



TIMOTHY M. RIETH, M.A.
Project Director/Supervisory Archaeologist

Education and Training

- B.A. (Highest Honors), Anthropology, University of Hawai'i at Mānoa, 1998
- M.A., Anthropology, University of Hawai'i at Mānoa, 2007

- ESRI ArcGIS training course, 2006
- HAZWOPER training (40 hr & 8 hr refresher)
- First Aid/Adult CPR

Awards and Honors

- Scholarships, Pacific Asian Scholarship, University of Hawai'i, 1995, 1996, 1997
- Grants, Richard and Mildred Kosaki Student Award, University of Hawai'i, 1997, 1998
- Grant, Associated Students of the University of Hawai'i Travel Grant, University of Hawai'i, 1997
- Grants, University of Hawai'i Arts and Sciences Advisory Council Award, 1997, 1998, 2007
- Internship, Anthropology Department, The Field Museum of Natural History, 1999
- Grant, Foreign Language Area Scholarship-Sāmoan, University of Hawai'i, 2006

Professional Affiliations and Committees

- Society for American Archaeology

Areas of Expertise

Mr. Rieth has over 13 years of archaeological field and research experience that includes projects in Hawai'i, American Sāmoa, the Republic of Palau, Guam, the Commonwealth of the Northern Mariana Islands, Fiji, and to a lesser extent, the Republic of South Korea and Japan. His research has included many aspects of archaeological studies for federal and state agencies, private clients, and businesses, including instrument mapping of structural remains, surveys, excavations, invertebrate and vertebrate faunal analyses, lithic analysis, osteological analyses, pottery analysis, and various sedimentary analyses. His academic research specializations include the study of taphonomic issues relating to osteological and non-human vertebrate remains, and chronometric dating and interpretation. Mr. Rieth has a basic conversation skill in Sāmoan.

Mr. Rieth has written or been a collaborating author for over 15 technical research reports, has published six academic journal articles and book chapters, and has co-authored presentations at national scientific conferences.

Relevant Projects

Role: Project Director

Project Name/Type: FEMA Housing, American Sāmoa; Archaeological Monitoring and Data Recovery

Work Duties: Supervise field personnel, laboratory analyses, background research, and write-up of technical report

Client: PaTH Joint Venture

Year (contract date): 2010

Location: Tutuila, American Sāmoa



Role: Project Director
Project Name/Type: Waialua Guardrail Improvement Project; Archaeological Monitoring
Work Duties: Supervising field personnel and write-up of technical report
Client: GP Roadway Solutions
Year (contract date): 2009
Location: Waialua, O'ahu

Role: Project Director
Project Name/Type: Pu'uhonua o Hōnaunau Paumoa Survey; Inventory Survey
Work Duties: Survey, mapping, laboratory analyses, background research, and write-up of technical report
Client: National Park Service
Year (contract date): 2009
Location: Pu'uhonua o Hōnaunau National Historical Park, Hawai'i Island

Role: Project Director
Project Name/Type: Parker Ranch Connector Road and Pukalani Extension; Archaeological Monitoring and Data Recovery
Work Duties: Supervising archaeological monitors, writing data recovery plans, laboratory analyses, background research, and write-up of technical report
Client: Kalai Consulting
Year (contract date): 2009
Location: Waimea, South Kohala, Hawai'i Island

Role: Project Director
Project Name/Type: Former VOA Site Survey; Inventory Survey
Work Duties: Survey, mapping, and write-up of technical report
Client: Element Environmental, LLC
Year (contract date): 2009
Location: Mā'ili, O'ahu

Role: Project Director
Project Name/Type: Marine Corps Base Hawaii (MCB-Hawaii) Waterline Replacement Projects; Archaeological Monitoring
Work Duties: Supervising field personnel and write-up of technical report
Client: Department of the Navy, Naval Facilities Engineering Command, Pacific
Year (contract date): 2008
Location: Marine Corps Base Hawaii, O'ahu

Role: Project Director
Project Name/Type: Pu'uhonua o Hōnaunau Keone'ele Cove Data Recovery; Data Recovery
Work Duties: Mapping, excavations, laboratory analyses, background research, and write-up of technical report
Client: National Park Service
Year (contract date): 2008
Location: Pu'uhonua o Hōnaunau National Historical Park, Hawai'i Island

