



RONA M. IKEHARA-QUEBRAL, PH.D.
Senior Osteologist, Business Off. Manager, IA Manager
January 2016



Rona Ikehara-Quebral, Senior Osteologist and Business Office Manager at International Archaeology, LLC (IA) and International Archaeological Research Institute, Inc. (IARII). Dr. Ikehara-Quebral has worked for 26 years in Cultural Resources Management in Hawai'i, Guam, and the Pacific-Asia region. She received her Ph.D. in Biological Anthropology (2010) at the University of Hawai'i at Mānoa (UHM). She was trained by Dr. Michael Pietrusewsky, DABFA, and has collaborated with him on forensic cases for the Honolulu Medical Examiner Office, bioarchaeological studies, and scientific papers. Her professional experience includes project and business management, bioarchaeological research, report writing, proposal preparation, peer reviews of scientific publications, and teaching Physical Anthropology at UHM. Dr. Ikehara-Quebral has worked closely with local claimants on multiple burial projects. She has directed or participated in over 60 burial projects identifying and studying human skeletal remains from Hawai'i, Guam, Rota, Saipan, Tinian, Palau, Kwajalein, Ecuador, Thailand, and Cambodia, and has recovered burials at over 15 sites. Her archaeological experience includes fieldwork in Hawai'i, Ecuador, Guam, and Palau. Her research interests include human skeletal biology, indicators of stress, paleopathology, health and social status, biocultural adaptations, cultural dental modification, and heritable variation.

Education

Ph.D. (2010), M.A. (1997), and B.A. (1984) Anthropology, University of Hawai'i-Mānoa
Section 106 Area of Potential Effect training, ACPH, July 2012

Professional Positions

IA Manager/Senior Osteologist, International Archaeology LLC, Honolulu, 2014-present
Senior Osteologist/Project Director/Field Supervisor, IARII, Honolulu, 1990-present
Business Office Manager, IARII, Honolulu, 2002-present
Technical Advisory Committee for BAC & Historic Preservation Office, Palau, 2011-2013
Lecturer in Physical Anthropology, University of Hawai'i-Mānoa Outreach College, 1999-2001
Assistant Office Manager (1999-2001) & Admin. Assistant, IARII, Honolulu, 1992-1998
Graduate Teaching Assistant, Anthropology, University of Hawai'i-Mānoa, 1995-1998
Osteological Consultant (including Hawai'i State Historic Preservation Division), 1990-1994
Research Assistant, University of Hawai'i-Mānoa Physical Anthropology Lab, 1988-1996

General Bioarchaeological (Osteological) and Archaeological Experience

Osteologist, over 60 projects in the Pacific, 1 in Asia; Archaeologist, over 30 projects
26 years of active research in the Pacific Region and Southeast Asia

Selected Bioarchaeological Projects – Pacific and Southeast Asia (Physical Anthropologist)

Ylig Bay and Ylig Bridge Osteology, Guam (osteological analysis), 2009, 2013-present
Kona Lava Tube Burial Recovery, Hawai'i Island (sort commingled bones into individuals), 2013
Hau'ula Burial Recovery, O'ahu (inventory inadvertent burial), 2013
Ka Malanai Data Recovery, O'ahu (inadvertent burial and bone IDs/inventories), 2012
Mound EE GPR Grid 1, Hacienda Zuleta, Ecuador (odontological analysis), 2011
Pu'uhoonua o Honaunau Nat'l Historic Park, Hawai'i Island (odontological analysis), 2008
Compact Road Dental Analyses, Palau (odontological analysis), 2006
MCB Hawai'i, O'ahu (inadvertent human bone IDs/inventories, various projects), 2005-present
Vat Komnou, Angkor Borei, Cambodia (osteological analysis, MNI=111), 2002-2009

Selected Pacific Archaeological Projects

Project Manager/Osteologist, Kualoa Park Archaeological Services, O'ahu, 2015-present
IA Project Manager, Hickam Solar Array Monitoring, O'ahu, 2015
Project Manager/Osteologist, Hau'ula House Lots Monitoring, O'ahu, 2014-2015
IA Field Tech., Dillingham Ranch Archaeological Inventory Survey, O'ahu, 2014
Field Tech. (volunteer), HAVO Mapping & Surveying, Hawai'i Isle, Aug. 2012 & Apr. 2015,
and HALE Kapahu Living Farm & Ka'apahu Mapping for NPS, Maui, June 2012
Project Manager/Osteologist/GPS Operator, PUHO Keone'ele Data Recovery, Hawai'i, 2008
Project Director/Osteologist, Pond Road Burial Recovery, Testing, Osteology, MCBH, 2007



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Invited Peer Reviewer for Scientific Publications

*International Journal of Osteoarchaeology; Encyclopedia of Life Support Systems 6.20.56
Physical Anthropology of the Pacific; Asian Perspectives*

Ability to Carry Research to Completion

55+ technical reports, published 8 articles in scholarly journals, completed 5 book chapters.

