

The Archaeology Channel

Conference on Cultural Heritage Media

May 3 -5, 2018

10 am – 6 pm

Hilton Eugene and Conference Center



Presented by Archaeological Legacy Institute as a part of

***The Archaeology Channel* International Film Festival**

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- 5:30 ***Lessons from the 2017 Nikumaroro Expedition***
Tom King, Silver Spring, MD

Presentation Abstracts

(Alphabetical Order by Speaker's Last Name)

Cultural Heritage and Media Development in Nigeria: A Critical Analysis

Mathew Apeyo, Kogi State University, Anyigba, Nigeria

Culture serves several functional purposes in the life of a group. It guides social interactions and social relations as well as the character of the environment transmitted through generations for half a century. The Nigerian media has a strong role to play in showcasing and preserving Nigerian culture, which systematically is going extinct.

Nigerian culture has been crying for the help of the Nigerian media to develop it socially and economically. If that ever is done, Nigerian culture will have an influence on the socioeconomic development of Nigeria. This presentation aims to examine the role of mass media in promoting Nigerian cultural heritage. It concludes that mass media should salvage alienated cultures by guiding Nigerians to love their cultures in the face of Westernized standards and avoid misleading reports on issues of Nigerian ways of life.

Thursday, May 3, 2:50 pm—THIS HAS BEEN CANCELED DUE TO VISA DENIAL

The Treasure of Dalfsen

Niels Bouma, ADC ArcheoProjecten, Utrecht, Netherlands

The small town of Dalfsen in The Netherlands cultural heritage hasn't always played a prominent role in the local government or in the community. That all changed when in 2015 an archaeological excavation unearthed an unexpected unique site with spectacular finds. The excavation received a wealth of media attention in Dutch and foreign press and caught the imagination of the village. The government of Dalfsen turned this unexpected find into a cultural program which is still active and enduring three years after the event. In this presentation the spectacular finds from the excavation and their meaning will be briefly pointed out. After that an overview will be given of the different elements of the cultural program, like an interactive website, an app, an international exhibition and the film 'Just like us', which will be shown at the film festival on Saturday.

Friday, May 4, 2:50 pm

One Film, Many Singers

Teri Brewer, Somerset, UK

Singing Bird: Carrying on the Kumeyaay Tradition is a quartet of ethnographic films commissioned by the Kumeyaay Nation in California for their recent "Kumeyaay Land and Values Project." As makers, we explore the challenges that come with the aim of creating films that serve the needs of the Kumeyaay community and which also encourage greater knowledge and appreciation of Kumeyaay cultural traditions for an outside audience. As project collaborators we share our varied perspectives. Together, a Kumeyaay educator and birdsinger, an ethnographer/filmmaker, the coordinating researcher/producer, and our film editor consider the making of a video which reflects some of the recent increase of interest in the tradition of birdsinging and points out the need for further documentation.

Thursday, May 3, 11:20 am

If the Shoe Doesn't Fit, Must One Quit?

Joe Cerniglia, TIGHAR, Uncasville, CT

The remains of five ancient shoes on Nikumaroro found between 1940 and 2017 tell a story of someone having footwear on the island. Did Amelia Earhart or Fred Noonan (or both) wear/share any of them? What are the arguments for and against? What are the shoes' archaeological contexts? Did colonists have them? I will discuss: shoe prints in forensic work; professional shoe fitting; why it matters; limits of shoe-height extrapolations; difficulties judging size; how shoes shaped public perception of the hypothesis; and what we know and don't know about the shoes worn by Amelia and Fred on the world flight. I'll touch on Michael Cassidy's landmark book, *Footwear Identification*, and the later work of Eugene Giles and Paul Vallandigham. Finally, we will ask what is to be made of the brass-grommeted shoe found in the old village during the 2017 expedition. This shoe will be available for brief viewing afterward.

Saturday, May 5, 11:20 am

Utilizing Specially Trained Canines in the Search for Amelia

Lynne Engelbert, Institute for Canine Forensics, Woodside, CA

The Institute for Canine Forensics (ICF) participated in an expedition to a remote island in the South Pacific in the summer of 2017. ICF's historical human remains detection dogs were used to search for the remains of Amelia Earhart and her navigator Fred Noonan. ICF joined a team of archaeologists, scientists and volunteers on a three-week journey by air and ship. Getting the dogs to the remote islands and working with them in the tropical heat and humidity presented challenges. The solutions utilized in these conditions will be discussed. They include: training the dogs to work in the tropical heat and humidity, complying with international import and veterinary requirements, flying the dogs on international flights, and accommodating their needs on the expedition ship. ICF also had to assure that the dogs did not harm, or were not harmed by, the exotic and endangered wildlife on the islands.