Role: Project Director
Project Name/Type: West Loch Re-location Survey and Subsurface Testing; Re-location Survey



Work Duties: Re-location of sites for GPS recording, site assessment, mapping, excavations, background research, and write-up of technical report

Client: Department of the Navy, Naval Facilities Engineering Command, Pacific

Year (contract date): 2007

Location: Naval Magazine West Loch Branch, Pearl Harbor

Role: Field Director

Project Name/Type: Sasebo Archaeological Survey; Re-location Survey

Work Duties: Re-location of sites for GPS recording, site assessment, mapping, excavations, background research, and write-up of technical report

Client: Commander, Fleet Activities Sasebo

Year (contract date): 2007

Location: Sasebo, Japan

Role: Project Director

Project Name/Type: Waimea-Kawaihae Bypass Road; Inventory Survey

Work Duties: Survey, mapping, excavations, background research, and write-up of technical report

Client: EKNA Services, Inc.

Year (contract date): 2007

Location: Kawaihae 1 & 2, 'Ōuli, Lālāmilo, and Waikoloa Ahupua'a, South Kohala, Hawai'i Island

Role: Project Director

Project Name/Type: Pu'uhonua o Hōnaunau Pele'ula Survey; Inventory Survey

Work Duties: Survey, mapping, excavations, background research, and write-up of technical report

Client: National Park Service

Year (contract date): 2007

Location: Pu'uhonua o Hōnaunau National Historical Park, Hawai'i Island

Role: Project Director

Project Name/Type: Kalaupapa Airport Security Fence and Air Rescue/Fire Fighting (ARFF) Station Survey; Inventory Survey

Work Duties: Survey, mapping, excavations, background research, laboratory analysis, and write-up of technical report

Client: Leo A. Daly

Year (contract date): 2007

Location: Kalaupapa, Moloka'i

Role: Laboratory Supervisor

Project Name/Type: Fort Hase Archaeological Laboratory Analyses; Laboratory Analyses

Work Duties: Laboratory analyses and write-up of technical report

Client: Department of the Navy, Naval Facilities Engineering Command, Pacific

Year (contract date): 2007

Location: IARII Honolulu Laboratory

Role: Project Director

Project Name/Type: Pacific Warfighting Center Monitoring; Archaeological Monitoring

Work Duties: Archaeological monitoring, directing field personnel, and write-up of technical report

Client: Department of the Navy, Naval Facilities Engineering Command, Pacific

Year (contract date): 2007

Location: Ford Island, O'ahu



Role: Project Director

Project Name/Type: Hawaii Regional Security Operations Center (HRSOC) Access Road Construction Monitoring; Archaeological Monitoring

Work Duties: Archaeological monitoring, directing field personnel, and write-up of technical report

Client: Department of the Navy, Naval Facilities Engineering Command, Pacific

Year (contract date):2007

Location: Wahiawa, O'ahu

Role: Project Director

Project Name/Type: Marine Corps Base Hawaii (MCB-Hawaii) Fiber Optic Cable Monitoring; Archaeological Monitoring

Work Duties: Archaeological monitoring and write-up of technical report

Client: Department of the Navy, Naval Facilities Engineering Command, Pacific

Year (contract date):2007

Location: Marine Corps Base Hawaii, Kāne'ohe, O'ahu

Role: Supervisory Archaeologist

Project Name/Type: Schuler Waimea Town Center Monitoring; Archaeological Monitoring and Burial Recovery

Work Duties: Archaeological monitoring and write-up of technical report

Client: DR Horton-Schuler Division

Year (contract date):2007

Location: Waimea, Hawai'i Island

Role: Project Director

Project Name/Type: Marine Corps Base Hawaii (MCB-Hawaii) Taxiway Lighting Monitoring; Archaeological Monitoring

