

CURRICULUM VITAE

Judith R. McNeill

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Current Position and Address:

Supervisory Archaeologist and Computer Systems Manager
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Education

Academic

1978-1993	University of Hawaii, Honolulu, HI	Ph.D. Candidate	Anthropology (Archaeology)
1975-1978	University of Hawaii, Honolulu, HI	M.A.	Anthropology (Archaeology)
1973-1975	University of Wisconsin, Madison, WI	M.A. Program	Anthropology (Archaeology)
1965-1969	Beloit College, Beloit, WI	B.A.	Anthropology

Job Related

Apr 2003	ESRI Virtual Campus		Migrating to ArcGIS 8.x
Nov 2000	ESRI Virtual Campus	Certificate	Introduction to ArcView GIS
Dec 1999	Professional Training-Hawaii	Certificate	8hr HAZWOPER Refresher
July 1995	Professional Training-Hawaii	Certificate	40hr OSHA HAZWOPER
July 1992	Kapiolani Community College	Certificate	AutoCAD Level I

Professional Positions

Nov 1987-present	Supervisory Archaeologist and Computer Systems Manager, IARII, Honolulu, HI. Direct and supervise archaeological field and laboratory research, write reports. Responsible for the acquisition, integration, and maintenance of all computer and GPS related hardware and software, training of IARII personnel in the use of company computers and programs, design and maintenance of IARII specific GIS, database, spreadsheet, and graphics applications.
Aug 1975-Dec 1978	Teaching Assistant. Department of Anthropology, University of Hawaii, Honolulu, HI. Courses: Introduction to Anthropology and Cultural Anthropology.
Jan 1975-May 1975	Program Director. City of Madison-Dane County Manpower Consortium. Madison, Wisconsin.
Jan 1970-May, 1973	Personnel Analyst/Program Director. City of Milwaukee Civil Service Commission. Milwaukee, WI.
Jan-Apr 1968	Seasonal Ranger Archaeologist, National Park Service. Arches National Monument, Moab, Utah.

Academic Honors

1989	Fulbright-Hays Dissertation Research Fellowship, Phimai, Thailand.
1968	Honors, Humanities Area Exam, Beloit College

Primary Fields of Interest

Computer applications for archaeological research
Late prehistoric and early historic mainland Southeast Asia
Development of complex political organization
Regional and interregional exchange networks
Micronesian archaeology
Hawaiian archaeology

Special Skills

Archaeological field techniques: survey, excavation, instrument mapping
Non-human skeletal and molluscan analyses
Burial excavation and osteological field analysis
Settlement pattern studies; locational analysis
GIS and database design
Cartography and scientific illustration
Computer hardware repair and maintenance

Computer software expertise:	database	MS Access, R:base, Paradox
	spreadsheet	MS Excel, Quattro Pro
	word-processing	MS Word, MS Publisher, Adobe Acrobat
	graphics	Axum, Adobe Photoshop, Corel Draw, Visio
	CAD	AutoCAD
	GIS/GPS/geographical analysis	ArcView, ArcGIS, PathFinder Office, TerraSync, Surfer, SigmaScan

Foreign Languages

Thai	Fair reading and good speaking ability
Spanish	Good reading and fair speaking ability
Mandarin Chinese	Minimal speaking ability

Archaeological Field Experience

Thailand:

Jan - Mar 1994	Project Co-Director, Khorat Basin Archaeological Project (KBAP III), Phimai. Intensive survey of prehistoric and early historic mound and fortified sites in the Khorat Basin.
Jan 1989-Dec 1989	Project Director, Khorat Basin Archaeological Project (KBAP II), Phimai. Intensive survey of prehistoric and early historic mound and fortified sites in the Khorat Basin. Excavations at three habitation sites. Ph.D. dissertation research.
Aug 1985-May 1987	Project Co-Director, Prince of Songkhla University – Pattani Research Project, Pattani. Investigation of regional prehistory and history using site survey, mapping, excavation, and the collection of oral histories.
Nov 1979-May 1980	Project Co-Director, Khorat Basin Archaeological Project (KBAP I), Phimai. Intensive survey of prehistoric and early historic mound and fortified sites in the Khorat Basin. Excavations at two habitation sites.

