



**DAVID J. WELCH, PH.D.**  
**SENIOR ARCHAEOLOGIST, PROJECTS MANAGER**

David J. Welch received his Ph.D. from the University of Hawai'i, conducting research with a National Science Foundation grant on late prehistoric agricultural intensification and urbanization in the Phimai region of northeast Thailand. He has directed four years of archaeological research in Thailand, including two years as a Fulbright fellow and consultant to the Prince of Songkhla University in southern Thailand. For the past sixteen years as senior archaeologist and projects manager with IARII, Dr. Welch has directed and managed numerous projects in the Pacific, including the Hawaiian Islands, Guam, Tinian, Palau, and Kosrae. He has also directed archaeological surveys in Korea and Japan. He has been continually involved in Mariana Island projects since 1990, acting as Principal Investigator for several CNMI government and US Navy projects on Tinian, such as the MPLC surveys, Tinian Airport survey and data recovery, the Tinian Historic Site preservation plan, and assessments of cultural resource impacts of military training exercises, as well as for the Rota Road Route 100 inventory survey and data recovery. Dr. Welch's special skills include preparation of research designs, field mapping and excavation, analysis of soils and sediments, ceramic analysis, charcoal identification, and settlement pattern analysis.

Education:

B.A., 1969, Anthropology, Beloit College, Beloit, WI  
M.A., 1975, Anthropology, University of Wisconsin, Madison, WI  
Ph.D., 1985, Anthropology, University of Hawai'i, Honolulu, HI  
NAGPRA: Implications and Applications, University of Nevada HP699, 1995, Honolulu, HI

Professional Positions:

Instructor in Anthropology, 1981, University of Hawai'i  
Instructor in Anthropology, 1981-2, Hawai'i Loa College  
Field/Project Director, 1981-4, Bishop Museum, Honolulu  
Archaeological Consultant, 1985-7, Center for Southern Thailand Studies,  
Prince of Songkhla University, Pattani, Thailand  
Senior Archaeologist and Projects Manager, 1987-present, IARII  
Affiliate Faculty, 1992-2001, University of Hawai'i  
Member, Board of Directors, 2001-present, Naga Research Group

Grants and Academic Honors:

1985-87 Fulbright Fellowship, Prince of Songkhla University, Thailand  
1982 Center for Asian and Pacific Studies Fellowship, University of Hawaii  
1979-80 National Science Foundation Dissertation Research Grant, University of Hawaii  
1978 Phi Kappa Phi Honor Society, University of Hawaii  
1969 B. A. *cum laude*, Beloit College  
1969 Honors, Anthropology Comprehensive Exam, Beloit College  
1965-66 Charles B. Salmon Scholarship, Beloit College

Primary Fields of Interest:

Late prehistoric and early historic mainland Southeast Asia  
Early urbanization and development of complex political organization  
Agricultural intensification  
Regional and interregional exchange networks  
Micronesian archaeology

Special Skills:

Archaeological field techniques: survey, excavation, instrument mapping  
Ceramic analysis, including thermoluminescence and X-ray analysis of pottery  
Soil and sediment description and analysis  
Wood charcoal identification

Settlement pattern studies; locational analysis  
Preparation of research designs and mitigation plans

General Archaeological Experience Summary:

Principal Investigator, 80 projects in Hawai'i, 44 projects in Guam, 1 project in Saipan,  
13 projects in Tinian, 42 projects in Palau, 2 projects in Rota, 5 projects in Asia  
Project Director, 22 projects in Hawai'i, 9 projects in Micronesia and 2 projects in Thailand  
Field Supervisor, 5 projects in Hawai'i, 1 project in Micronesia  
20+ years of active research in the Pacific Region  
25+ years of active research in Southeast Asia and Thailand

Recent Pacific/Asia Archaeological Experience (Project Director):