Work Duties: Archaeological monitoring and write-up of technical report

Client: Department of the Navy, Naval Facilities Engineering Command, Pacific

Year (contract date):2006

Location: Marine Corps Base Hawaii, Kāne'ohe, O'ahu

Role: Field Technician

Project Name/Type: KAHO Kaloko Data Recovery; Data Recovery

Work Duties: Excavations, laboratory analyses, and write-up of technical report

Client: National Park Service

Year (contract date):2006

Location: Kaloko-Honokohau National Park, Hawai'i Island

Role: Osteological Assistant

Project Name/Type: Pond Road Human Remains; Osteological analysis

Work Duties: Osteological analysis, faunal analysis

Client: Department of the Navy, Naval Facilities Engineering Command, Pacific

Year (contract date):2006

Location: Marine Corps Base Hawaii, Kāne'ohe, O'ahu

Role: Field Technician

Project Name/Type: Upland Honokohau Inventory Survey; Inventory Survey

Work Duties: Survey and mapping



Client: Lanihau Properties, LLC
Year (contract date):2006
Location: Honokohau, Hawai'i Island

Role: Field Technician
Project Name/Type: Kuakini Highway Improvements Inventory Survey; Inventory Survey
Work Duties: Survey and mapping
Client: Parsons Brinckerhoff Quade & Douglas, Inc.
Year (contract date):2005
Location: Kona, Hawai'i Island

Role: Field Technician
Project Name/Type: HALE Puhilele Survey; Inventory Survey
Work Duties: Survey, mapping, excavations, and laboratory analyses
Client: National Park Service
Year (contract date):2004
Location: Haleakala National Park, Maui

Role: Supervisory Archaeologist
Project Name/Type: Luala'i Subdivision Phases II and III Monitoring; Archaeological Monitoring, Burial Recovery, and Data Recovery
Work Duties: Archaeological monitoring, excavations, laboratory analyses, and write-up of technical report
Client: DR Horton-Schuler Division
Year (contract date):2004
Location: Waimea, Hawai'i Island

Role: Field Technician
Project Name/Type: PUHE Pelekane Survey; Inventory Survey
Work Duties: Survey, mapping, excavations, laboratory analyses
Client: National Park Service
Year (contract date):2003
Location: Pu'ukohola Heiau National Historical Park, Hawai'i Island

Role: Field Technician
Project Name/Type: PUHO Keokea and Ki'ilae Survey; Inventory Survey
Work Duties: Survey and mapping
Client: National Park Service
Year (contract date):2003
Location: Pu'uhonua o Hōnaunau National Historical Park, Hawai'i Island

Role: Field Director
Project Name/Type: Kamehameha Schools Kapalama Campus Survey; Inventory Survey
Work Duties: Survey, mapping, directing field personnel, and write-up of technical report
Client: Kamehameha Schools
Year (contract date): 2003
Location: Kapālama, O'ahu

Role: Field Technician
Project Name/Type: Honokohau Data Recovery; Data Recovery



Work Duties: Excavations and laboratory analyses

Client: Lanihau Properties, LLC

Year (contract date): 2002

Location: Honokohau, Hawai'i Island

Role: Laboratory Technician

Project Name/Type: Koniambo Survey; Inventory Survey

Work Duties: Faunal analysis

Client: Falconbridge Nouvell-Calédonie SAS

Year (contract date): 2002

Location: Koniambo, New Caledonia

Role: Laboratory Technician

Project Name/Type: Tualauta Sewerline Data Recovery; Data Recovery

Work Duties: Lithic analysis

Client: American Samoa Power Authority

Year (contract date): 2002

Location: Tafuna, American Sāmoa

Role: Field Technician

Project Name/Type: WW II Tafuna Airbase Inventory Survey; Inventory Survey

Work Duties: Survey and mapping

Client: American Samoa Historic Preservation Office

Year (contract date): 2001

Location: Tafuna, American Sāmoa

Role: Field Director

Project Name/Type: Ngermereus Ridge Data Recovery; Data Recovery

Work Duties: Burial recovery, mapping, excavation, osteological and laboratory analyses, and write-up of technical report

Client: Winzler & Kelly, Consulting Engineers

Year (contract date): 2000

Location: Koror, Republic of Palau

Role: Crew Chief

Project Name/Type: Tualauta Sewerline Inventory Survey; Inventory Survey

Work Duties: Survey, mapping, excavations and laboratory analyses

Client: American Samoa Power Authority

Year (contract date): 2000

Location: Tafuna, American Sāmoa

Role: Field Technician

Project Name/Type: Chinhae Cultural Resources Management Plan; CRMP and Inventory Survey

