZING COMMITTEES

Conference Convenor & Member of Conference Organizing Committee	Alberta Archaeological Association Annual Conference, April 2019, Lethbridge, Alberta, Canada.
Conference Convenor & Member of Conference Organizing Committee	Australian Archaeological Association Annual Conference, December 2015, Fremantle, Western Australia
Student Volunteer Co-ordinator	Computer Applications and Quantitative Methods in Archaeology (CAA) international conference 2013. Perth, Western Australia
Conference Organizing Committee Member & Volunteer Coordinator	Australian Archaeological Association Annual Conference December 2010 Batemans Bay, NSW, Australia

CONFERENCE SESSIONS CHAIRED

Australian Archaeological Association 2015	Cultural Heritage Management and the Law Co-Chairs: Emma Beckett, Meg Berry, Sam Harper, and JJ McDermott. 1-day workshop and roundtable
--	---

PRESENTATIONS

Canadian Wildlife Federation Wild Outside Program 2020	Berry, M. Trails of Bison and Beavers: Wildlife in Archaeology.
Alberta Archaeological Association. Edmonton Chapter 2019	Berry, M. The Desert and the Dreaming: Using Rock Art to Understand Early Lifeways on Murujuga and Around Australia.
Alberta Archaeological Association, Lethbridge Chapter 2019	Berry, M. et al. Looking Back and Looking Forward at Writing on Stone/Áísínai'pi: Overview of Archaeological work and Monitoring at Writing-on-Stone / Áísínai'pi National Historic Site 2018-2019.
American Rock Art Research Association Conference, 2018	Berry, M. R. Wilde and Camina Weasel Moccasin. Niitoy-yiss and Tales of Home: Tipis and Habitation Scenes in the Rock Art of Aisinaí'pi National Historic Site, Alberta, Canada.
Australian Archaeological Association, 2016	Whitley, T., Berry, M. and L. Clayton Martinez 2016 Re-Visualizing the Drowned Landscapes of Murujuga and the Dampier Archipelago, Western Australia

SAA, San Francisco 2015

Berry, M. 2015 Digging Deeper: The Use of Rock Art in Archaeological Contexts to Understand Past Lifeways on Murujuga, Northwest Australia

IFRAO, Caceres, Spain 2015

Berry, M. 2015 Tracks of change in the Murujuga landscape: Human feet and tracks in the engravings of Dampier Archipelago.

Clayton Martinez, C and M. Berry 2015 Placing change. A spatial analysis of two rock art sites in the Pilbara, Western Australia.

Australian Archaeological Association, 2014

Berry, M. and J. McDonald 2014 Rosemary and Time: Archaeology and rock art on an outer island in the Dampier Archipelago.

Australian Archaeological Association, 2013

Berry, M., Clayton Martinez, C. and J. Hampson 2013 Seeing the Forest for the Trees: Approaches to Archaeological Sampling on the Dampier Archipelago.

Alberta Archaeological Association Annual Conference, 2010

Berry, M. 2010 Dissecting Yams: Yam Figures in the Rock Art of Arnhem Land and Kakadu. Paper presented at the Alberta Archaeological Association Annual Conference. Lethbridge: Alberta.

CONFERENCE POSTERS

ACRA 3, Alta, Norway, 2015

Berry, M. 2015 Changing and Growing, While Staying the Same? Changing perspectives on the Rock Art of Rosemary Island, Dampier Archipelago, Australia.

Australian Archaeological Association Annual Conference, 2010

Berry, M. 2010 Unpacking the Cargo: Using the depiction of ships and their cargo to expand our knowledge on the contact period in Western Arnhem Land, Northern Territory, Australia.

INTERSHIPS

Kakadu National Park, Jabiru, Northern Territory Australia November 2010

Undertook an internship at Kakadu National Park, UNESCO World Heritage Site, Australia, during which I reviewed previous rock art research, conservation, and management undertaken within the park, emphasising the importance of utilizing traditional knowledge in land management practice. This was done to assist in the development of priorities for future conservation, management, and interpretation plans.

Australian National University Rock Art Field School, Internship MUSC 8005, Gunbalanya, Northern Territory, Australia July 2010

This internship focused on how to run and developed an Aboriginal Australian Rock Art field school in remote regions of Australia. Duties included working closely and consultation with Traditional Owners to ensure that proper cultural respect and protocols were met, the coordination of accommodation, flights, vehicle hire, meals, liaising with administration regarding insurance and University requirements, as well as maintaining and balancing the budget. I instructed and worked with students prior to the field school, as well as for the duration. During this

time, I also documented the rock art within a rock shelter as a training exercise; focusing on ways to instruct students as to the proper way of documenting rock art sites, assessing conservation issues while maintaining a high standard of work. I assisted in the day to day running of the field school, including meal preparation and evening discussion.

Parks Victoria (Grampians-Gairwerd), Victoria, Australia
ARCH8511 Directed Study in
Archaeology, 2009

The aim of this directed study was to provide Parks Victoria (Grampians – Gairwerd) with a catalogue of knowledge relating to the Indigenous Cultural Heritage sites located in Gairwerd (Grampians National Park). Parks Victoria was conscious that their land management activities can have damaging effects on archaeological sites and are committed to provide protection and management for those areas. The aim of the project was to extract information from previous reports and publications regarding the location, type and condition of sites as well as to suggest areas which are sensitive to land management activities. Recommendations were also mobilized from these publications suggesting possible site protection works for Gairwerd.

AWARDS AND SCHOLARSHIPS

University of Western Australia
2013-2017

International Postgraduate Research Scholarship;
Australian Postgraduate Award;
UWA Top-up Scholarship;
UWA Postgraduate Travel Award

Australian Archaeological
Association
2013

AAA Student Ethics Debate Winners, UWA Student Team.

COMPETENCIES

Software

Microsoft Office Suite
Word, Excel, PowerPoint, Access, Publisher
Adobe Creative Suite
Illustrator, Photoshop, Lightroom
Image Manipulation
D-Stretch, Agisoft Photoscan, Auto Pano Pro,
ARC GIS

Technology

PXRF (Portable X-Ray Fluorescence)
Associated Software
Photography
Photogrammetry, RTI (Reflectance Transformation Imaging)
Monopod, Cam Ranger, Drones
OxCal 4.2

Illustration

Field archaeological illustration

Pottery Illustration

Rock Art Illustration

Lithic Illustration

**Competencies include hand drawing and digital rendering.*

Lab Analysis

Analysis, cataloguing and recording of: invertebrate mollusc (shell) material, faunal material, lithic material, grinding material, beads and ochre, and historic artefacts.

Professional Development

HERM 672- Heritage and Risk Management

Athabasca University

Winter, 2020

Entrepreneurship 201

Economic Development

Lethbridge, 2020

HERM 673 Architectural Conservation

Athabasca University

Spring, 2020

Oral History Workshop

Milk River, Alberta

Winter, 2019

Women's Grazing School

Milk River, Alberta

Summer, 2019