

**24<sup>th</sup> ANNUAL  
HAWAIIAN ARCHAEOLOGY CONFERENCE  
15-17 OCTOBER 2009  
ASTON ALOHA BEACH HOTEL, KAUA‘I  
PRELIMINARY PROGRAM**

**Friday, 15 October Morning**

Choice of one of four fieldtrips - List your 1<sup>st</sup> and 2<sup>nd</sup> choices on your registration form:

- Makawehi Cave and National Tropical Botanical Gardens (NTBG) at Lāwai Kai.
- Nu‘alolo Kai, Nāpali (costs for zodiac transportation will be forthcoming - subject to physical and ocean conditions; if trip is cancelled due to excessive swell then there will be a site tour of the Westside of Kaua‘i including Fort Hipo [Russian Fort], Menehune Ditch, and heiau of Polihale.
- Archive tour – Kaua‘i Historical Society, Kaua‘i Museum, and Grove Farm (Līhu‘e).
- Ke‘e tour – Ke‘e and Limahuli NTBG (Ha‘ena - end of the road).
- Koloa Field System tour - Hal Hammatt (this year marks 30 years of working at the site).

**Friday, 15 October Evening**

6:30 pm            Presentation of the Hawai‘i Cultural Stewardship Award

7:00 pm            Keynote Address, followed by Cash Bar and Pupus\*  
**Aston Aloha Beach Hotel**

When Did the Polynesians Settle Hawai‘i?  
Dr. Patrick V. Kirch  
University of California, Berkeley

\*Open to the public. Conference registration not required.

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**Saturday, 16 October Morning**

- 8:15 am        Registration; Coffee and Pastries
- 8:45 am        WELCOME AND OPENING REMARKS  
James Bayman, President, Society for Hawaiian Archaeology
- 9:00 am        **SESSION 1: GENERAL SESSION- KAUA‘I**  
Jenny Kahn, Bishop Museum
- 10:15 am       **BREAK**
- 10:30         **SESSION 2: RECENT RESEARCH IN EAST POLYNESIA**  
Jenny Kahn, Bishop Museum
- 12:00 noon    **LUNCH**

**Saturday, 24 October Afternoon**

- 1:00 pm        **SESSION 3: *MOHALA PONO KA 'IKE* (KNOWLEDGE THAT IS RIGHTFULLY GAINED): COMMUNITY OUTREACH AND EDUCATIONAL OPPORTUNITIES FOR THE NEXT GENERATION OF HAWAIIAN ARCHAEOLOGISTS**
- PART 1: *NA PŌHAKU KĀLAI A 'UMI* (THE HEWN STONES OF 'UMI): RESULTS OF THE FIRST ANNUAL CULTURAL RESOURCE MANAGEMENT INTERNSHIP PROGRAM**  
Kelley Lehuakeaopuna Uyeoka, CRM Internship Coordinator and Windy McElroy, Garcia and Associates and Keala Pono Archaeological Consulting, LLC
- 1:55-2:10 pm **BREAK**
- 2:10            **SESSION 3 (cont).**
- 3:00            **PART 2: COMMUNITY OUTREACH AND EDUCATIONAL OPPORTUNITIES**  
Sean Naleimaile, Hawai‘i Community College
- 3:30            **SESSION 4: BURIAL LAWS**  
Jenny Kahn, Bishop Museum
- 4:00 PM        **ANNUAL MEETING**
- 6:00 pm        **CASH BAR**
- 7:00 pm        **LUAU AND ENTERTAINMENT**

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**Sunday 25 October 2009**

- 8:15 am        **Registration; Coffee and Pastries**
- 8:45 am        **SESSION 5: BIG ISLAND**  
Jenny Kahn, Bishop Museum
- 10:15 am       **BREAK**
- 10:15 AM       **SESSION 5 (cont.)**
- 11:00          **SESSION 6: O'AHU AND MAUI**  
Jenny Kahn, Bishop Museum
- 11:45 am       **LUNCH**
- 12:45 pm       **SESSION 7: MICRONESIAN ARCHAEOLOGY**  
Jolie Liston, Australian National University, Garcia and  
Associates
- 2:30 pm        **BREAK**
- 2:45 pm        **SESSION 7 (CONT.)**
- 4:00 pm        **PAU HANA**

Jenny Kahn, Bishop Museum

1.1 Pre-Contact To Polo Matches: A Brief History of a Parcel in Waipouli, Eastern Kauai  
Mike Dega and J. Powell; Scientific Consultant Services, Inc.

