

BIOGRAPHICAL SKETCH

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NAME: PETERSON, JOHN A.

eRA COMMONS USER NAME (agency login): JAPETERSON

POSITION TITLE: Assistant Vice President of Graduate Studies, Sponsored Programs and Research

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.*)

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
University of Chicago, Antioch University	BA	05/1972	Environmental Studies
University of Texas, Austin, Texas	MA	05/1988	Anthropology
University of Texas, Austin, Texas	PHD	12/1993	Anthropology

A. Personal Statement

I joined the University of Guam team in the latter two years of the NCI U56 Cancer Health Disparities Partnership with University of Hawaii Cancer Center (2008-2009). The goal of this program was to enhance Pacific Islander participation by MA graduate students at UOG, PhD students at UHCC, and to promote faculty research to address cancer health disparities in the region, and to contribute to the support research infrastructure. While my specialty has not been biomedical research, I have a broad background in scientific research in environmental studies as well as historical ecology as an outgrowth of studies in environmental anthropology as well as ecological archaeology. I participated in environmental justice research and community studies as well as the EPA US-Mexico Border Tribal program, and have publications in regional and professional venues in both these areas. Medical and public health issues were often central to these environmental justice domains. In planning for the application resulting in the current U54 Partnership to Advance Cancer Health Equity, I proposed that the educational framework for the program include a broader social science and regional focus by including the Micronesian Studies Masters program. Public health and medical anthropological and sociological research are also facilitated under the Micronesian Studies rubric in addition to Biology and Environmental Science. This broadening of focus, along with the recruitment of the program Chair and other faculty, has promoted two completed MA students, each of whom are currently in PhD programs in related fields, and another 12 masters students who are contributing significant research results in the social dimensions of cancer health disparities in the region with topics in Clinical Psychology, Cultural Studies, Epidemiology, and traditional medicine. My own experience broadly in program management for grants and contracts and with several federal agencies, including NIH, NSF, NOAA, DOI-OIA, DOI-NPS, DOD, DOE, CESU, and USGS among others, has contributed to my ability to successfully manage this project as a co-leader coordinating efforts between UOG and UHCC as well as within UOG from the purview of my position as Assistant Vice President. As a scientific researcher in my own right I have contributed peer review and support for research projects ranging from social science to basic science and their relevance to cancer health disparities in Micronesia. As Assistant Vice President of Graduate Studies as well as Sponsored Research Programs I have contributed critical administrative support and structural integration of the program at a very high level in the university.

1. Wilken M, Peterson J. Native Borderlands – People and Places in the Indigenous World of the U.S. – Mexico Border. Border 2012. Environmental Protection Agency. Draft report from 2003.

2. Wilken M, Peterson J. Mexican Indigenous Groups of the Border Region. Border Environmental Protection Agency. 2003.
3. Peterson J, Vila P. The Social Perception of Environmental Problems in Ciudad Juárez/El Paso: A dissonant chorus in many languages. In Border Ethnographies: The Limits of Border Theory, Pablo Vila, editor. UTSA: University of Minnesota Press; 2003.

B. Positions and Honors

Positions and Employment

- 1986 - 1994 President, Archaeological Research, Inc. and New World Consultants, Inc.
- 1994 - 2002 Assistant Professor of Anthropology, University of Texas
- 1995 - 2002 Director, Anthropology Research Center, University of Texas
- 1998 - 2002 Director, Asian Studies Program, University of Texas
- 2003 - 2004 Senior Archaeologist, International Archaeological Research Institute, Inc.
- 2004 - 2011 Pacific Regional Manager, Garcia and Associates
- 2007 - Editor, Philippine Quarterly of Culture and Society
- 2007 - 2011 Director, Micronesian Area Research Center, University of Guam
- 2008 - Vice President for Indo-Pacific Region, International Committee for Archaeological Heritage Management (ICAHM)
- 2008 - Chair, UOG Green Steering Committee on Environmental Sustainability and Renewable Energy
- 2009 - Co-Investigator, NIH U54 Cancer Health Disparities Partnership with UH Cancer Center
- 2010 - Assistant Vice President, Graduate Studies, Research and Sponsored Programs, University of Guam, Mangilao, GU

Other Experience and Professional Memberships

- 1992 - 1992 Chairman, Historical Landmark Commission, Socorro, Texas
- 1992 - 1992 Archaeological Consultant and Member, Bishop's Historical Missions Committee for the Diocese of El Paso.
- 1993 - 1993 Center for Inter-American and Border Studies, Publications Coordinator
- 1993 - 1994 Faculty/Resource Participant, "The Mexico/U.S. Semester: Crossing Borders", National Collegiate Honors Council and Honors Program, UTEP
- 2010 - Chair, Guam Cancer Trust Fund
- 2014 - UOG Campus Representative, Fulbright Program for CIES