Camp Kinser survey, Okinawa, Japan 2000  
COMFLEACT Chinhae survey, Chinhae, Korea 1999  
Stallone Sediment Stratigraphy Analysis, Kaua'i 1999  
Guam Navy Ship Repair Facility EA, Apra Harbor, Guam 1998  
Marianas Training EIS survey, Farallon de Medinilla (Micronesia) 1996  
Marianas Training EIS assessment and Tinian Site Protection Plan, Tinian and Guam 1996  
Kaho'olawe paleoenvironmental study, Kaho'olawe 1991-1992  
Academy of Our Lady of Guam Gymnasium data recovery excavations, Guam 1991  
Kanaha Beach Park subsurface testing, Maui 1990  
Saddle Road Pohakuloa Area inventory survey, Hawai'i 1990

Ability to Carry Research to Completion:

Completion of over 40 technical reports  
Publication of over 20 reports and articles in scholarly journals

Publications:

- 2002 Archaeological and Paleoenvironmental Evidence of Early Settlement in Palau. *Bulletin of the Indo-Pacific Prehistory Association* 22: 161-173.
- 2002 Vegetation Change, Avifaunal Extinctions, and Polynesian Impacts in Prehistoric Hawai'i. *Archaeology in Oceania* 37:57-78. with Athens, J. Stephen, H. David Tuggle, and Jerome V. Ward.
- 2001 Early Upland Expansion of Palauan Settlement. In *Pacific 2000. Proceedings of the Fifth International Conference on Easter Island and the Pacific*, edited by Christopher M. Stevenson, Georgia Lee, and F. J. Morin, pp. 179-184.
- 1998 Archaeology of Northeast Thailand in Relation to the Pre-Khmer and Khmer Historical Records. *International Journal of Historical Archaeology* 2:205-233.
- 1997 Archaeological Evidence of Khmer State Political and Social Organization. *Bulletin of the Indo-Pacific Prehistory Association* 16: 69-78.
- 1994 Review of *Lang Rongrien Rockshelter: A Pleistocene, Early Holocene Archaeological Site from Krabi, Southwestern Thailand* by Douglas D. Anderson, *Asian Perspectives* 33 (2).
- 1991 Regional and Interregional Exchange on the Khorat Plateau. *Bulletin of the Indo-Pacific Prehistory Association* 10 (*Indo-Pacific Prehistory 1990, Vol. 1*, Proceedings of the 14th Congress of the Indo-Pacific Prehistory Association): 327-340. with Judith R. McNeill.
- Settlement, Population, and Agricultural Changes in the Phimai Region, Thailand. *Bulletin of the Indo-Pacific Prehistory Association* 11 (*Indo-Pacific Prehistory 1990, Vol. 2*, Proceedings of the 14th Congress of the Indo-Pacific Prehistory Association): 210-228. with Judith R. McNeill.

- 1989 Late Prehistoric and Early Historic Exchange Patterns in the Phimai Region, Thailand. *Journal of Southeast Asian Studies* 20: 11-26.
- Archaeological Investigations of Pattani History. *Journal of Southeast Asian Studies* 20: 27-41. with Judith R. McNeill.
- Review of *Moated Sites in Early North East Thailand* by Elizabeth H. Moore. *Journal of Asian Studies* 48: 437-439.
- 1988-9 Archaeological Excavations at Ban Tamyae and Non Ban Kham, Phimai Region, Northeast Thailand. *Asian Perspectives* 28 (2): 99-123. with J. R. McNeill.
- 1988 History and Archaeology of Pattani. *Muang Boran Journal* 14 (3): 27-38 (in Thai). with Sawang Lertrit and Judith R. McNeill.
- 1987 Approaches to Settlement Pattern Studies in Southeast Asian Archaeology. *SPAFA Final Report: Seminar in Prehistory of Southeast Asia* (T-W11), p. 267-278. SEAMEO, Bangkok.
- Archaeological Investigations of Lower Pattani Basin Settlements. *Proceedings of the Third International Conference on Thai Studies*, Vol. 3, p. 365-375. Canberra. with J. R. McNeill.
- Archaeological Investigations in the Pattani River Basin, Southern Thailand. *Aseasuk News* 1 (2): 18-19. with J. R. McNeill and Sawang Lertrit.
- 1986 Archaeological Research in the Southern Border Provinces: An Introduction. *Rusemilae* 10 (1): 39-43 (in Thai).
- 1985 *Adaptation to Environmental Unpredictability: Intensive Agriculture and Regional Exchange at Late Prehistoric Centers in the Phimai Region, Thailand*. Ph. D. Dissertation, University of Hawaii, Honolulu. University Microfilms, Ann Arbor.
- 1984 Settlement Pattern as an Indicator of Subsistence and Political Organization in the Phimai Region, Thailand. In *Southeast Asian Archaeology at the XV Pacific Science Congress*, edited by Donn Bayard, p. 129-151. University of Otago Studies in Prehistoric Anthropology, Vol. 16. Dunedin.
- 1983 Preliminary Report of Archaeological Survey and Excavations in the Phimai Region, Northeast Thailand. *Bulletin of the Indo-Pacific Prehistory Association* 4: 58-70.
- Archaeological Investigations in Section 2. In *Archaeological Investigations of the Mudlane-Waimea-Kawaihae Corridor, Island of Hawai'i: An Interdisciplinary Study of an Environmental Transect*, edited by Jeffrey T. Clark and Patrick V. Kirch, p. 138-180. Departmental Report Series No. 83-1. Department of Anthropology, B. P. Bishop Museum, Honolulu.
- 1981 Review of *The Pa Mong Archaeological Survey Program 1973-75* by Donn Bayard. *Asian Perspectives* 24: 238-239.