Korea:

Nov 1999 COMFLEACT Chinhae, Republic of Korea. Project Director (IARII), inventory survey of undeveloped portions of US Naval base. P.I.: David J. Welch

Okinawa, Japan

Nov-Dec 2000 Camp Smedley D. Butler, Okinawa, Japan. Project Director (IARII), inventory survey with GPS recording in order to develop GIS data for US Marine Corps Camp Kinser. P.I.: David J. Welch

Dec 2000 Camp Smedley D. Butler, Okinawa, Japan. Project Director (IARII), relocate previously identified sites and take GPS readings in order to develop GIS data for US Marine Corps Camp Foster. P.I.: David J. Welch

Micronesia:

Jul-Aug 2000 Ngerur Island, Republic of Palau. Project Director (IARII), data recovery excavation of historic-era Palauan cemetery and test excavation of possible non-cemetery burial features. P.I.: David J. Welch

Mar 1996 Various military bases, Guam. Project Director (IARII), military training EIS assessment and survey. P.I.: David J. Welch

Mar 1992 Tamuning, Guam. Project Director (IARII), monitoring utility line excavations near burial site area. P.I. J. Stephen Athens

May-Jun 1991 Agaña, Guam. Project Co-Director (IARII), data recovery excavation of historic period cistern feature. P.I.: David J. Welch

Mar-Apr 1991 Agaña, Guam. Project Co-Director (IARII), data recovery excavation of prehistoric, Spanish Period and World War II era features and burials. P.I.: David J. Welch

Jan 1991 Agaña, Guam. Field Director (IARII), backhoe test excavation of historic/prehistoric site area. P.I.: David J. Welch

Mar -Jul 1990 Tamuning, Guam. Project Director (IARII), data recovery excavation of prehistoric Chamorro burial site with over 150 individuals interred. P.I.: J. Stephen Athens.

Apr-May 1988 Kosrae, Federated States of Micronesia. Field Director (IARII), intensive surface and subsurface survey, and mapping of large-scale habitation sites. Dir: David J. Welch.

Hawaii:

July 1994 Barking Sands, PMRF, Kauai. Principal Investigator (IARII), backhoe testing of beach deposit areas.

Oct 1991 South Kohala, Hawai'i. Field Supervisor (IARII), mapping and test excavation of prehistoric fishpond and rockshelter features. Dir: David J. Welch.

Mar 1991 Kailua-Kona, Hawai'i. Field Supervisor (IARII), mapping and test excavation of prehistoric and historic features. Dir: David J. Welch.

Dec 1990 Saddle Road, Pohakuloa, Hawai'i. Field Supervisor (IARII), mapping and test excavation of prehistoric rockshelter sites. Dir: David J. Welch.

Jan-Feb 1990	Barking Sands, Kauai. Field Supervisor (IARII), intensive subsurface survey (auger coring and test excavation) of dune deposits. Dir: David J. Welch.
Nov-Dec 1988	South Kohala, Hawai'i. Field Supervisor (IARII), data recovery excavations of prehistoric features. Dir: David J. Welch.
Mar 1988	Waimanalo, O'ahu. Field Director (IARII), data recovery excavations of dune site at Bellows AFS. P.I.: J. Stephen Athens.
Mar 1988	South Kohala, Hawai'i. Field Supervisor (IARII), test excavation, mapping and auger coring. Dir: David J. Welch.
Jan 1988	Kalialinui, Maui. Field Supervisor (IARII), subsurface survey (auger coring) of beach area. Dir: David J. Welch.
Jan 1988	Kailua-Kona, Hawai'i. Field Supervisor (IARII), reconnaissance survey. Dir: David J. Welch.
Nov-Dec 1987, Feb 1988	Hulopoe Bay, Lanai. Field Assistant (IARII), data recovery excavation and mapping of habitation sites. Dir: J. Stephen Athens.
Oct-Nov 1987	Barber's Point, O'ahu. Field Assistant (IARII), reconnaissance survey. Dir: David J. Welch.
Feb-Mar 1985	Moanalua, O'ahu. Field Assistant (Independent consultant), reconnaissance survey. Dir: Patricia Price-Beggerly.
Dec 1984-Jul 1985 (intermittent)	Waimanalo, O'ahu. Field Director (Independent consultant), surface and subsurface reconnaissance survey and archaeological monitoring at Bellows AFS. P.I.: J. Stephen Athens.
Sep 1984	South Kohala, Hawai'i. Field Assistant (B.P. Bishop Museum [BPBM]), reconnaissance survey. Dir: David J. Welch.
May-Jul 1982, Apr 1983	Barber's Point, O'ahu. Field Assistant (BPBM), data recovery excavation of habitation sites and extinct fauna deposits. Dir: Bertell Davis.
Dec 1981-Jan 1982	Waikiki, O'ahu. Field Assistant (BPBM), data recovery excavation of historic hotel and prehistoric burial sites. On-site monitor of construction activities. Dir: Bertell Davis.
Oct-Nov 1981	Kawainui Marsh, O'ahu. Field Assistant (BPBM), test excavation of habitation sites. Dir: J. Stephen Athens.
Sep 1981	Kailua, O'ahu. Field Assistant (BPBM), data recovery excavation of habitation site. Dir: J. Stephen Athens.
Aug 1981	Waimea-Kawaihae, Hawai'i. Field Assistant (BPBM), data recovery excavations of agricultural and habitation sites. Dir: David J. Welch.
Jul 1981	Kailua-Keauhou, Maui. Field Director (BPBM), on-site monitoring of bulldozing activities at and near habitation and shrine sites. P.I.: J. Stephen Athens.
Jun 1981	Waimea Bay, O'ahu. Field Assistant (BPBM), test excavation of habitation sites. Dir: Kanalei Shun.
Apr-May 1981	Kailua-Keauhou, Hawai'i. Field Assistant (BPBM), intensive survey and data recovery excavation of habitation and shrine sites. Dir: David J. Welch.

