



ARCHAEOLOGICAL SOCIETY OF ALBERTA

Newsletter No. 29

March 2018

It may be too cold to excavate, but there's still a lot of archaeology to go around!

Speaker Series:

Bodo:

Bodo does not have a regular lecture series, but we will keep you as up to date as possible about any upcoming talks!

<https://www.facebook.com/groups/bodoarchaeology/>

Calgary:

Wednesday, March 21st, 2018 at 7:30 pm

Max Friesen, University of Toronto

'Inuvialuit Architecture: The Archaeology of Cruciform Houses in the Mackenzie Delta'

Within the great range of house types occupied by Northern peoples in the 19th century, a few stand out due to their size, complexity, or unusual form. One of the most spectacular is the cruciform semi-subterranean house occupied by Inuvialuit in the Mackenzie Delta region, Northwest Territories. These are known through traditional knowledge and ethnohistoric sources as very large, carefully constructed driftwood-framed houses with three alcoves bordering a central floor area. Over the past 60 years, several archaeologists have excavated portions of cruciform houses, leading to gradually increasing knowledge about them. However, due to their great size, deep burial, and problems with permafrost, it has been difficult to excavate one fully. In this paper, I report on the recent excavation of two large cruciform

houses at the site of Kuukpak on the East Channel of the Mackenzie River. Following a brief overview of the ethnohistoric record, I will interpret aspects of the houses' architectural form, construction techniques, episodes of rebuilding, and change over time.

Wednesday, April 18th, 2018 at 7:30pm

Pete Dawson, University of Calgary

'Using Reality Capture Technologies to Monitor the Brooks Aqueduct National/Provincial Historic Site'

The Brooks Aqueduct National/Provincial Historic site contains the remains of a 3.2-kilometer-long reinforced concrete flume designed to carry water east from Lake Newell, in eastern Alberta. It was built between 1912 and 1914 and it's located to the northeast of the lake and just east of the town of Brooks. The site is significant due to its civil engineering achievement and because of its unusual design, materials, sheer size and scale, built in a time when the use of reinforced concrete construction was still in its early stages.

During its operating life, the Brooks Aqueduct suffered from the effects of a series of design flaws. The removal of a 122m section to permit the construction of Range Road 142 has also had deleterious effects in the structure. In response to these deficiencies, the Province has engaged in numerous interventions to ensure the preservation of the Aqueduct.

Reality capture technologies, such as terrestrial and airborne LIDAR, provide a means for a more thorough monitoring and tracking of past interventions and their success, as well as identifying present and future areas

of concern. A particularly innovative and important component of the project is the proposed use of Change Detection Analysis to monitor processes that may be negatively impacting the Brooks Aqueduct. Specifically, the digital data from the Brooks Aqueduct will be used to explore how Change Detection Analysis can accurately identify and track natural and human-related processes, as well as their potential impacts on specific sections of the structure over time.

In this presentation, I explore how we are using 3D digital data to develop advanced heritage monitoring programs for historic structures and sites in the Province of Alberta, with specific reference to the Brooks Aqueduct Project.

Talks are taking place at 7:30pm on the third Wednesday of the month in ICT 121 at the University of Calgary.

Please keep an eye on the Calgary Centre Facebook page for updates!

<https://www.facebook.com/arkycalgary/>

Lethbridge:

Tuesday, March 6th, 2018 at 6:30 pm

Aja Cooper (Reynolds-Alberta Museum/Canada's Aviation Hall of Fame)

'Grave Consequences: Musings on Archaeological Conservation'

When most people think about archaeological conservation, they think about extracting old, soil covered objects from a site and someone cleaning them up. This understanding is accurate, but not entirely correct. What most people do not know is that archaeological conservation is largely about accounting for many values, managing expectations, and making judgement calls. This is because archaeological conservation – as a formal profession – is a recent phenomenon but its ethics, values, and concepts date back millennia. After reviewing this history of formation for archaeological conservation, a case study between Mayan stelae in Mesoamerica and North American gravestones will be presented. "Grave Consequences" aims to introduce, educate, and evaluate why archaeological conservation for two objects nearly identical in nature may be treated so differently within the profession.

Aja Cooper moved from Saskatchewan to New Brunswick to attend Mount Allison University, where

she discovered Archaeology and Art Conservation. Realizing she couldn't abandon one love for the other, Aja flew across the pond to study for her Masters in the Conservation of Archaeological and Museum Objects at Durham University, England. Aja has taken a quick break from archaeology to apply her conservation skills as the Collections Manager for Canada's Aviation Hall of Fame in Wetaskiwin, AB.