Selected Reports:

- 2003 *Cultural Resources Study for U.S. Army Transformation of the Second Brigade of the 25<sup>th</sup> Infantry Division (Light) to a Stryker Brigade Combat Team, Hawai'i*. IARII draft final report prepared for U.S. Army Garrison, Hawai'i, Schofield Barracks. With Christophe Descantes.
- In Back of the Cathedral: Archaeological Investigations in the Heart of Agaña, Guam. Archaeological Inventory Survey, Data Recovery, Burial Recovery, and Monitoring at the Academy of Our Lady of Guam Gymnasium Site*. IARII preliminary draft report prepared for the Archdiocese of Guam. with Judith R. McNeill.
- 2002 *Archaeological Investigations at Camp Kinser, Urasoe City, Okinawa, Japan*. IARII report prepared for U.S. Marine Corps Facilities Engineering Division, Camp Smedley D. Butler, Okinawa. with Judith R. McNeill.

- 2002 *Cultural Resources Assessment for Marine Forces Pacific, Andersen South Training Area, Andersen Air Force Base, Mariana Islands, Guam.* Prepared for Department of the Navy, Pacific Division. International Archaeological Research Institute, Inc., Honolulu. With Michael W. Kaschko.
- 2001 *Cultural Resources Management Plan for Commander Fleet Activities, Chinhae, Republic of Korea.* IARII report prepared for Commander Fleet Activities, Chinhae, Republic of Korea. with M.J. Tomonari-Tuggle, Judith R. McNeill, and Katharine Slocumb.
- Archaeological Data Recovery of Site TN-1-691, West Tinian Airport Improvement Area, Island of Tinian.* IARII draft report prepared for Commonwealth Ports Authority. With Boyd Dixon.
- 2001 *Documentary Archival Research, Field Verification, and Inventory Survey at Camp Foster, Okinawa, Japan. Volume II. Integration of Camp Foster Cultural Property Data into Camp Butler GIS.* Draft report prepared for Department of the Navy, Pearl Harbor, Hawai'i. IARII, Honolulu, Hawai'i. With Judith R. McNeill.
- 2000 *Navy Guam Land Use Plan Releasable Parcels: Archaeological Assessment Study.* IARII report prepared for Belt Collins Hawaii. With H. David Tuggle
- 2000 *Archaeology on a South Coast Landscape, Hulopo'e, Lana'i, Hawai'i. Volumes II and III: Site and Feature Descriptions.* Report prepared for Lanai Company, Inc., Honolulu, Hawai'i. IARII, Honolulu, Hawai'i. With J. Stephen Athens, Judith R. McNeill, M.J. Tomonari-Tuggle, David J. Welch, and Stephen Wickler.
- 1999 *Tinian Historic Site Protection Plan for the Military Lease Area.* IARII report prepared for Belt Collins Hawaii. With H. David Tuggle
- Environment, Vegetation Change, and Early Human Settlement on the 'Ewa Plain: A Cultural Resource Inventory of Naval Air Station, Barbers Point, O'ahu, Hawai'i. Part III: Paleoenvironmental Investigations.* IARII report prepared for Belt Collins Hawaii. With J.S. Athens, H.D. Tuggle, and J.V. Ward.
- 1998 *Military Exercises and Historic Sites in the Military Retention Area of the Island of Tinian, CMNI: An Archaeological Assessment.* IARII final report prepared for Belt Collins Hawaii. With H. David Tuggle.