Work Duties: Survey and mapping

Client: Department of the Navy, Naval Facilities Engineering Command, Pacific

Year (contract date): 1999

Location: Chinhae, Republic of South Korea

Role: Field Technician

Project Name/Type: Sasa Valley and Tenjo Vista Inventory Survey; Inventory Survey



Work Duties: Survey, mapping, excavations, laboratory analyses, and write-up of technical report
Client: Department of the Navy, Naval Facilities Engineering Command, Pacific
Year (contract date): 1998
Location: Guam

Role: Field Technician

Project Name/Type: Tinian Phase II Survey Military Lease Back Areas; Inventory Survey
Work Duties: Survey, mapping, excavations, and laboratory analyses
Client: Department of the Navy, Naval Facilities Engineering Command, Pacific
Year (contract date): 1998
Location: Tinian

Role: Field Director

Project Name/Type: Palau Compact Road Monitoring
Work Duties: Archaeological monitoring, survey, mapping, excavation, and laboratory analyses
Client: U.S. Army Corps of Engineers
Year (contract date): 1996
Location: Babeldaob Island, Republic of Palau

Publications and Reports

Academic Publications

- Stodder, Ann L. and Timothy M. Rieth
In press Ancient Mortuary Ritual and Human Taphonomy. In John Terrell and Esther Schechter (eds.), *Archaeological Investigations on the Sepik Coast, Papua New Guinea. Fieldiana, Anthropology*. Field Museum of Natural History, Chicago.
- Rieth, Timothy M. and Terry L. Hunt
2008 A Radiocarbon Chronology for Sāmoan Prehistory. *Journal of Archaeological Science*.
- Rieth, Timothy M. and David J. Addison
2008 How Dark are They? A Review of the “Dark Ages” in Sāmoa, ~1500-1000 cal BP. In D.J. Addison, T.S. Asaua, and C. Sand (eds), *Recent Archaeology in the Fiji/West-Polynesia Region: Papers from the Archaeology of the Polynesian Homeland Conference*.
- Rieth, Timothy M., Alex Morrison, and David J. Addison
2008 The Temporal and Spatial Patterning of the Initial Settlement of Sāmoa. Submitted to *Journal of Island and Coastal Archaeology*.
- Bayman, Jim M., Jadelyn J. Moniz-Nakamura, C. Kanani Paraso, and Timothy M. Rieth
2004 Stone Adze Production and Resource Extraction at Pohakuloa, Hawai‘i Island. *Hawaiian Archaeology* 9:83-104.
- Hunt, Terry L., Karen Aronson, Ethan E. Cochrane, Julie Field, Lisa Humphrey, and Timothy M. Rieth
1999 A Preliminary Report on Archaeological Research in the Yasawa Islands, Fiji. *Domodomo: Fiji Museum Quarterly* 12:5-43.

Technical Reports:

Rieth, Timothy M.

- 2009 *Archaeological Re-location Survey and Subsurface Testing, Naval Magazine West Loch Branch, Pearl Harbor*. Prepared for Department of the Navy, Naval Facilities Engineering Command, Pacific. International Archaeological Research Institute, Inc., Honolulu. (236 pp.)
- 2009 *An Archaeological Inventory Survey of the Former Voice of America Site, Mā'ili, Lualualei Ahupua'a, Wai'anae District, O'ahu*. Prepared for Element Environmental, LLC. International Archaeological Research Institute, Inc., Honolulu. (55 pp.)
- 2008 *Archaeological Inventory Survey for the Kalaupapa Airport Fenceline and ARFF Station, Makanalua Ahupua'a, Island of Moloka'i, Hawai'i*. Prepared for Leo A. Daly. International Archaeological Research Institute, Inc., Honolulu. (79 pp.)
- 2008 *Archaeological Monitoring in Support of the Construction of a New Access Road Associated with the Hawaii Regional Security Operations Center (HRSOC), Wahiawā, O'ahu, Hawai'i*. Prepared for Department of the Navy, Naval Facilities Engineering Command, Pacific. International Archaeological Research Institute, Inc., Honolulu. (16 pp.)
- 2007 *Archaeological Laboratory Analyses, Site 50-80-11-2886, Fort Hase Beach, Marine Corps Base Hawaii (MCBH), Kāne'ohē, O'ahu, Hawai'i*. Prepared for Department of the Navy, Naval Facilities Engineering Command, Pacific. International Archaeological Research Institute, Inc., Honolulu. (68 pp.)
- 2007 *Archaeological Monitoring in Support of Construction Work to Install Taxiway Lights at MCBH Kaneohe Bay, O'ahu, Hawai'i, TMK 4-4-008:001 (Portion)*. Prepared for Department of the Navy, Naval Facilities Engineering Command, Pacific. International Archaeological Research Institute, Inc., Honolulu. (28 pp.)