Tuesday, April 3rd, 2018 at 6:30pm

Josh Read (University of Lethbridge)

'Defining Fur Trade Diet in Northern Alberta: An Examination of Faunal Remains from Fort Vermilion I'

Lectures start at 6:30 pm on the first Tuesday of the month in the Theatre Room, Main Branch, Lethbridge Public Library.

Please check the Lethbridge Centre page for more info!
<https://www.facebook.com/ArchaeologySocietyOfAlbertaLethbridgeCentre/>

Red Deer:

Wednesday, March 14th, 2018 at 7pm

Bruce Cutknife

'Alberta Place Names'

Bruce is from the Samson Cree Nation and will give a talk on indigenous place names of Central Alberta. He will examine the effects of losing traditional names, which may have had great cultural, spiritual, or historic significance to the indigenous population.

Wednesday, April 11 at 7pm

Reid Graham

(Title TBA)

Reid Graham is an Archaeologist with Tree Time Services Inc. in Edmonton, where he carries out Historic Resources Impact Assessments for Forestry projects in Northern and Central Alberta. Reid is a recent graduate from the University of Alberta, where he completed a Master of Arts in Anthropology. In his thesis, Reid explored the relationships between the Besant Phase and the Sonota Complex, two interconnected Late Precontact cultures on the Northern Plains. He completed an Honours Degree in Anthropology at the University of Winnipeg in 2011 and has worked at archaeological projects in all over Western North America, including Upper Fort Gary in Winnipeg, the Quarry of the Ancestors north of Fort McMurry, and the

Promontory Caves in Utah. Reid has also participated in numerous mitigation projects in Alberta and Ontario. His current research interests include Northern Plains archaeological research, GIS analysis, communal bison hunting, and inter-group relationships.

Starting in October, the Red Deer centre holds its talks at 7pm on the second Wednesday of the month in Room 1328 at Red Deer College.

Please check out the Red Deer Centre's Facebook page for updates!
<https://www.facebook.com/ArchaeologicalSocietyOfAlbertaRedDeerCentre/>

Southeastern:

Wednesday, March 21, 2018
Stones and Bones Event

Wednesday, April 18, 2018
Dr. Gerald Oetelaar, University of Calgary
'Excavation at the Parade Grounds'

Meetings usually place at the Police Point Park Nature Centre in Medicine Hat at 7:00 pm, but due to construction activities, meetings will be at Medicine Hat College in room F156.

Edmonton:

Wednesday, March 14th, 2018 at 7pm
Multiple Speakers and AGM
'What We Did Last Summer'

Thursday, April 19th, 2018 at 7pm
TBD
Lectures are held at 7pm on the third Thursday of the month in the Archaeology Lab (Room 7-333) at Grant MacEwan downtown campus.

Please check the Strathcona Facebook page for more details!
<https://www.facebook.com/StrathconaArchaeologicalSociety/>

Other Upcoming ASA Events and Important Info:

Edmonton:

March 24-25: Flintknapping Workshop

April 26-29: Amiskwaciwâskahikan – Edmonton from Time Immemorial (2018 Annual General Meeting and Conference of the Archaeological Society of Alberta)

Conference website:
<https://sites.google.com/view/2018asaconference/home>

The conference will run from April 26th - April 29th at The Lodge Snow Valley, full of amazing speakers, social events, public lectures, and field trips! Talks on Saturday will highlight Edmonton's history, and Friday will include submitted talks on Alberta's history and current research. See below for a preliminary schedule:

Thursday Evening: Opening Reception

Friday: Submitted Talks

Friday Evening: Public Lecture - Todd Kristensen. Social Evening to follow

Saturday: Edmonton History talks by invited speakers, including Chris Jass, Alwynne Beaudoin, Gerry Oetelaar, Nathalie Kermaol, and many more!

Saturday Evening: Banquet with Keynote Nancy Saxberg

Sunday: Field Trip - Guided Walking Tour of Strathcona Site

Podium and poster submissions are now open. Podium presentations will be on Friday, April 27th, and posters will be both Friday and Saturday. If you are interested in presenting, please visit:

<https://sites.google.com/view/2018asaconference/abstract-submission-and-deadlines> to submit an abstract.

Abstracts are due **March 20th**.

Registration is also open for the conference, so please visit:

<https://sites.google.com/view/2018asaconference/registration>

Registration for the full weekend is only \$60, and students / low income registration is \$30. Banquet tickets are \$55.