1.2 Southern Affinities of a *Ki'i Poho Pōhaku* Effigy Bowl from East Kaua'i  
David W. Shideler; Cultural Surveys Hawai'i

1.3 The Koloa field System: A thirty Year Perspective  
Mindy Simonson and Hallett Hammatt; Cultural Surveys Hawai'i

1.4 Archaeological Stratigraphy and Chronology of a Ha'ena Dune  
Douglas Thurman and Hallett Hammatt; Cultural Surveys of Hawai'i

1.5. Ancient Kaua'i Mapping Project  
Erik Burton

## SESSION 2: RECENT RESEARCH IN EAST POLYNESIA

Jenny Kahn, Bishop Museum

2.1. The Onemea site in Mangareva and its Implications for East Polynesian Settlement  
Patrick Kirch, University of California, Berkeley; and Eric Conte, Université de la Polynésie française  
and Université Paris 1 (Sorbonne-Pantheon)

2.2. Ideology and Ritual Centers: Archaeology of the ScMo-124-125 Complex, Opunohu Valley, Society  
Islands  
Jenny Kahn, Bishop Museum

2.3. High-Precision U-series dating of Mo'orea *Marae*  
Patrick Kirch, University of California, Berkeley; Warren Sharp, Berkeley Geochronology Center; Jenny  
Kahn, Bishop Museum

2.4. Finding the micro-sweet spot: fine-grained soil nutrient sampling in Rapa Nui rock gardens  
Thegn N. Ladefoged, Christopher M. Stevenson, Sonia Haoa, Cedric Puleston, Peter M. Vitousek, Oliver  
A. Chadwick

2.5. Obsidian hydration dating in Rapa Nui and potential applications in Hawaii  
Chris Stevenson, Peter Mills, Thegn Ladefoged

## SESSION 3: *NA PŌHAKU KĀLAI A 'UMI* (THE HEWN STONES OF 'UMI): RESULTS OF THE FIRST ANNUAL CULTURAL RESOURCE MANAGEMENT INTERNSHIP PROGRAM

Kelley Lehuakeapuna Uyeoka, CRM Internship Coordinator; and Windy McElroy, Garcia and  
Associates and Keala Pono Archaeological Consulting, LLC

3.1. Incorporating Student Training in the Cultural Resource Management Industry: An Example from  
Ahu a 'Umi- Project Introduction  
Kelley Uyeoka, CRM Internship Coordinator

3.2. Incorporating Student Training in the Cultural Resource Management Industry: An Example from  
Ahu a 'Umi- The Excavations  
Windy McElroy, Garcia and Associates and Keala Pono Archaeological Consulting, LLC

3.3 The Calculus of Ground-based LiDAR, GIS and Archaeology: A Case Study from  
Ahu a 'Umi on the Big Island, Hawaii.  
Wetherbee Bryan Dorshow, Earth Analytic, Inc.

3.4. Analysis of Ahu a ‘Umi's Structural Design: Construction Techniques and Architectural Details  
Aoloa Santos (10 minutes)

3.5 Spatial Analysis of Platforms and Other Features in the Vicinity of Ahu a ‘Umi  
Iolani Kauhane (10 minutes)

3.6 Analysis of C-Shaped Structures Associated with Ahu a ‘Umi  
Ka‘imi Wilson (10 minutes)

3.7 Geochemical Compositional Analysis of Ahu a ‘Umi Basalt and Volcanic Glass  
U'ilani Macabio (10 minutes)

### **SESSION 3, PART 2: COMMUNITY OUTREACH AND EDUCATIONAL OPPORTUNITIES**

Sean Naleimaile, Hawai‘i Community College

3.2.1 . More than Dig Kits: Utilizing an Interactive and Multigenerational Approach to Educational Outreach in our own Backyard  
A. Rowan Gard, Bishop Museum

3.2.2 Fresh Eyes, Fresh Minds, Fresh Perspectives: A New Look at Collection Management.  
Naupaka Gouveia

### **SESSION 4: BURIAL LAWS**

Jenny Kahn, Bishop Museum

4.1 Recent Developments in Hawaii's Burial Laws  
Carl Christensen, William S. Richardson School of Law, UH Manoa

4.2 Na Wai E Hō‘olai Nā Iwi: Who Shall Remember the Bones  
Jeannin-Melissa Kapuakawekiu Russo, William S. Richardson School of Law, UH Manoa

