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EDUCATION

University of Pennsylvania, Anthropology Department, Philadelphia, PA, 1991
PhD Thesis: *Cultural Interaction During the Spanish Colonial Period: El Pueblo de Los Angeles, California*
Macalester College, St. Paul, MN, 1981
B.A. Anthropology and Chemistry

EXPERIENCE

Teaching

2005- Associate Professor, Santa Clara University, Department of Anthropology/Environmental Studies
2006- Chair, Department of Anthropology, Santa Clara University
2006 Acting Director, Environmental Studies Institute, Santa Clara University
1999-2005 Assistant Professor, Santa Clara University, Department of Anthropology and Sociology/Environmental Studies
1994-1999 Visiting Assistant Professor, The College of William and Mary, Anthropology Department

Research

Senior Fulbright Specialist, ICAES, Southeast Asia Environment and Phytoliths, 2004.
Senior Research Fellow, Colonial Williamsburg Foundation, Department of Archaeological Research, 1995-2000:
Landscapes and environmental analysis: Historical human-environmental relationships
Research Associate, The University Museum, Philadelphia, PA, Museum Applied Science Center for Archaeology, Spring 1994-2007: *Phytolith Analysis: Human-environmental interaction*
Research Fellow, Anthropology Department, The Australian Museum, Sydney, Australia, 8-9/1997 & 5-7/1995: *Phytolith Analysis of Lithic Residues, Garua Island, West New Britain, PNG*
Mellon Postdoctoral Fellow, Smithsonian Tropical Research Institute (STRI), Panama, Paleoecology Section, 1991-1993: *Phytolith analysis: Paleo-environments and Rice Agriculture, Central Thailand*

PUBLICATIONS

Kealhofer, L. and Grave, P.
2008 Land Use, Political Complexity and Urbanism in Mainland Southeast Asia. *American Antiquity* 73(2):200-225.
Grave, P., L. Kealhofer, M.-H. Gates, and D.B. Marsh
2008 Using neutron activation analysis to identify scales of interaction at Kinet Höyük, Turkey. *Journal of Archaeological Science* 35: 1974-1992.
Fullagar, R., Field, J. and L. Kealhofer
2008 Grinding Stones and Seeds of Change: Starch and Phytoliths as Evidence of Plant Food Processing. In *New Approaches to Old Stones*, edited by Y. Rowan, pgs. 159-172. David Brown, London.
Barker, G., Barton, H. Bird, M. Daly, P. Datan, I., Dykes, A., Farr, L. Gilbertson, D. Harisson, B., Hunt, C. Higham, T., Kealhofer, L., Krigbaum, J. Lewis, H., McLaren, S., Paz, V. Pike, A., Piper, P., Pyatt, B. Rabett, R. Reynolds, T. Rose, J. Rushworth, G. Stephens, M. Stringer, C., Thompson, J., and C. Turney
2007 The 'human revolution' in lowland tropical Southeast Asia: the antiquity and behavior of anatomically modern humans at Niah Cave (Sarawak, Borneo), *Journal of Human Evolution* 52(3):243-261.
Grave, P. and L. Kealhofer
2006 Investigating Iron Age Trade at Kaman Kalehöyük, Anatolian Archaeological Studies XV, Kaman-Kalehöyük 15, pp. 139-150 Japanese Institute of Anatolian Archaeology, The Middle Eastern Cultural Center in Japan, Tokyo.