Oct-Dec 1980 Makena, Maui. Field Assistant (BPBM), test and data recovery excavations at six prehistoric and early historic habitation and shrine sites. Dir: Susan Dobyns.

Jul 1979 Malaekahana, O'ahu. Field Assistant (Independent consultant), State of Hawaii, Dept. of Parks and Recreation excavation of beach dune site. Dir: Patricia Price-Beggerly.

Jun 1979 Makena, Maui. Field Assistant (BPBM), test excavations at five open-air terraced or walled sites. Dir: David Dennison.

Feb 1979 Kuliouou Valley, O'ahu. Field Assistant (Chiniago, Inc.), test excavations of agricultural features. Dir: William Barerra.

Jun-Jul 1976 Waimalu Valley, O'ahu. Field Supervisor (University of Hawaii Field School), excavation of cave site. Dir: Everett Frost.

Mainland U.S.:

Dec 1983-Feb 1984 Carlsbad, New Mexico. Field Assistant (Chambers Consultants and Planners), test and data recovery excavations at two prehistoric habitation sites. Dir: Kenneth Lord.

Jun-Aug 1974 Jones Ridge, Illinois. Field Assistant (Illinois Archaeological Survey), intensive survey of a Mississippi River floodplain with test excavations at three Woodland Period midden-habitation sites. Dir: James Porter.

Sep-Oct 1974 Dane County, Wisconsin. Volunteer Field Assistant (University of Wisconsin), excavation of Archaic rockshelter habitation site. Supv: James Stoltman.

May-Jun 1967 Rock County, Wisconsin. Volunteer Field Assistant (Beloit College) excavation of prehistoric mound site. Supv: Robert Salzer.

Laboratory Experience

General

1987-present Supervise the completion of laboratory analysis for various projects conducted in Micronesia and Hawai'i. Design and oversee the implementation of a computerized laboratory database. Consult with the IARII Laboratory Supervisor on the treatment of recovered archaeological materials.

Jan-Mar 1994 Laboratory Director (KBAP III). Completion of in-field analysis of previously collected survey and excavation materials. Phimai, Thailand.

May-Oct 1989 Laboratory Director (KBAP II). In-field analysis of artifactual materials, non-human skeletal and molluscan remains, and soil samples; and preparation of site maps from the sites of Muang Phet, Ban Tajae, and Non Si Fan, Phimai, Thailand.

Apr 1987 X-ray spectrometry analysis of Phimai region sherds (KBAP I). Chiang Mai University, Thailand.

Jul-Sep 1984 Independent Laboratory Consultant, Nan Madol, Ponape Job's Bill Project. Lab analysis of midden material. Dir: J. Stephen Athens.