### **SESSION 5: BIG ISLAND**

Jenny Kahn, Bishop Museum

5.1 Using GIS and LiDAR to Discern Ditches, a case study in Waiapuka (Island of Hawaii)  
Jana Morehouse

5.2 New Archaeological and Experimental Data on Functional Interpretations of Excavated Pits at Pohakuloa Training Area, Hawai‘i Island  
Christopher M. Monahan, Cultural Surveys Hawai‘i

5.3 The Geometry and cultural significance of the Kīholo Fishpond, Pu‘uwa‘awa`a Ahupua‘a, Hawai‘i Island  
Timothy E. Scheffler, John P. Lockwood, and James P. Kauahikaua

5.4 Archaeology Along the Ane Keohokālole Highway: Balancing Construction and Preservation in North Kona  
Paul Cleghorn and Roland Reeve, Pacific Legacy

5.5 The Exploitation of Pu‘u Wa‘awa‘a Volcanic Glass in Pre-contact Hawaii  
M.D. McCoy, M.D., P.R. Mills, P.R., J.G. Kahn, J., and R. Gard

5.6 Overview of Ongoing UH-Hilo Bishop Museum Collaborative Stone Tool Sourcing Study using EDXRF

Steven P. Lundblad and Peter R. Mills, UH-Hilo

5.7 Considering the relationships between adze production technology and geochemical sampling of basalt debitage.

Peter R. Mills and Steven P. Lundblad, UH-Hilo

5.8 *Ko`i*: Can Stones Have *Mana*? And *Lei Niho Palaoa*: Symbols of Rank and Status – *Kane* or *Waihine*?

Paul Cleghorn, Pacific Legacy

SESSION 6: O`AHU AND MAUI

Jenny Kahn, Bishop Museum

6.1 Traditional Hawaiian Occupation of the Līhu`e Uplands, O`ahu: Lō Ali`i Social Organization and Historic Context

Michael Desilets, Garcia and Associates

6.2 Traditional Hawaiian Occupation of the Līhu`e Uplands, O`ahu: An Analysis of Artifact and Surface Feature Distribution

Joshua R. Toney, Garcia and Associates

6.3 Integrating GPR and LIDAR data in the development of landscape change modeling: an example from Mokapu Peninsula, Oahu, Hawaii Islands.

Alex Morrison and Coral Rasmussen

6.4. Archaeological Investigations at the Royal Hawaiian

Rosanna Runyon, Cultural Surveys Hawai`i

6.5 Popoiwi: Royal Residence of Kekaulike in Kaupo, Maui

Alex Baer, University of California, Berkeley

SESSION 7: MICRONESIAN ARCHAEOLOGY

Jolie Liston, Australian National University, Garcia and Associates

7.1 Ylig Bay Archaeological Site, Yona, Guam

Sandy Yee, International Archaeological Resource Institute, Inc.

7.2 Latte Period Occupation of Pagan and Sarigan in the Northern Mariana Islands

J. Steven Athens, International Archaeological Resource Institute, Inc.

7.3 Was the Latte Period Community in the Marianas Islands a “House Society”?

Boyd Dixon, TEC, Inc.

7.4 Spanish Colonialism and Latte Household Organization in Chamorro Society

James M. Bayman<sup>1</sup>, Hiro Kurashina<sup>2</sup>, Mike T. Carson<sup>2</sup>, John A. Peterson<sup>2</sup>, Jane Dregson<sup>1</sup>, and David Doig<sup>1</sup>; <sup>1</sup>University of Hawai`i at Manoa; <sup>2</sup>Micronesia Area Research Center, Guam

7.5 A Ceramic Perspective on Traditional Household Organization in the Mariana Islands

Jay Hopfensperger, Crystal Morton, and James Bayman, University of Hawaii at Manoa

7.6 Traditional Palauan Paths on Babeldaob

Sunny O. Ngirmang; Bureau of Arts & Culture, Republic of Palau

7.7 Considerations in Developing an Oral History Program in an Oceanic Island

Kelly G. Marsh, Charles Stuart University, Australia; Bureau of Arts & Culture, Republic of Palau

## 7.8 An Evaluation of Archaeological Ground Penetrating Radar in Palauan Terraces

Mike Desilets<sup>1</sup> and Jolie Liston<sup>2</sup>

<sup>1</sup>Garcia and Associates, Natural and Cultural Resource Consultants, Hawai‘i

<sup>2</sup>The Australian National University