Rieth, Timothy M. and Jolie Liston

- 2000 *Archaeological Data Recovery at Ngermereues Ridge, Ngesaol, Koror, Republic of Palau*. Prepared for Winzler & Kelly, Consulting Engineers, Republic of Palau. International Archaeological Research Institute, Inc., Honolulu. (165 pp.)

Rieth, Timothy M. and Alex Morrison

- 2009 *An Inventory Survey of the Proposed Kawaihae Road Bypass Corridors, Kawaihae 1 & 2, 'Ōuli, Lālānilo, and Waikoloa Ahupua'a, South Kohala, Hawai'i Island*. Prepared for EKNA Services, Inc. International Archaeological Research Institute, Inc., Honolulu. (510 pp.)
- 2009 *Archeological Inventory Survey of the Pele'ula (PUHO-032) and 'Oma'o Heiau (PUHO-011) Areas, Pu'uhonua o Honaunau National Historic Park, Kēōkeā Ahupua'a, South Kona District, Island of Hawai'i*. Prepared for the National Parks Service. International Archaeological Research Institute, Inc., Honolulu. (104 pp.)

Rieth, Timothy M., Christopher Roos, and David Welch

- 2003 *Phase I Cultural Resources Survey of the Kamehameha Schools Kapalama Campus*. Prepared for Kamehameha Schools, Honolulu. International Archaeological Research Institute, Inc., Honolulu. (56 pp.)

Carson, Mike, and Timothy M. Rieth

- 2008 *Archeological Excavations at Sites 50-10-27-2252, -2253, -2254, -2255, -2256, and -2258 in Kaloko-Honokōhau National Historical Park, Hawai'i Island*. Prepared for the National Park Service. International Archaeological Research Institute, Inc., Honolulu. (126 pp.)

Carson, Mike, Timothy M. Rieth, and William Burdick

- 2004 *An Intensive Archaeological Survey of a Portion of Ki'ilae Village in Ki'ilae Ahupua'a, Pu'uhonua o Honaunau National Historic Park, South Kona District, Island of Hawai'i*.



- TMK 3-8-4-11:7*. Prepared for the National Parks Service. International Archaeological Research Institute, Inc., Honolulu. (424 pp.)
- Dixon, Boyd, J. Stephen Athens, Jerome V. Ward, Tina Mangieri, and Timothy M. Rieth
1999 *Archaeological Inventory Survey of the Sasa Valley and Tenjo Vista Fuel Tank Farms, Piti District, Territory of Guam, Mariana Islands*. Prepared for Department of the Navy, Naval Facilities Engineering Command, Pacific. International Archaeological Research Institute, Inc., Honolulu. (395 pp.)
- O'Day, Patrick and Timothy M. Rieth
2007 *Archaeological Monitoring, Phases II and III, Luaia 'i Subdivision, Kamuela-Waimea, South Kohala, Hawai 'i Island, TMK (3)6-7-02*. Prepared for D.R. Horton-Schuler Division, Honolulu. International Archaeological Research Institute, Inc., Honolulu. (77 pp.)
- Welch, David J., Judith R. McNeill, Timothy Rieth, and Michael Kaschko
2009 *Archaeological Survey of Outlying Facilities for US Navy CFA, Sasebo, Japan; Volume I: Narrative*. Prepared for Commander, Fleet Activities Sasebo. International Archaeological Research Institute, Inc., Honolulu. (264 pp.)