



ADAM LAUER, PH.D.
Supervisory Archaeologist, Senior Osteologist
January 2016



Adam Lauer is a Supervisory Archaeologist and Osteologist for International Archaeology, LLC (IA) and International Archaeological Research Institute, Inc. (IARII). Dr. Lauer received his Ph.D. (2015) in Biological Anthropology at the University of Hawai'i at Mānoa, where he taught courses in archaeological field methods and human/animal fragmentary remains identification. His dissertation is entitled *Biological relationships across the Taiwan Strait: Evidence from skulls and teeth*. He has directed or participated in over 40 projects identifying and studying human skeletal remain from Hawai'i, Indiana, Pennsylvania, Guam, American Sāmoa, Taiwan, China, Australia, Thailand, and the Philippines and has recovered burials from several sites. Dr. Lauer was trained by Dr. Michael Pietruszewsky, DABFA, and has collaborated with him on multiple bioarchaeological studies and scientific papers. Early in his career Dr. Lauer trained under Dr. Dennis Dirkmaat, DABFA, where he assisted as a volunteer in 30 forensic investigations with the Mercyhurst Forensic Anthropology Team, including the recovery of human remains. He is the Field Director of the Ifugao Archaeological Project and the San Remigio Archaeological Project, Philippines, two archaeological research and teaching projects run through UCLA and the Institute for Field Research. His research interests include human skeletal biology, paleopathology, distance analysis and migration, bioarchaeology, mortuary analysis, Asian populations, biocultural adaptations, and diachronic change.

Education

Ph.D., Biological Anthropology, University of Hawai'i-Mānoa, 2015
M.A., Biological Anthropology, the Australian National University (ANU), 2003
B.S., Anthropology, Mercyhurst College, 1999

Professional Positions

Sup. Archaeologist/Sr. Osteologist, International Archaeology LLC, Honolulu, 2014-present
Sup. Archaeologist/Sr. Osteologist, IARII, Honolulu, 2007-present
Osteologist/Sr. Archaeologist, Ifugao Archaeology Project, Ifugao, Philippines, 2013-present
Archaeology Laboratory Manager, University of Hawai'i-Mānoa, 2013
Teaching Assistant, University of Hawai'i-Mānoa, 2006-2009, 2012
Senior Archaeologist, University of Guam Field School, Cebu, Philippines, 2011
Lecturer, UHM, Honolulu, Hawai'i, Archaeological Field Methods at Lyon Arboretum, 2007
Supervisory Archaeologist, Indiana/Purdue Univ. (IPFW) Archaeological Survey, 2003-2005

General Archaeological and Osteological Experience Summary

Over 17 years of archaeological experience (10 in the Hawaii and Pacific area)
Osteology: Over 16 years of experience (11 in the Hawaii and Pacific area)

Selected Pacific Osteological and Archaeological Experience

Osteologist, Kualoa Regional Park Archaeological Services, O'ahu, 2015-present
IA Project Director, PLANETS Optical Telescope EA AIS, Maui, 2015
Project Director, Maui Office Building EA AIS, Maui, 2015
Project Director/Osteologist, Ylig Bay and Ylig Bridge Reburial, Guam, 2015
Field Technician, Navy Renewable Energy Project, Guam, 2014
IA Project Director, Dillingham Ranch Archaeological Inventory Survey, O'ahu, 2014
IA Project Director, Dillingham Ranch House Reconnaissance Survey, O'ahu, 2014
Project Director/Osteologist, Hau'ula House Lots Emergency Data Recov., O'ahu, 2013-2015
Field Supervisor/Osteologist, Kailua Boys & Girls Club Testing, O'ahu, 2013-2015
Field Supervisor/Osteologist, Ylig Bridge Monitoring & Data Recovery, Guam, 2011
Senior Archaeologist/Osteologist, FEMA Housing Construction, Tutuila, American Sāmoa, 2011
Project Director/Field Supervisor, NOAA building refurbishment, Ford Island, O'ahu, 2009-2013
Osteologist, Waimea-Kawaihae Bypass Road Survey, Hawai'i Island, 2007
Field Supervisor, Building 605 Renovation, Marine Corps Base Hawaii, O'ahu, 2007-2008
Osteologist, various projects at Pearl Harbor & MCB Hawaii, Kaneohe Bay, O'ahu, 2006-present



