

## Chacmool 2018 – Chacmool as Community

For more than 50 years the Chacmool conference has been the center of archaeological research in western Canada, providing an opportunity to present original research, innovative interpretations, and for professionals and students to network with some of the leading scholars in the discipline. The 2018 conference will focus on building an ever stronger sense of community for local archaeologists, integrating professionals from the consulting industry with academics from across disciplines and from local universities. This is also a critical juncture for the conference, and discussion will also revolve around new directions for the continued success of the program.

### PROGRAM

6-9 PM      **Friday evening** – Opening reception in ES 859, sponsored by Chacmool

### SATURDAY AM

#### Scotiabank Milling Room

*Old sites, New Technologies and Fond Memories: Western Canadian Archaeology, with Tribute to Dr. Terry Gibson* (organized by Krista Gilliland and Laura Nuttall)

9:00    **Jim Finnigan** (Western Heritage)

Mr. Magnetometer: Some Reflections on the Life of Terry Gibson (1954 - 2018)

9:20    **Kurtis Blaikie-Birkigt** (Tree Time Services)

*Forestry's impact on Alberta archaeology*

9:40    **Stefan Dankjar** (University of Alberta), **Rizwan Qureshi** (University of Alberta), and **Terry Gibson** (Western Heritage)

*Using Modern Technology to Improve Site Prospecting - Archeology in the 21st Century*

10:00    **BREAK**

10:20    **Katherine Gadd** (University of Alberta)

*Early Magnetometry results at the Mattheis Research Ranch*

10:40    **Brian Vivian and Janet Blakey** (Lifeways of Canada)

*The Finer Features of the Junction Site*

11:00    **Margarita de Guzman** (Circle CRM Group), **Luca Bezzi** (Arc-Team), **Alessandro Bezzi** (Arc-Team), **Rupert Gietl** (Arc-Team), **Giuseppe Naponiello** (Arc-Team), **Kathrin Feistmantl** (Arc-Team)

*Digitizing the excavation. Toward a real-time documentation and analysis of the archaeological record: an archaeorobotic approach*

#### Evans Room

*Analysis of Cultural Landscapes* (organized by Kathryn Reese-Taylor and Elizabeth Paris, moderated by Kathryn Reese-Taylor)

*Part I, Indigenous Landscapes on the Northern Plains*

9:00    **Matthew Moors** (University of Calgary)

*A year in the life of Kainaiwaan*

- 9:10 **Jeremy Leyden** (University of Calgary)  
*Archaeological Representations of Blackfoot Cultural Landscapes along Lower Jumpingpound Creek, Alberta*
- 9:20 **Lindsey Amundsen-Meyer** (Lifeways of Canada)  
*Set in Stone: Re-examining Stone Feature Distribution and Form in Southwestern Alberta*
- 9:30 **Gerald A. Oetelaar** (University of Calgary)  
*The Archaeological and Ecological Imprint of Oral Traditions on the Plains Landscape*
- 9:40 **Judy Half** (University of Calgary)  
*The impact of Indian Policy and Anthropology on Little Hunters Band: corralled in a reserve in Alberta*
- 9:50 **PANEL DISCUSSION**
- 10:20 **BREAK**

*Part II, A Global Perspective on Cultural Landscapes*

- 10:35 **Karen Bassie-Sweet** (University of Calgary)  
*Merchant Landscape: The Obsidian Trade Route of the Classic Period Maya*
- 10:45 **Veronica Vazquez Lopez and Kathryn Reese-Taylor** (University of Calgary)  
*Ordering Time and Space in the Preclassic Landscape at Yaxnohcah*
- 10:55 **Matthew Longstaffe** (University of Calgary)  
*Navigating the rise and fall of the royal court: shifting strategies of integration of the first households of the Site Core community at Minanha, Belize.*
- 11:05 **Matt Munro** (University of Calgary)  
*Landscape change, the collapse of Rome, and the making of the early middle ages*
- 11:15 **PANEL DISCUSSION**
- 11:35 **BREAK**
- 11:45 **Naotaka Hayashi** (University of Calgary)  
*Sheep farming for a thousand years in South Greenland*
- 11:55 **David Milley** (University of Calgary)  
*Urban Agriculture at Yaxnohcah, Mexico - GIS Exploration of a Maya Hydrological System*
- 12:05 **Kelsey Pennanen** (University of Calgary)  
*Visualizing Changing Landscapes*
- 12:15 **Christina Robinson** (University of Calgary)  
*Industrial Landscapes and a Changing World: The Case Study of Brooks Aqueduct*
- 12:25 **Emily Boak** (University of Calgary)  
*Landscape Archaeology & Remote-Sensing in Kandahar, Afghanistan*
- 12:35 **PANEL DISCUSSION**