Saturday, May 5, 1:30 pm

And Now for Something Completely Different

Nancy Farrell, Cultural Resource Management Services, Paso Robles, CA

During the last day of the 2015 Earhart Nikumaroro Island expedition, a rock cairn was observed in the Nutiran region. During the 2017 expedition a Fijian machete-crew cut a trail into the area thought to contain the cairn, which was not found. However, the Fijian crew noticed upright coral slabs suggesting head and foot stones. One was a small, upright coral slab on the newly cleared trail; another was an area that the Fijians indicated might contain burials marked in the traditional way. The Institute for Canine Forensics team, with forensic canines, trekked to Nutiran. The canines alerted in the same locations among the upright coral slabs. The following day I examined the area, which is the highest on the atoll. Half-buried blackened rounded coral slabs were upright at several locations. Although no traditional or historic artifacts were seen, this appears to be a pre-colonial cemetery. Research continues...

Friday, May 4, 2:10 pm

The Challenge Ahead: Engaging Young People in Cultural Heritage

Shirly Gaszi, AntiquityNOW, Cranford, NJ

The goal of AntiquityNOW is to illustrate that humankind's commonalities are stronger than its differences, and to share this knowledge to promote mutual understanding, tolerance and peaceful co-existence. Studies have shown that the more young people are exposed to other cultures and their legacies, the more they appreciate different ways of thinking. With this in mind, this session will explore ways to engage young people in cultural heritage and preservation. We will look at AntiquityNOW's varied educational programming designed to demonstrate how we are the beneficiaries of thousands of years of human ingenuity. We will also discuss the possibilities for LegacyQuest, an international film and video festival for teens co-sponsored by AntiquityNOW and Archaeological Legacy Institute. This festival is a unique showcase for young people to display their creativity, technical acumen and storytelling in depicting the links between ancient and modern times.

Friday, May 4, 1:30 am

Reassessment of Acute Environment Impacts on Earhart's Final Flight

Greg George, TIGHAR, Champaign, IL

Amelia Earhart's reputation as a flyer was compromised by sexist tropes of her era and was further damaged by her disappearance. Stereotypes of her have persisted to taint the historical record. Still, questions remain about whether Earhart's problems were self-inflicted and driven by her risk-taking, or if there were circumstances beyond her control. Because of the unique geochemistry of volcanic ash, prop-driven aircraft are subject to significant electrical and mechanical damage from the material. An investigation of the Rabual, Papua New Guinea, volcanic eruption, preceding the loss of Earhart's Lockheed Electra by approximately 1 month, strongly suggests ash, persisting for long periods as floating pumice islands and circulating in the upper atmosphere, may have played a role in the loss of the Electra and in communication problems. The impact of geomagnetic storms (sunspots) in 1937 will also be discussed. A recommendation will be made for further investigation.

Saturday, May 5, at 4:10 pm

Year Zero Documentary Series Red Mammoth Media

Anthony Grieco, Red Mammoth Media, Vancouver, BC

YEAR ZERO is a documentary TV series concept that takes a closer look at the destruction of archaeological sites and artifacts and the numerous historical and recent examples around the world of political regimes and movements that wage war on cultural antiquity. Each case study will examine the root causes and motivations behind these acts of cultural vandalism, and more importantly, ask the question of how to repair the damage. Can there be heroes that emerge from the ruins? Or more likely, can there be collective heroic efforts by committed citizens, grass roots organizers and professionals at home and abroad that take decisive action to repair, restore and revive cultural heritage? YEAR ZERO will examine acts of cultural vandalism and their causes, while also documenting the work of forward-thinking citizens with a heart for the ancient.