ADAM LAUER, PH.D.
Supervisory Archaeologist, Senior Osteologist
January 2016



Ability to Carry Research to Completion

Completed over 15 technical reports; published 6 articles in scholarly journals and 1 book chapter

Selected Projects

IA Project Director, Dillingham Ranch Mauka Lands and Ranch House Surveys, O'ahu (2014): Directed an archaeological inventory survey of 79 acres for the proposed Dillingham Ranch Agricultural Subdivision. Multiple 19th century ranching walls were documented. A separate but related project was a reconnaissance survey of the historic Dillingham Ranch house and surrounding area. *IA Client: Dillingham Ranch Aina, LLC.*

Project Director and Osteologist, Hau'ula House Lots Emergency Data Recovery, O'ahu Island (2013-2015): Directed and supervised field technicians during emergency data recovery of human skeletal remains discovered during construction on multi-unit house lots; positively identified human skeletal remains (over 20 individuals). *Client: Kahea Kamaau.*

Field Supervisor and Osteologist, Kailua Boys and Girls Club Testing, O'ahu Island (2013-2015): Directed and supervised field technicians during archaeological testing of project area, and positively identified isolated human skeletal remains (MNI=1). Liaison with claimants and SHPD regarding human remains. *Client: Kailua Boys and Girls Club of Hawai'i.*

Project Director and Field Supervisor, NOAA Building Refurbishment Monitoring, Ford Island, O'ahu Island (2009-2013): Supervision of monitors, construction monitoring at NOAA warehouse refurbishment and report preparation. *Client: US Navy.*

Osteologist/Field Supervisor, Mololani PPV Monitoring, Marine Corps Base Hawaii, O'ahu Island (2008-2012): Construction monitor, osteologist, and report preparation. Positively identified human skeletal remains (>17,000 fragments, MNI=27) during this multi-year project. *Client: Forest City.*

Senior Archaeologist/Osteologist/GPS Operator, FEMA Permanent Housing Construction Monitoring, Tutuila, American Samoa (2011): Supervisory Archaeologist and construction monitor, GPS operator, and osteologist (identification and inventory of human skeletal remains). *Client: FEMA.*

Field Supervisor, Building 605 Renovation Monitoring, Marine Corps Base Hawaii, O'ahu Island (2007-2008): Construction monitor and report preparation. *Client: U.S. Navy.*

Selected Reports and Academic Publications

Hawai'i

Allen, Jane, and Adam Lauer

2014 *Archaeological Monitoring and Screening, 2008-2012, Mololani Housing Area, Hawaii Public-Private Venture (PPV) Phase IV, Marine Corps Base (MCB) Hawaii Kaneohe Bay, O'ahu, Hawai'i. Tax Map Key 4-4-009:003. Fifth Report – Synthesis and Interpretations.* Prepared for Forest City Hawaii Construction Management, LLC, Honolulu. International Archaeological Research Institute, Inc., Honolulu.

Allen, Jane, Robert Pacheco, and Malina Reveal, with contribution (Human Osteology) by Adam Lauer and Malina Reveal.

2013 *Archaeological Monitoring and Screening, Mololani Housing Area, Hawaii Public-Private Venture (PPV) Phase IV, Marine Corps Base (MCB) Hawaii Kaneohe Bay, O'ahu, Hawai'i. Tax Map Key 4-4-009:003. Annual Report for 2011-2012.* Prepared for Forest City Hawaii Construction Management. International Archaeological Research Institute, Inc., Honolulu.



ADAM LAUER, PH.D.
Supervisory Archaeologist, Senior Osteologist
January 2016



Allen, Jane, Robert Pacheco, and Malina Reveal, with contribution (Human Osteology) by Adam Lauer.

- 2012 *Archaeological Monitoring and Screening, Mololani Housing Area, Hawaii Public-Private Venture (PPV) Phase IV, Marine Corps Base (MCB) Hawaii Kaneohe Bay, O'ahu, Hawai'i. Tax Map Key 4-4-009:003. Annual Report for 2010.* Prepared for Forest City Hawaii Construction Management. International Archaeological Research Institute, Inc., Honolulu.

Allen, Jane, and Malina Reveal, with contribution (Human Osteology) by Adam Lauer.