Honors

- 1984 Swenson Fellow in Conservation, Texas Memorial Museum
- 1986 Phi Kappa Phi, University of Texas
- 1995 Awarded Excellence in Preserving Texas History, City of Socorro Historical Landmark Commission
- 2000 Faculty Research Award, National Endowment for the Humanities Extending the Reach
- 2002 Fulbright Scholar, Department of History, University of San Carlos, Cebu
- 2005 Fulbright Specialist Award, University of San Carlos for Museum Studies Support
- 2006 Governor's Appointment, Hawai'i Historic Preservation Board
- 2011 UOG Administrator of the Year, University of Guam

C. Contribution to Science

1. My initial work in health disparities research and community action was in the El Paso US-Mexico Borderlands in the early 1990s. I participated in research projects on human perception of environmental calamities in the region, including health disparities, and published sociological analyses as well as anthropological observations of borderland tribal environmental problems and articulation with US EPA programs and policies. Publications from this engagement are included in my personal statement above. More recently I became involved in the graduate education and training program of the U56 Cancer Health

Disparities partnership and the successful award and management of the U54 partnership. By broadening the focus from biomedical to include social science and health sciences through the Micronesian Studies Program we dramatically increased the participation by students in the program. Students contributed theses through the Clinical Psychology, Public Administration, and Micronesian Studies as well as through Environmental Science and Biology. Fifteen Masters degrees will have been awarded from throughout the six year U54 program, and two are now in PhD programs while others are professionals in the public health field in Guam and Micronesia. The following papers were presented as part of the partnership:

- a. Robinett HR, Ames T, Peterson JA, Whippy HJ, Vogel CW. UH Cancer Center Hotline: the training and education program of the University of Guam/University of Hawai'i Cancer Center Partnership. *Hawaii Med J.* 2011 Nov;70(11 Suppl 2):54-5. PubMed PMID: [22235161](#); PubMed Central PMCID: [PMC3254219](#).
 - b. Robinett H, Whippy H, Peterson J, Leon Guerrero R, Underwood R, Palafox NA, Ward DC, Vogel C-W. Cancer Center Partnership: Celebrating 10 Years of Research, Training, Education, and Outreach to Reduce Cancer Health Disparities among Pacific Islanders. 6th AACR Conference on the Science of Cancer Health Disparities, Atlanta, GA, December 2013.
 - a. Cruz P, Ames T, Peterson J. Minority Pacific Islander Cancer Research Training, Student and Faculty Development Program. International Cancer Education Conference, Seattle, WA, September 2013.
 - b. Robinett H, Whippy H, Vogel C, Peterson J. University of Guam/University of Hawaii Cancer Center Partnership: Growing Minority Scientists and Research Capacity through a partnership to Advance Cancer Health Equity. 5th Pacific Global Health Conference; 2012 October.
2. My research in historical ecology includes ethnohistorical and demographic investigations, as I broadly examine landscape archaeology and changing human settlement in the face of environmental limits and opportunities. I have a very active research program in Guam and Micronesia as well as in the Philippines where I contribute as editor of the Philippine Quarterly of Culture and Society and as a researcher associate at the National Museum of the Republic of the Philippines. I currently have actively research projects ongoing in Butuan, the Cagayan Valley, Ifugao Rice Terraces, and throughout Cebu. The major thrust is examining historical Holocene climate change effects and projections of near and mid-scale future scenarios in the region
- a. Hall S, Peterson JA. Floodplain construction of the Rio Grande at El Paso Texas: Response to Holocene climate change. *Quaternary Science Reviews.* 2013;65:102-119.
 - b. Rocha CR, Chianelli RR, Jalandoni A, Ma L. Paleoenvironmental Investigations, chemical analysis and characterization of underwater strata of Marigondon Cave. *Quaternary International.* 5July2014; [doi:10.1016/j.quaint.2014.04.005](#)
 - c. Peterson JA. Did the Little Ice Age contribute to the emergence of rice terrace farming in the Ifugao, Philippines cordillera? *Developments in the Archaeology of the Philippine Cordillera.* 20th Congress of the Indo Pacific Prehistory Association; 2014; Siem Reap, Kingdom of Cambodia.
 - d. Peterson JA. Pacific Islands on the brink of submergence: Rising seas in an age of climate changes. In *Water and Heritage: Material, Conceptual and Spiritual Connections*, Willems WJ, van Schaik H, editors. DH Leiden, Netherlands: Sidestone Press; 2015