**Husky Hall**

- 9:00 *Poster session*  
**Morgan Harris, Nicholas Rogers, Emily Sackett** (Davidson Day School)  
*Results of the 2018 Ancient Mieza Archaeological Research Project*  
**McCarthy Strachan, Abby Myers, Justin Riou** (Davidson Day School)

*Results of the 2018 Zorita de los Canes Archaeological Testing Project*  
**Lea Goldstein, Emily Hughes** (Davidson Day School)  
*Results of the 2018 Tróia Archaeological Research Project*  
**Joshuah Lockett-Harris** (University of Calgary)  
*Caves, Ancestors, and the Underworld: Karstic Bedrock Manipulation as a Strategy in the Development of Middle Formative Period Maya Socio-Political Complexity*

## LUNCH

## SATURDAY PM

### Scotiabank Milling Room

*Contributed Papers on Current Research in Western Canada* (organized by Brian Vivian and Laura Nuttall)

- 1:30 **Michelle Wickham** (Bison Historical Services Ltd.)  
*Notable finds along the Red Deer River Valley*
- 1:50 **Trevor Peck** (Alberta Culture and Tourism) and **Talisha Chaput** (University of Alberta)  
*The White Horse Lake cairn (EeOo-1)*
- 2:10 **Jeremy J. Leyden** (University of Calgary) and **Laura Roskowski-Nuttall** (Stantec Consulting Ltd.)  
*Recent Insights Concerning Drive Structures of the Wearmouth Buffalo Jump*
- 2:30 **BREAK**
- 2:50 **Kendra Kolomyja** (Lifeways of Canada Limited)  
*From the Ashes: Research at the Morleyville Mission Site*
- 3:10 **Daniel Meyer and Cheyanne Lepka** (Lifeways of Canada Limited)  
*Lower Fort Garry: 2018 Testing and Monitoring*
- 3:30 **Todd J. Kristensen** (Alberta Culture and Tourism), **Jesse Morin, M. John Duke** (University of Alberta), **Andrew J. Locock** (University of Alberta), and **John W. Ives** (University of Alberta)  
*The Archaeological Significance of Pre-contact Jade in Western Canada*

### Evans Room

*Analysis of Archaeological Materials* (organized by Elizabeth Paris and Kathryn Reese-Taylor, moderated by Elizabeth Paris)

- 2:00 **Alyssa Haggard** (University of Calgary)  
*An Analysis of the Wo' Residential Group Chipped-Stone Assemblage at Yaxnohcah, southern Campeche, Mexico*
- 2:10 **Jolene Debert** (University of Lethbridge)  
*Microscopic traces of heat exposure, A case-study: flints from Early Neolithic British Timber Structures*
- 2:20 **Elizabeth Paris** (University of Calgary) and **Roberto López Bravo** (Universidad de Ciencias y Artes de Chiapas)  
*Obsidian exchange networks in the Jovel Valley, Chiapas, Mexico: A compositional analysis approach*
- 2:30 **Joshuah Lockett-Harris** (University of Calgary)

*Is it Jade, or Not? Ancient Maya Conceptual Categories and New Scientific Techniques*

2:40 **PANEL DISCUSSION**

3:00 **BREAK**

3:10 **Marina Fischer** (Nickle Gallery, University of Calgary)