Thursday, May 3, 10:00 am

Archaeology of DeMille's California Lost City Film Set

Colleen Hamilton, Applied EarthWorks, Inc., Hemet, CA

Nearly a century ago Cecil B. DeMille produced his blockbuster film, *The Ten Commandments*, on a remote California coast. This epic silent film brought together a workforce that numbered in the thousands to create one of the largest movie sets ever built outside of Hollywood. Upon completion, DeMille abandoned the set and it remained buried in the coastal dunes. There it sat until the 1980s, when Peter Brosnan read DeMille's autobiography describing the set. This inspired an adventure resulting in the documentary film depicting DeMille's Lost City and the preservation of a unique archaeological site. The project quickly captured the imagination of the media and the public alike. Just last year, in 2017, Applied EarthWorks, the Guadalupe Dune Center and the producers of the Lost City documentary delivered a presentation at the TAC Conference on Cultural Heritage Media. Today we come back to share our latest discoveries made during the excavations at the site in the fall of 2017.

Friday, May 4, 10:00 am

National Geographic Coverage of the 2017 Nikumaroro Expedition

Fred Hiebert, National Geographic Society, Washington, DC

National Geographic provided significant support for the 2017 Nikumaroro Expedition because it presented a fascinating and important opportunity to produce compelling TV content. A Nat Geo team of four embedded within the field personnel generated daily news reports for public consumption and shot footage for a potential documentary TV production. At the same time, I participated with the archaeological field crew headed by Tom King of TIGHAR in exploring the Seven Site. This report describes the media and archaeological work from the perspective of National Geographic.

Saturday, May 5, 10:40 am

Secrets of the Nolichucky River

Buck Kahler, Nolpix Media, LLC, Knoxville, TN

A recent archaeological discovery in northeast Tennessee has sparked renewed interest in Cherokee history among scientists and the general public. The Cane Notch site yielded evidence of a settlement along the Nolichucky River dating back over 400 years—150 years before historical accounts of the Cherokee people. Pottery vessels found at Cane Notch match construction patterns that directly link the residents of this village to the Overhill Cherokee that settled in southeast Tennessee in the early 1700s. The archaeologists' findings confirmed oral histories preserved by Cherokee elders for generations. *Secrets of the Nolichucky River* is the first film to document a Cherokee excavation as it unfolds. From the first geophysics scans to the laboratory analysis of artifacts, the film reveals the process of a modern archaeological excavation in one of the most scenic areas of the country. The presentation will consist of slides and photos from the film.

Thursday, May 3, 1:30 pm

Religious Heritage of Pakistan and its Scope in Media

A. Rauf Kakepoto, Shah Abdul Latif University, Khairpur, Sindh, Pakistan

The worldwide-known Indus Valley has great significance due to its rich cultural heritage ranging from prehistory to proto-history to present history. During 1947, the valley was divided between two countries, India and Pakistan, in the name of religion. Although modern-day Pakistan has a majority Muslim population, its soil is littered with the rich antiquity of many ancient religions. Seven thousand years ago, Mehrgarh Culture (contemporary with Jericho, Jarmo and Catalhöyük) which included a mother goddess cult, flourished until the advent of the Indus Valley civilization (2300 BC). Additionally, the Vedic Aryans, Epic Aryans and later reformations in forms of Jainism and Buddhism survived and flourished in this part of the valley. The Semitic religions also left important marks there in modern history. This paper aims to highlight the religious heritage and its scope in order to produce media content through visual documentation. The paper will be based on the research conducted by Indusians Research Cell and its future strategic plan for a World Heritage Media Network.

Thursday, May 3, 2:10 pm

Lessons from the 2017 Nikumaroro Expedition

Thomas King, Silver Spring, MD

The 2017 expedition to Nikumaroro had disparate objectives which were achieved with varying degrees of success. Several lessons are worth considering for future expeditions.

1. Don't over-control. I was somewhat disabled and couldn't exercise all the directorial control I might have otherwise. That authority being distributed among several leaders was, on balance, a good thing. It gave people freedom to pursue their own hunches and directions, with useful results.
2. Do organize. We could have organized our work far better, with a clearly understood "organization chart" and delegation of authority.
3. Enjoy the reef but don't expect to find much on the reef.
4. Give more attention to the colonial village.
5. Clarify what's going-on at the North Cape.
6. At the Seven Site, deploy forensic dogs over a broader area and excavate where they alert. In concert, explore the architectural and food-storage practices of coconut crabs and hermit crabs.