- 2012 *Archaeological Monitoring and Screening, Mololani Housing Area, Hawaii Public-Private Venture (PPV) Phase IV, Marine Corps Base (MCB) Hawaii Kaneohe Bay, O'ahu, Hawai'i. Tax Map Key 4-4-009:003. Annual Report for 2009.* Prepared for Forest City Hawaii Construction Management. International Archaeological Research Institute, Inc., Honolulu.

Lauer, Adam

- 2009 *Archaeological Monitoring in Support of the Pacific Warfighting Center Project at Ford Island, Pearl Harbor, O'ahu, Hawai'i.* Prepared for Department of the Navy, Naval Facilities Engineering Command, Pacific, Pearl Harbor, HI. IARII, Honolulu.
- 2008 *Archaeological Monitoring in Support of Fiber Optic Cable Installation at Four Locations (FDT 3, FDT 5, FDT/FTD 6 and a site for Two Hand-Holes) at Marine Corps Base Hawaii Kaneohe Bay, O'ahu, Hawai'i.* Draft report prepared for Department of the Navy, Naval Facilities Engineering Command, Pacific, Pearl Harbor, HI. IARII, Honolulu.
- 2008 *Archaeological Monitoring in Support of Restoration of Building 605 at Marine Corps Base Hawaii Kaneohe Bay, O'ahu, Hawai'i.* Prepared for Department of the Navy, Naval Facilities Engineering Command, Pacific, Pearl Harbor, HI. IARII, Honolulu.
- 2006 *Final Archaeological Flyover Report Ni'ihau EMESS Placement Project, Pacific Missile Range Facility Hawaii, Ni'ihau Hawai'i.* Prepared for Department of the Navy, Naval Facilities Engineering Command Pacific, Pearl Harbor, HI.

Lauer, Adam, and Karen Desilets

- 2006 *Underwater Archaeological Survey: MCON P-587, Pacific Sub Drive-In Magnetic Silencing Facility, Pearl Harbor Naval Station Middle Loch Branch, Beckoning Point, Oahu, Hawai'i (TMK: 9-3 Portion).* Prepared for Department of the Navy, Naval Facilities Engineering Command Pacific, Pearl Harbor, HI.

West, Eric, Karen Desilets, and Adam Lauer

- 2006 *Archaeological Monitoring Report: Ford Island Master Development Project, Ford Island, Pearl Harbor, Oahu, Hawaii. Naval Facilities Engineering Command Pacific. (TMK: 9-9 Portion).* Prepared for Department of the Navy, Naval Facilities Engineering Command Pacific, Pearl Harbor, HI.

Asia

Bulbeck, David, and Adam Lauer

- 2006 Human variation and evolution in Holocene Malaysia. In M. Oxenham and N. Tayles (eds), *Bioarchaeology of Southeast Asia*, pp. 133-171. Cambridge University Press: Cambridge.



ADAM LAUER, PH.D.
Supervisory Archaeologist, Senior Osteologist
January 2016



Bulbeck, David, Rahimah Abdul Kadir, Adam Lauer, and D. Rayner

- 2005 Tooth Sizes in the Malay Peninsula Past and Present: Insights into the Time Depth of the Indigenous Inhabitants' Adaptations. *International Journal of Indigenous Research* 1:27-50.

Pietrusewsky, Michael, Adam Lauer, Cheng-hwa Tsang, Kuang-ti Li, and Michele Toomay Douglas

- 2013 Dental Indicators of Health in Early Neolithic and Iron Age Skeletons from Taiwan. *Journal of Austronesian Studies* 4:1-33

- 2014 Tooth Ablation in Early Neolithic Skeletons from Taiwan. *American Journal of Physical Anthropology* Supplement 58:207.

Continental U.S.

Lauer, Adam

- 2005 Appendix C: Modified Bone Antler and Shell from 12-H-3 and 12-H-883. In R. McCullough (ed.), *Late Prehistoric Archaeology of a Frontier: report of investigations 502*. IPFW Archaeological Survey.

- 2005 Appendix F: Human Remains from 12-H-3. In R. McCullough (ed.), *Late Prehistoric Archaeology of a Frontier: report of investigations 502*. IPFW Archaeological Survey.