Complete List of Published Work in My Bibliography:

<http://www.ncbi.nlm.nih.gov/myncbi/john.peterson.1/bibliography/47620095/public/?sort=date&direction=ascending>

D. Research Support

Ongoing Research Support

NIH/NCI U54-CA- U54CA143728

(PI with Underwood, Leon-Guerrero)

University of Guam/Cancer Research Center of Hawaii Partnership

Program Title: Research Education

The Research Education Program provides faculty mentorship as well as support and training in cancer health disparities research for graduate students with an emphasis on Pacific Islanders, at the UOG and UHCC. Additionally, the program supports curriculum development in cancer health disparities research at UOG.
Role: co-PI and Research Education Lead Investigator 1.6 cal mos

NASA EPSCoR (PI)
NASA EPSCoR Research Infrastructure Development NNX16AJ68A
This grant provides faculty research seed and travel money to promote partnerships with NASA Mission Centers.
Role: PI and Director, UOG NASA EPSCoR SPACEGRANT CENTER 10%

Pacific Island Climate Science Center (PI)
PICSC – USGS G12AC00003
This program provides support for climate science research and outreach, in partnership with UH Manoa and UH Hilo consortium.
Role: PI, UOG affiliate, PICSC 0%

USGS Cooperative Agreement Capacity Building (PI)
USGS CSC program G15AC00122
This agreement provides funding to develop GIS capacity at UOG in support of climate change science and community and regional outreach.
Role: PI

Seagrant (Co-PI)
Seagrant NOAA NA14OAR4170116
This program is an affiliate with the NOAA National Seagrant program and consists of support for cooperative extension outreach, support of ocean and marine science and community activities, and coordination with other ongoing programs such as NSF and NASA EPSCoR.
Role: Co-PI and Executive Director 0%

NSF EPSCoR (Co-PI)
NSF 14-558
This program coordinates marine science, STEM education, workforce development, and Guam Science and Technology activities.
Role: Co-PI and Leader, Research Connected Network. 10%

Completed Research

NIH/NCI U54-CA-143727 (Underwood - PI) 09/01/2009 - 08/31/2015

University of Guam/Cancer Research Center of Hawaii Partnership (2 of 2)

Program Title: *Training and Education Program*

The Partnership's Training and Education Program provides faculty mentorship as well as support and training in cancer health disparities research for graduate students with an emphasis on Pacific Islanders, at the UOG and UHCC. Additionally, the program supports curriculum development in cancer health disparities research at UOG.

Role: Co-Leader

OIA-1251703 NSF Planning Grant EPS (Righetti/Biggs - PI) 10/01/2012-09/30/2015

Title of Project: *National Science Foundation EPSCOR Planning grant*

Goal of grant is to develop the framework for UOG to join NSF as an EPSCOR polity through establishment of a Science and Technology Plan for the Territory, an External Advisory Board to stimulate a coherent research strategy for UOG, to address diversity needs and recruitment for STEM education at UOG, and to promote effective workforce planning for Guam and Micronesia.

Role: Program Leader

NOAA/CSCOR, NA09N0S4260215 (Peterson - PI) 10/01/2010 - 09/30/2014

Western Pacific Coral Reef Institute and Supplement

WPCRI is one of four regional Coral Reef Institutes supported by NOAA to promote research, teaching and outreach regarding the study and preservation of coral reefs and to promote scientifically informed management strategies in the tropical island jurisdictions of the United States. Role: PI

NSF Award 0903128 (Richmond - PI) 09/01/2009 - 08/31/2014

Project Title: *Partnership for Advanced Marine and Environmental Science Training for Pacific Islanders*
STEM and Natural Resource program to support undergraduate education and collaboration with community colleges and College of Micronesia institutions in Micronesia.

Role: Program Leader

J8790100014 (Peterson - PI) 09/01/2011 - 08/31/2013 Project Title:

Hawaii-Pacific Isl. Cooperative Ecosystem Studies Unit: Climate Change Vulnerability Assessments.

This program evaluated the impact of climate change on management of cultural resource sites on the National Park properties of Guam and Saipan.

Role: PI

National Geographic Society Waitt Foundation (Peterson - PI) 12/01/2011 - 12/31/2012

Project Title: *Marigondon Cave Archaeological and Paleoenvironmental Investigations*

Geoarchaeological investigations of a submerged cave that was emergent during late Pleistocene; geochemical characterization and exploration of coral reef platform and subsequent flank margin cave formation; potential use by late Pleistocene fauna and hominid habitation. Role: PI