If you are interested in volunteering, please send us an email at asa.agm.2018@gmail.com.

We hope to see you there!

2018 ASA AGM Committee
Archaeological Society of Alberta - Edmonton Centre

Other Activities and Opportunities Across the Province:

Documentation and Condition Assessment – Spring/Summer 2018

New Course/Training Opportunity at Athabasca University

Athabasca University's Heritage Resources Management Program will be offering a new course, Documentation and Condition Assessment, in the upcoming spring/summer semester from May to August 2018 (14 weeks online and one week in-person).

“The Documentation and Condition Assessment Course will explore various techniques and technologies employed in the field of heritage conservation for recording and documenting historic resources. New ways of observing and thinking about the built environment through practical applications of documentation methods and fieldwork activities will be exercised. This course will examine the documentation methods to research, inspect, record, and assess the condition and quality of buildings, districts and cultural landscapes combined with the methods to interpret their historical and architectural significance according to professional standards. The course will also provide an overview of manual, photographic, and computer-aided extant recording techniques; and building repair assessment techniques.”

This course is offered online and involves a one-week in-residence component. During the week of August 5-11, 2018, participants will have the opportunity to gain hands-on experiences working in groups and as part of team on historic sites in St. Albert, Alberta. Please be advised that attending this one-week in-residency component is required in order to successfully complete the course.

Everyone is welcome to register in this course. Participants can take the course either as part of their university studies (3 credits) or for professional development (as a non-program student).

Dr. Mario Santana Quintero will teach this course; he will join the participants both online and in person during the residency week (please see his bio below).

Registration

Note: The course registration deadline is April 15, 2018.

If you are interested in this course, please contact the program office for information about registration procedures at hrm@athabascau.ca or Toll Free Telephone: [1-800-788-9041](tel:1-800-788-9041) ext. 6792.

If you would like to discuss how this course may fit into your current program or any other questions, please contact the program director, Dr. Shabnam Inanloo Dailoo, at inanloo@athabascau.ca or [780-458-1105](tel:780-458-1105) / [1-855-337-8590](tel:1-855-337-8590).

Dr. Mario Santana-Quintero is an associate professor of Architectural Conservation and Sustainability in the department of Civil and Environmental Engineering, Carleton University. He is also the Program Director of the NSERC Create Heritage Engineering program based at the Carleton Immersive Media Studio lab (CIMS). He has an architectural degree, holding a masters in conservation of historic buildings and towns, and a PhD in Engineering from the Raymond Lemaire International Centre for Conservation, University of Leuven. He is also a guest professor at the Raymond Lemaire International Centre for Conservation. In the past few years, he has taught at the Universidad Central de Venezuela, Universidad de Guadalajara (Mexico), and Universidad de Cuenca (Ecuador).

Mario is the Vice-President of ICOMOS, serves as an ICOMOS Canada Board member. He is the past president of the ICOMOS Scientific Committee on Heritage Documentation (CIPA). Furthermore, he has collaborated in several international projects in the field of heritage documentation for UNESCO, The Getty Conservation Institute, ICCROM, the World Monuments Fund, UNDP, the Welfare Association, and the Abu Dhabi Authority for Culture and Heritage.

Please keep reading for information on more fieldwork opportunities and other events!

Contact us!

If you have any questions, comments, or are interested in getting in touch with someone at a particular centre within the ASA, please feel free to contact us at:

arkysocietyalberta@gmail.com

2018 Archaeological Society of Alberta
Annual General Meeting
Amiskwaciwâskahikan: Edmonton From Time Immemorial

Hosted by the Archaeological Society of Alberta: Edmonton Centre

April 26-29, 2018

The Lodge Snow Valley, Edmonton, Alberta

Preliminary Conference Schedule:

Thursday:

Afternoon: Tour of Royal Alberta Museum Acheson warehouse

Evening: Meet and Greet and registration (location TBA)

Friday:

Day of talks (open call) at The Lodge Snow Valley; poster sessions

Public Lecture: Todd Kristensen (Telus Centre, UAlberta campus) with reception before and social to follow

Saturday:

Invited speakers: Edmonton from Time Immemorial; poster sessions

Banquet at The Lodge Snow Valley - Keynote Speaker: Nancy Saxberg

Sunday:

Field Trips: TBA

REGISTRATION
NOW OPEN!



Go to sites.google.com/view/2018asaconference to register, submit abstracts, and for more information! Contact asa.agm.2018@gmail.com with any questions or if you would like to volunteer!



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