Saturday, May 5, at 5:30 pm

Becoming Green Feathers, the Documentary about Native Oregon Loggers

David Lewis and Tanner Givnan, Chemeketa Community College, Salem, OR

Presenter Tanner Givnan is the principal producer, director, and fundraiser of the documentary, *Green Feathers*. The documentary is about Native American traditions in western Oregon, how native peoples coped with the changing culture and adapted to logging as a way to keep their families together. The film is inspired by the writings and research of co-author David G. Lewis and stories from people of the Grand Ronde tribe and began production some 5-6 years ago on location in Oregon. Givnan has interviewed numerous tribal families in the region and written a compelling story based on the last 150 years of the changes to native culture about native people becoming involved in logging operations in Oregon and the Pacific Northwest. The presentation will feature a short film and presentations by both Givnan and Lewis regarding the subject and the film production. The presentation will track the project from inspiration and research through filming and production, which is in the final phases.

Friday, May 4, 2:10 pm

The Undiscovered Heritage

Rahul Narwane, Maharashtra, India

Ambajogai City was the center of cultural developments around the 10th and 11th century in the central part of India. The city flourished on the banks of Jayanti River and beneath the Balaghat Hills. A number of inscriptions have been discovered from the vicinity and they talk about the well-planned settlement, house structures and rich cultural heritage of the region. Many temples, mosques and old traditional mansions in the region reflect the richness of ancient architecture which can be a subject for research. Many saints and gurus fell in love with the natural beauty of this place and blessed the land with their sublime art and inspiring literature. However, the city was not much discovered for its treasures and antiques. Today, when the modern world is seeking its roots in the past, Ambajogai can produce a perfect platform for researchers and archaeologists. The short film, *Manohar Ambanagari*, screened at this Festival, showcases the grandeur of Ambajogai City in all aspects.
Thursday, May 3, 3:30 pm

Capturing the Nikumaroro 2017 Expedition while Participating in It

Richard Pettigrew, Archaeological Legacy Institute, Eugene, OR

The Nikumaroro expedition of 2017 was a unique opportunity for Archaeological Legacy Institute (ALI) to pursue its nonprofit mission and demonstrate its media capabilities in a high-profile project. As ALI Executive Director and with support from National Geographic, I sailed with the research team to Nikumaroro as a media professional to shoot footage of the proceedings for a pending documentary production. At the same time, as an archaeologist I found it impossible to ignore the intriguing archaeological challenges of the project. As a result, the media coverage and research fieldwork became co-mingled in my daily activities on the boat and on the island. I came away with a treasure trove of images as well as unanticipated insights into the many avenues of research in the effort to test the proposition that Amelia Earhart and Fred Noonan landed and perished on Nikumaroro.
Saturday, May 5, at 10:00 am

Development Lessons and Current Media Market Trends for TAC-type Projects

Ryan Polomski, Beach City Media, Los Angeles, CA

TV and film producer and editor Ryan Polomski will share a few personal case studies of some recent television and VOD development projects and discuss the lessons learned from each. He will also cover some of the new and current aspects and trends of the media market that may apply to TAC-type projects looking for wider distribution.
Thursday, May 3, 10:40 am

The Role of Social Media in the Preservation of Antiquities: The Case of Java, Indonesia

Rikhart Rupnik, Capella University, Tracy, CA

The island of Java has a deep history. Beginning with 1891 DuBois' discovery of the 1.2 million year old Java Man (*Homo erectus erectus*), archaeological efforts have revealed many fascinating finds. Perhaps the most internationally renowned discoveries are the 9th-century Mahayana Buddhist temple called Borobudur and the Prambanan Complex built approximately AD 850 during the Hindu Sanjaya Dynasty. In addition to both being UNESCO World Heritage sites, they are popular destinations for domestic and international tourists. Hundreds of lesser-known sites exist as well. These sites are largely neglected and sometimes vandalized and tagged with graffiti. Fueled by local pride, a grass-roots movement among younger Indonesians aims to clean up some of these sites. They often use social media, such as Instagram, to promote and protect them. Questions for discussion: Is social media becoming a form of Cultural Heritage Media? Could social media be used to inspire new generations of archaeologists?
Friday, May 4, 10:40 am

Mandan Moments: Earth Lodge Construction

Brian Slator, Department of Computer Science, North Dakota State University, Fargo, ND

The latest episode in the North Dakota State University *Mandan Moments* video series borrows inspiration from the *Exploding History* series on PBS. Earth Lodge villages are monuments to living in concert with nature, providing shelter and security to indigenous peoples in the vast Midwest of North America since the 1500s. Earth lodges were the dominant dwelling of central and northern Great Plains village peoples. Using techniques refined over centuries, these hand-built structures were homes to a range of so-called sedentary tribes: Mandan, Hidatsa, Arikara, and others. The earth lodge is a semi-subterranean building covered partially or completely with earth. They are usually circular in construction with a domed roof and a central smoke hole. The most complete account of earth lodge construction is found in the Gilbert Wilson monograph, "The Hidatsa Earthlodge" published in 1934. In this short film, we show the sequence and structure of construction.