Selected Projects

Physical Anthropologist, Ylig Bridge Osteology; Guam (2009, 2013-present): Osteological sorting, reconstruction, inventory, and analysis of over 15 human burials. *Client: Parsons Transportation Group, Guam.*

Physical Anthropologist, Various Marine Corps Base Hawaii Projects, O'ahu (2005-present): Positive identification of inadvertently discovered human skeletal and dental remains: sorting, inventory, and non-metric analysis of miscellaneous individuals. *Clients: U.S. Navy, Marine Corps Base Hawaii, T.S. Dye & Colleagues and Forest City, Honolulu.*

Physical Anthropologist, Ka Malanai Monitoring and Data Recovery, O'ahu (2011-2013): Positive identification, data recovery, and inventory of inadvertently discovered isolated and in situ human skeletal remains. *Client: D.R. Horton, Hawai'i.*

Physical Anthropologist, Kona Lava Tube Burial Recovery, Hawai'i Island (2013): Positive identification, data recovery, and separation of commingled human remains into individuals for purposes of re-burial; work beside claimants during burial recovery. *Client: T.S. Dye & Colleagues, Honolulu.*

Physical Anthropologist, A Single Inadvertently Discovered Burial, Hau'ula, O'ahu (2013): Positive identification and inventory of an inadvertently discovered human burial. *Client: Greater Mt. Zion Holiness Church, Hau'ula.*

Physical Anthropologist, Gabgab Beach Osteology, Guam (2010): Osteological sorting, reconstruction, inventory, and analysis of five individuals, including one *in situ* burial. *Client: Reliable Builders (under contract to U.S. NAVFAC Marianas), Guam.*

Physical Anthropologist, Ylig Bay Osteology; Guam (2009): Osteological sorting, reconstruction, inventory, and analysis of 53 human burials. *Client: Parsons Transportation Group, Guam.*

Selected Reports and Academic Journal Publications

Douglas, Michele Toomay, and Rona M. Ikehara

1992 *Archaeological Investigations at the Leo Palace Hotel Site, Naton Beach, Tumon Bay, Guam. Volume II: Osteological Study of Prehistoric Chamorro Skeletal Remains.* Prepared for Sumitomo Construction, Tamuning, Guam. International Archaeological Research Institute, Inc., Honolulu.

Douglas, Michele Toomay, Michael Pietruszewsky, and Rona Ikehara-Quebral

1997 Skeletal biology of Apurguan: A pre-contact (pre-1521) Chamorro site on Guam. *American Journal of Physical Anthropology* 104(3):291-313.

Halcrow, S. E., N. J. Harris, N. Tayles, R. Ikehara-Quebral, and M. Pietruszewsky

2013 From the mouths of babes: dental caries in infants and children and the intensification of agriculture in mainland Southeast Asia. *American Journal of Physical Anthropology* 150:409-420.



Ikehara-Quebral, Rona

- 2011 Human Teeth from Ngerdubech Village (NT-3:9), Ngatpang. In *Palau Compact Road Archaeological Investigations, Babeldaob Island, Republic of Palau Phase IV: Archaeological Monitoring Volume XII: Laboratory Analyses and Synthesis* by J. Liston. Prepared for Army Corps of Engineers, Honolulu. International Archaeological Research Institute, Inc., Honolulu.
- 2011 Appendix N: Human Teeth. In *Archaeological Emergency Data Recovery and Monitoring for the Compact Road, Babeldaob Island, Republic of Palau*. Historical Preservation Investigations Phase III Volume XIII: Appendices by Jolie Liston. CD prepared for U. S. Army Corps of Engineering, Honolulu. International Archaeological Research Institute, Inc., Honolulu.
- 2010 *An assessment of health in early historic (200 B.C. to A.D. 200) inhabitants of Vat Komnou, Angkor Borei, Southern Cambodia: A bioarchaeological perspective*. Ph.D. dissertation. University of Hawai'i at Mānoa.
- 2010 Appendix C: The Osteology of Human Remains from Gabgab Beach, Orote Peninsula, Guam. In *Archaeological Monitoring and Data Recovery: Parking Lot and Recreational Equipment Upgrade at Gabgab Beach, Apra Harbor Naval Base, Guam*, by S. Yee, pp. C1-C52. Report prepared for Reliable Builders, Inc. and NAVFAC Marianas, Guam. International Archaeological Research Institute, Inc., Honolulu.
- 2006 *Appendix C: An Osteological Analysis of Human Remains from Ngercheluuk and Ngermechau Villages, Ngiwal State, Babeldaob Island, Republic of Palau*. Report prepared for Palau Nat'l Communications Corp., Palau. International Archaeological Research Institute, Inc., Honolulu.