*Minting Technologies in the Ancient World*

3:20 **Carrie Dennett and Larry Steinbrenner** (Red Deer College) and **Ronald L. Bishop and Frederick W. Lange** (Smithsonian Institution)

3:30 *From Munsell to Minerals and beyond: Ceramic Compositional Analysis in Pacific Nicaragua*

3:40 **Mary Anne Leeder Haglund** (University of Calgary)

*Earth Oven Technology of Hunter-Gatherers*

3:50 **PANEL DISCUSSION** (20 minutes)

### **Grad Lounge**

**4:30 PM** *The Future of the Chacmool Conference*

A workshop discussion on alternative formats and future directions

**SATURDAY EVENING RECEPTION** (either in Grad Lounge or McCafferty house)

### **SUNDAY AM**

#### **Evans Room**

*Central American archaeology* (organized by Emilie LeBrell)

9:00 **Fernando A. Moreira**

*Calling forth the Mountain, the Yux: Crab Iconography in Cotzumalhuapa*

9:20 **Meaghan Peuramaki-Brown** (Athabasca University)

*Pre-Columbian Pottery and Building Materials of the East-Central Belize Maya: A Petrographic Characterization Study*

9:40 **Larry Steinbrenner** (Red Deer College), **Carrie Dennett** (Red Deer College), and **Silvia Salgado** (University of Costa Rica)

*An Introduction to the Guanacaste Archaeological Project*

10:00 **Mikael J. Haller** (St. Francis Xavier University)

*A Multi-Scalar Perspective on the Development of Complex Societies during the Cubitá Ceramic Style in the Parita River Valley, Panama*

10:20 **BREAK**

10:40 **Lucy Gill** (University of California, Berkeley)

*Landscape-based archaeological survey in the Zapatera Archipelago, Granada, Nicaragua*

11:00 **Geoffrey McCafferty and Sharisse McCafferty** (University of Calgary)

*Fantasia: The Animistic Art and Shamanism in Ancient Central America*

11:20 **Emilie LeBrell** (University of Calgary)

*An Intersectional Approach to the Archaeology of Greater Nicoya*

#### **Scotiabank Milling Room**

**Undergraduate symposium** (organized by Mira George)

- 9:00 **Mira George** (University of Calgary)  
*Identity and Gender in Late Iron Age and Early Roman Britain*
- 9:20 **Niki Phillips** (University of Calgary)  
*"Vikings" and the Portrayal of Viking Women: Fact or Fiction?*
- 9:40 **Stephany Kreusch** (University of Calgary)  
*Women's Role in Society in Ancient Greece: A Different Approach to Pottery  
Images Interpretations of the Classical Period of Athens*
- 10:00 **BREAK**
- 10:20 **Sara Hormozi-Nejad** (University of Calgary)  
*The Impact of Technology on Migration and Migrants' Identities*
- 10:40 **Kristine Hubenig and Johana de los Reyes** (University of Calgary)  
*Students' Perspective of the SCRAP Field School*
- 11:00 **Dave Blaine** (Creating Context, Inc.)  
*Remains to be Seen: Photography, Archaeology, and Travel (A Field Note on the  
SCRAP 2018 Field School)*

**CIBC Hub**

*Chacmool as Community*

- 9:00 **Yvonne Kjorlien** (University of Calgary)  
*Motivations, Intentions, and Purposes of Mass Graves*
- 9:20 **Madisen Hvidberg and Peter Dawson** (University of Calgary)  
*Relocating Heritage: Digital Accessibility at the Perrenoud Homestead*
- 9:40 **William D. Glanzman** (Mt. Royal University)  
*Camels at the Crossroads*
- 10:00 **C. Mathew Saunders** (Davidson Day School )  
*Teens in the Trenches: Archaeology Initiatives for Pre-collegiate Students*

**CLOSING CEREMONY**

**12PM** **Around the Fire: Indigenous Awareness and Bridge-Building.** Live performance art for healing, learning and growing together (Movement with a Message)