- 1998 *Military Exercises and Historic Sites in Military Training Areas on the Island of Guam: An Archaeological Assessment.* Report prepared for Belt Collins Hawaii, Honolulu, Hawai'i. IARII, Honolulu, Hawai'i. With Judith R. McNeill.
- 1998 *Archaeological Inventory Survey of the Capital Relocation Site, Melekeok, Republic of Palau.* Report prepared for Architects Hawaii, Inc., Honolulu, Hawaii. International Archaeological Research Institute, Inc., Honolulu. With Jolie Liston and Michael W. Kaschko.
- 1998 *Intensive Archaeological Survey for the Palau Compact Road, Palau. Volume I: Scope, Background, Results, Evaluation, and Recommendations.* IARII draft report prepared for U.S. Army Corps of Engineers, Pacific Ocean Division. With Stephen K. Wickler, M.J. Tomonari-Tuggle, Jolie Liston, and H. David Tuggle.
- Preliminary Archaeological Reconnaissance and Assessment of Farallon de Medinilla, Mariana Islands.* IARII final report prepared for Belt Collins Hawaii.
- 1997 *Architecture and Archaeology at Naval Air Station Kahului, Kahului Airport, Island of Maui.* IARII final report prepared for Edward K. Noda and Associates. with Ann Yoklavich and M. J. Tomonari-Tuggle.
- Data Recovery Plan: Phase II Historic Preservation Investigations, Palau Compact Road, Babeldaob, Republic of Palau.* IARII plan prepared for U.S. Army Corps of Engineers, Pacific Ocean Division. with Stephen Wickler.

- 1995 *The Archaeology of Kahului Airport*. Report prepared for Edward K. Noda and Associates, Honolulu, Hawaii. International Archaeological Research Institute, Inc., Honolulu. With M. J. Tomonari-Tuggle.
- 1993 *Archaeological Survey and Testing for the Saddle Road Improvement Project, Pohakuloa Area, Hawai'i, Hawaii*. IARII final report submitted to National Park Service, Western Region, San Francisco.
- 1992 *Reconnaissance Archaeological Site Survey of the MPLC Carolinas Homesteads Subdivision, Tinian, Commonwealth of the Northern Mariana Islands*. IARII final report prepared for Marianas Public Land Corporation, Saipan, CNMI. With Connie Cox Bodner.
- 1991 *Archaeological Subsurface Testing for Kanaha Beach Park Addition and Kanaha Airport Transient Apron, Kahului Airport, Wailuku, Maui, Hawaii*. IARII report prepared for R. T. Tanaka Engineers, Inc., Wailuku, Maui.
- 1990 *Intensive Archaeological Survey of the RS-3 Circumferential Road Corridor, Okat Valley, Kosrae, Eastern Caroline Islands, Micronesia*. IARII technical report submitted to Kosrae State Government, Kosrae, Federated States of Micronesia. With Judith R. McNeill and J. Stephen Athens.
- 1989 *Archaeological Investigations at Pauoa Bay (Ritz-Carlton Mauna Lani Resort) South Kohala, Hawai'i*. IARII final report submitted to Belt, Collins, and Associates, Honolulu and Mauna Lani Resort, South Kohala.
- 1982 *Archaeological Survey and Excavations of the Kahakai (Kailua-Keauhou) Elementary School Site, North Kona, Hawai'i*. B. P. Bishop Museum Ms. No. 051082, Honolulu.