Feb 1983, Dec 1984 Laboratory Supervisor (KBAP I). Identification and analysis of non-human skeletal material from the sites of Ban Tamyae and Non Ban Kham, Thailand.

May-Jul 1981 Laboratory Assistant (BPBM). Analysis of shell and bone material from excavations at Kailua-Keauhou, Hawai'i, Hawaii and drafting of site maps and artifact records. Dir: David J. Welch.

Feb-Apr 1981 Laboratory Assistant (BPBM). Analysis of shell and bone material from excavations at Makena, Maui, Hawaii. Dir: Susan Dobyns.

Apr-Aug 1980 Laboratory Supervisor, (KBAP I). In-field analysis of ceramic and lithic materials, human skeletal remains, and soil samples; flotation of soil samples; and preparation of site maps and artifact records from the sites of Ban Tamyae and Non Ban Kham, Thailand.

Jul 1976 Laboratory Supervisor (University of Hawaii Field School). Analysis of shell and bone material and flotation of soil samples from excavations at Waimalu Valley, O'ahu, Hawaii. Dir: Everett Frost.

Feb-Mar 1974 Laboratory Assistant (University of Wisconsin). Analysis and classification of lithic material from the Governor Dodge site, Wisconsin. Supv: James Stoltman.

GIS

1999-present Computer Systems Manager (IARII). Oversee and provide guidance to archaeologists and GIS specialists preparing GIS maps and databases.

2003 Project Director (IARII). Prepare cultural resources entity layers (maps and database) for PMRF, Kauai.

2002-present Project Director (IARII). Prepare cultural resources entity layers (maps and database) for US Navy Lands, Guam.

2000 Project Director (IARII). Prepare cultural resources entity layers (maps and database) for Camps Kinser and Foster, Okinawa.

1998 Team Member (IARII). Development of a cultural landscape framework (a demonstration GIS) for implementing the Schofield Barracks ICRMP.

Cartography, Drafting and Illustration

1990-present Computer Systems Manager (IARII). Oversee preparation of computer generated specialist maps and drawings. Train and advise staff in the use of new equipment and software. Consult with Project Directors regarding report illustration needs.

Nov 1987-Dec 1988 (intermittent) Drafting Specialist (IARII). Preparation of site maps for publication for various archaeological projects.

Nov-Dec 1984 Drafting Specialist (Independent consultant). Preparation of artifact illustrations for publication from investigations on Aneityum, Solomon Islands for Matthew S. Spriggs, University of Hawaii .

Nov 1984 Drafting Specialist (Independent consultant), Mokapu Sand Burial Site Project, O'ahu, Hawaii. Preparation of site maps for publication for J. Stephen Athens.

Aug, Dec 1984 Drafting Specialist (Independent consultant), Nan Madol, Ponape Job's Bill Project. Preparation of site maps and artifact illustrations for publication for J. Stephen Athens.

Feb-Apr 1982 Drafting Specialist (Independent consultant). Preparation of artifact illustrations for publication from the site of Non Nok Tha, Thailand for Wilhelm G. Solheim II, University of Hawaii.

Osteological

- Aug 1977-Sep 1978 Laboratory Assistant (University of Hawaii). Reconstruction and osteological analysis of human skeletal remains from the site of Ban Chiang, Thailand. Supv: Michael Pietrusewsky.
- Aug 1974 Laboratory Assistant (Illinois Archaeological Survey). Preliminary analysis of human skeletal remains from an Illinois Woodland site and drafting of artifact records. Dir: James Porter.

Computer Operations

- Feb 1999-present Design, oversee installation, administer, and maintain IARII computer network. Responsible for the acquisition and integration of all computer related hardware and software.
- July 1992-present Technical consultant for the design and implementation of computerized databases of artifacts and other materials from IARII projects in Hawaii and Micronesia.
- Aug 1992 Assemble, install and integrate a scanner/high resolution printer system for producing photographic and other illustrations for IARII technical reports.
- May 1992 Assemble, install and integrate a CAD (computer aided drafting) workstation for producing high quality maps and figures for IARII technical reports.
- Sep-Dec 1990 Design and implement computerized database of all material (artifactual and midden) recovered from several IARII projects at Hulopoe, Lana'i.
- Sep-Oct 1988, May-Oct 1989, Jan-Mar 1994 Design and implement computerized database of all material (artifactual and midden) recovered from KBAP I – III, Phimai, Thailand.