Friday, May 4, 11:20 am

Buzzards or Boosters? Fiction Writers and the Amelia Mystery

Marjorie Smith, TIGHAR, Bozeman, MT

In the 80 years since her aborted attempt to fly around the world, Amelia Earhart has been the subject of hundreds of books—with new ones emerging every year. The perfect storm mystery of her disappearance has also inspired fiction writers through the decades. Marjorie Smith, who in 2012 published her contribution to the Amelia genre, *Making Up Amelia*, has surveyed a number of these works with a view to assessing whether they are tributes to an American heroine, efforts to profit from another person's tragedy, or simply efforts to explore what drives a person to do what Amelia Earhart attempted to do. In tribute to TAC Festival, Smith also will summarize some of the fiction films that have been made about Earhart's disappearance.

Saturday, May 5, at 3:30 pm

Did Gerald Gallagher Unearth the Bones of a Norwich City Castaway?

Kenton Spading, St. Paul, MN

Information will be presented on how human bones, and associated artifacts, unearthed by Gerald Gallagher on Nikumaroro Island in 1940 could be associated with lost sailors from the 1929 Norwich City shipwreck. Seaman's records from the British National Archives in Kew, England, will be discussed. The data include the heights of selected lost sailors which will be compared to Dr. Hoodless and later researchers' estimates of the heights of the 1940 skeleton. Norwich City-related sources for the shoe parts and the sextant box Gallagher found will be outlined. Data collected, at Kew and elsewhere on other castaways in this region of the Pacific will be displayed. Learn why research into the Norwich Cities' sailors, culture and equipment is a critical component to understanding the context of the bones and artifacts recovered by Gallagher. Future avenues of research will be discussed, including archives in the UK and Newfoundland, Canada.

Saturday, May 5, at 4:50 pm

A Possible Previously Unpublished Source of Sextant Box Information

Lew Toulmin, Missing Aircraft Search Team and TIGHAR, Silver Spring, MD

One of the only objects with identifying numbers ever found on Nikumaroro that was possibly related to the Earhart/Noonan disappearance, was the sextant box found in 1940, marked with the numbers 3500/1542. Previous TIGHAR research has shown that these numbers are likely a US Naval Observatory (USNO) calibration number and a manufacturer's number. TIGHAR researchers have examined over 500 sextant boxes (many from e-bay), and found 100+ with similar double numbers -- including a box belonging to Fred Noonan, with the triple numbers of 3547/116/173. No information has ever been found regarding the history of the Niku/3500/1542 box. Previous researchers have apparently attempted to locate a body of relevant records (e.g., ship's logs, manufacturer's records, USNO files), but no such source has been published. In this paper, a possible new source of information will be described, and preliminary results presented.

Saturday, May 5, at 2:50 pm

To Tell the Truth: Honesty in Film Making (while making films with hidden agendas)

Gray Warriner, Camera One, Seattle, Washington

I've made archaeology films for over 30 years, including many for the National Park Service. It's been almost 25 years since I was instructed to lie while writing the script for a new film for Mesa Verde National Park. Yes, it was for a good PC (politically correct) cause, but still a lie and much more than an error of omission. Virtually every sponsored film has an agenda, but even if you are selected to make a film for the US government or any other client, that doesn't mean that you have to be a willing participant in deception or follow the party line. With scores of films and experience as my guide, I learned to say no, question everything, buck the system, and be true to where the evidence leads you. The real story may not be PC, but it will prove itself in the long run. Of course, you may never make another film with them again, but you'll die with a smile on your face! We'll see excerpts from several films, including the new film for Gila Cliff Dwellings where I enlisted the descendants of its 13th century builders (Zuni and Hopi) to tell their own story (defying NPS writers) and setting the record straight.

Thursday, May 3, 4:10 pm