Ikehara-Quebral, Rona, and Atsuko Dillon

- 2008 *Archaeological Screening, Burial Recovery, Testing, Monitoring, and Laboratory Analysis of Human Remains in Support of Pond Road Housing Replacement, Marine Corps Base Hawaii Kaneohe Bay, O'ahu, Hawai'i TMK: 4-4-009:003*. Report prepared for Department of the Navy, Naval Facilities Engineering Command, Pacific, Pearl Harbor, HI. International Archaeological Research Institute, Inc., Honolulu.

Ikehara-Quebral, Rona, and Michele Toomay Douglas

- 1997 Cultural alteration of human teeth in the Mariana Islands. *American Journal of Physical Anthropology* 104(3):381-391.

Ikehara-Quebral, Rona, and Timothy Rieth

- 2006 *Laboratory Analysis of Human Remains from the Pond Road Family Housing Construction Site, Marine Corps Base Hawaii Kaneohe Bay, Mōkapu Peninsula, O'ahu, Hawai'i*. Final report for Dept. of the Navy, Naval Facilities Engineering Command, Pacific, Pearl Harbor. International Archaeological Research Institute, Inc., Honolulu.

Ikehara-Quebral, Rona, E. Melanie Ryan, Nicolette Parr, Cherie Walth, Jolie Liston, Michael Pietrusewsky, and Michele Toomay Douglas.

- In prep Intentional dental modification and oral-dental health in western Micronesia. In *A World View of (Bio)Culturally Modified Teeth: Past and Present*, eds. Scott E. Burnett and Joel D. Irish. University Press of Florida.



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Ikehara-Quebral, Rona, Miriam T. Stark, William Belcher, Vouen Vuthy, John Krigbaum, Michael Pietrusewsky, and Michele Toomay Douglas

In prep Biocultural practices during the transition to history at Angkor Borei, Cambodia. Book chapter in preparation.

Pietrusewsky, Michael, Michele Toomay Douglas, Rona M. Ikehara-Quebral and Conrad Mac Goodwin

In press The search for Don Francisco de Paula Marin: servant, friend, and advisor to King Kamehameha I, Kingdom of Hawai'i. In: *Case Studies in Forensic Biohistory: Anthropological Perspectives*, eds. Christopher Stojanowski and William Duncan. Cambridge: Cambridge Studies in Biological and Evolutionary Anthropology.

Pietrusewsky, Michael, Michele Toomay Douglas, and Rona Ikehara-Quebral

2013 *The Osteology of the Human Skeletons from the Ylig Bay Archaeological Site (66-09-1872), Yona Guam*. Report prepared for Parsons Transportation Group, Guam. International Archaeological Research Institute, Inc., Honolulu.

2003 *Archaeological Investigations in Apotguan, Guam: Agana Beach Condominium Site. Volume 3: An Osteological Investigation and Comparison with Other Micronesian Series*. Report prepared for Hanil Development Corp. Int'l Archaeological Research Institute, Inc., Honolulu.

1997 An assessment of health and disease in the prehistoric inhabitants of the Mariana Islands. *American Journal of Physical Anthropology* 104(3):315-342.

Pietrusewsky, Michael, Michele Toomay Douglas, Rona Ikehara-Quebral, and L. J. Moana Lee

2007 *The Osteology of the Human Skeletal Remains from Malessso, Guam*. Draft report prepared for MDCI Corp, Guam. Int'l Archaeological Research Institute, Inc., Honolulu.

Pietrusewsky, Michael, Terry L. Hunt, and Rona Ikehara-Quebral

1997a A New Lapita-associated skeleton from Fiji. *Journal of Polynesian Society* 106(3):284-295.

1997b A Lapita-associated skeleton from Waya Island, Fiji. *Micronesica* 30(2):355- 388.

Pietrusewsky, Michael, and Rona Ikehara-Quebral

2006 The Bioarchaeology of the Vat Komnou Cemetery, Angkor Borei, Cambodia. *Indo-Pacific Prehistory Association Bulletin* 26.

2001 Multivariate comparisons of Rapa Nui (Easter Island), Polynesian, and circum-Polynesian crania. In *Pacific 2000: Proceedings of the Fifth International Conference on Easter Island and the Pacific*, eds. C.M. Stevenson, G. Lee, F.J. Morin, pp. 457-494. Los Osos: Easter Is. Foundation.

1996 Cultural alteration of human bone in Hawaiian skeletal remains. *Hawaiian Archaeology* 5:13-28.

Stoddard, Ann, E. Melanie Ryan, Rozalind Hunter-Anderson, Michele Toomay Douglas, and Rona Ikehara-Quebral

2015 Under the latte: Osteobiography and social context of a burial assemblage at Tumon Bay, Guam. In: *The Routledge Handbook of Bioarchaeology in Southeast Asia and the Pacific*, eds. Marc Oxenham and Hallie Buckley, pp. 527-568. New York: Taylor and Francis Group.