Publications, Technical Reports and Conference Papers

- in prep. *Archaeological Investigations in Apotguan, Guam: Agana Beach Condominium Site. Volume 2: Burial Recovery.* IARII Technical Report.
- in prep. *Academy Gym Excavation Report.* IARII Technical Report. with David J. Welch.
- 2002 *Burial Recovery at a Japanese Era Cemetery on Ngerur Island, Republic of Palau.* Report prepared for Morita Hotel Corporation, Koror, Palau. with Michele Toomay Douglas.
- Archaeological Investigations at Camp Kinser, Urasoe City, Okinawa, Japan.* Report prepared for Naval Facilities Engineering Command, Honolulu. with David J. Welch.
- 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. Report prepared for Naval Facilities Engineering Command, Honolulu. with David J. Welch.
- Human Spear Points and Speared Humans: The Procurement, Manufacture, and Use of Bone Implements in Prehistoric Guam. *Bulletin of the Indo-Pacific Prehistory Association* 6:175-180. Originally presented at the Sixteenth IPPA Congress, Melaka, Malaysia, 1998.
- 2000 *Cultural Resources Survey of US Navy COMFLEACT Chinhae, Republic of Korea.* IARII Report prepared for Naval Facilities Engineering Command, Honolulu. with David J. Welch and Katharine Slocumb.

- Archaeology on a South Coast Landscape, Hulop'oe, Lana'i, Hawai'i, Volumes II and III.* IARII Report prepared for Lanai Company, Honolulu. with J. Stephen Athens, M.J. Tomonari-Tuggle, David J. Welch, and Steven Wickler.
- 1998 *Military Exercises and Historic Sites in Military Training Areas on the Island of Guam: An Archaeological Assessment.* IARII Report prepared for Belt Collins Hawaii, Honolulu, Hawaii. with David J. Welch.
- 1997 Muang Phet: Quaritch Wales' Moated Site Excavations Re-appraised. *Bulletin of the Indo-Pacific Prehistory Association* 16: 167-176. Originally presented at the Fifteenth IPPA Congress, Chiang Mai, Thailand, 1994.
- Archaeological Evidence of Historic Centers in the Pattani Basin, Thailand. Society for American Archaeology 62nd Annual Meeting, April, Nashville.
- 1991 Settlement, Agriculture, and Population Changes in the Phimai Region, Thailand. *Bulletin of the Indo-Pacific Prehistory Association* 11:210-228. with David J. Welch. Originally presented at the Fourteenth IPPA Congress, Yogyakarta, Indonesia, 1990.
- 1990 Regional and Interregional Interaction on the Khorat Plateau. *Bulletin of the Indo-Pacific Prehistory Association* 10:327-340. with David J. Welch. Originally presented at the Fourteenth IPPA Congress, Yogyakarta, Indonesia, 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 David J. Welch and J. Stephen Athens.
- 1989 Khorat Basin Archaeological Project II Progress Reports 1-4. Reports prepared for National Research Council and Fine Arts Department, Bangkok, Thailand.
- Intensive Archaeological Survey and Data Recovery at Site 50-80-15-3709, Bellows Air Force Station, O'ahu, Hawaii.* IARII Technical Report submitted to U.S. Army Engineer District, Pacific Ocean Division, Hawaii.
- Archaeological Investigations of Pattani History. *Journal of Southeast Asian Studies* 20:27-41. with David J. Welch.
- 1988-89 Archaeological Excavations at Ban Tamyae and Non Ban Kham, Phimai Region, Northeast Thailand. *Asian Perspectives* 28 (2):99-123. with David J. Welch.
- 1988 History and Archaeology of Pattani. *Muang Boran Journal* 14 (3):27-38 (in Thai). with Sawang Lertrit and David J. Welch.
- 1987 Archaeological Investigations of Lower Pattani Basin Settlements. *Proceedings of the Third International Conference on Thai Studies.* 3:365-375. with David J. Welch.
- Archaeological Investigations in the Pattani River Basin, Southern Thailand. *Aseasuk News* 1 (2):18-19. with David J. Welch and Sawang Lertrit.
- 1986 Archaeological Investigations of Pattani History. Tenth Conference of the International Association of Historians of Asia, Singapore. with David J. Welch