Publications, continued

- Pigott, V.C., K. Mudar, A. Agelarakis, L. Kealhofer, S. Weber, and J. Voelker
2006 A Program of Analysis of Organic Remains from Prehistoric Copper-Producing Settlements in the Khao Wong Prachan Valley, Central Thailand: A Progress Report. in *Uncovering Southeast Asia's Past*, edited by E. Bacus, I. Glover, and V.C. Pigott, pp. 154-167, National University of Singapore Press, Singapore.
- Kealhofer, L. (editor)
2005 *The Archaeology of Midas and the Phrygians*. University of Pennsylvania Museum Press, Philadelphia.
- Kealhofer, L.
2005 The Gordion Archaeological Survey. In *The Archaeology of Midas and the Phrygians*, edited by L. Kealhofer, University of Pennsylvania Museum Press, Philadelphia.
- Kealhofer, L.
2005 Introduction. In *The Archaeology of Midas and the Phrygians*, edited by L. Kealhofer, University of Pennsylvania Museum Press, Philadelphia.
- Huang Fei, L. Kealhofer, Xiong Shangfa, Huang Fengbao
2005 Holocene Grassland Vegetation, Climate, and Human Impact in Central Eastern Mongolia. *Science in China, Series D. Earth Sciences* 48(7) : 1025-1039.
- Grave, P., L. Kealhofer, & D.B. Marsh
2005 Ceramic Compositional Analysis and the Phrygian Sanctuary at Dümrek, In *The Archaeology of Midas and the Phrygians*, edited by L. Kealhofer, University of Pennsylvania Museum Press, Philadelphia.
- Penny, D. and L. Kealhofer
2005 Microfossil Evidence of Land Use Intensification in Northern Thailand. *Journal of Archaeological Science*.32: 69-82
- Sullivan, K. and L. Kealhofer
2004 Identifying activity areas in archaeological soils from a colonial Virginia house lot using phytolith analysis and soil chemistry. *Journal of Archaeological Science* 31: 1659-1673.
- White, J.C., D. Penny, L. Kealhofer, & B. Maloney
2004 Vegetation Changes from the Late Pleistocene through the Holocene from three areas of archaeological significance in Thailand. *Quaternary International* 113: 111-132.
- Kealhofer, L.
2003 Looking into the Gap: Land Use and the Tropical Forests of Southern Thailand. *Asian Perspectives* 42(1): 72-95.
- Kealhofer, L.
2002 Changing Perceptions of Risk: The Development of Agro-ecosystems in Southeast Asia, *American Anthropologist*. 104(1): 178-194.
- Sullivan, K. and L. Kealhofer
2001 14 Legare St.: A Phytolith Study of an 18th and 19th c. House and Garden. *Archaeological Contributions* 28 pp. III:1-27. The Charleston Museum, Charleston, South Carolina.
- Kealhofer, L.
2001 Linking Local to Global: An Integrated Archaeology of Capitalism. *Archaeological Dialogues*. 8(2):27-31
- Kealhofer, L. and K. Sullivan
2000 Historic Land Use at the George Washington National Birthplace. Report prepared for the National Park Service by the Colonial Williamsburg Foundation, Department of Archaeological Research.
- Kealhofer, L.
1999 Adding Content to Structure: Landscape Archaeology in the Tidewater, *Old and New Worlds: Historical/Postmedieval Archaeology Papers from the Societies' Joint Conferences at Williamsburg and London 1997 to Mark 30 Years of Work and Achievement*. Edited by G. Egan and R. L. Michel, pp. 378-389. Oxbow, Oxford.
- Kealhofer, L.
1999 Creating Social Identity in the Landscape: Tidewater, Virginia 1600-1750. In *Archaeologies of Landscape* edited by W. Ashmore and B. Knapp, pp. 58-82. Blackwell, Oxford.

Publications, continued

- Grave, P. and L. Kealhofer
1999 Assessing Bioturbation in Archaeological Sediments Using Soil Morphology and Phytolith Analysis. *Journal of Archaeological Science* 26(10): 1239-48.
- Kealhofer, L., R. Torrence, and R. Fullagar
1999 Integrating Phytoliths within Use-wear/Residue Studies of Stone Tools. *Journal of Archaeological Science* 26: 527-546.
- Piperno, D., D.M. Pearsall, R.A. Bentfer, L. Kealhofer, Z.J. Zhao, Q.H. Jiang
1999 Phytolith Morphology. *Science* 283 (5406): 1265-1266. [Letter, Feb 26]
- Kealhofer, L. and D. Piperno
1998 Opal Phytoliths in Southeast Asian Flora. *Smithsonian Contributions to Botany* 88: 1-39.
- Kealhofer, L. and D. Penny
1998 Fourteen Thousand Years of Environmental Change in Northeast Thailand. *Review of Palaeobotany and Palynology*. 103:83-93.
- Kealhofer, L.
1997 Evidence for Cultural Impact on the Environment During the Holocene: Two Phytolith Sequences from the Lopburi Region, Thailand. *South-East Asian Archaeology, 1992 : Proceedings of the Fourth International Conference of the European Association of South-East Asian Archaeologists, Rome, 28th September-4th October 1992*, edited by Roberto Ciarla and Fiorella Rispoli; with the collaboration of Oscar Nalesini, pp. 1-20. Istituto Italiano per l'Africa e l'Oriente, Rome 1997
- Kealhofer, L. and M Graves (eds.)
1996 *Human-Environmental Relationships in Prehistory: Current Research in South and Southeast Asia, Asian Perspectives* 35(2). [dedicated volume]
- Kealhofer, L.
1996 Human Environmental Relationships in Prehistory: An Introduction to Current Research in South and Southeast Asia. *Asian Perspectives* 35(2): 1-15.
- Kealhofer, L.
1996 The Human Environment during the Terminal Pleistocene and Holocene in Northeastern Thailand: Phytolith Evidence from Lake Kumphawapi. *Asian Perspectives* 35(2): 202-238.
- Baker, B. and L. Kealhofer (eds.)
1996 *Bioarchaeology of Native American Adaptation in the Spanish Borderlands*. University Press of Florida, Gainesville.
- Baker, B. and L. Kealhofer
1996 Assessing the Impact of European Contact on Aboriginal Populations, In *Bioarchaeology of Native American Adaptation in the Spanish Borderlands*.
- Kealhofer, L. and B. Baker
1996 Counterpoint to Collapse: Depopulation and Adaptation, In *Bioarchaeology of Native American Adaptation in the Spanish Borderlands*. University Press of Florida, Gainesville.
- Kealhofer, L.
1996 The Evidence for Demographic Collapse in California, In *Bioarchaeology of Native American Adaptation in the Spanish Borderlands*. University Press of Florida, Gainesville.
- Kealhofer, L. and D. Piperno
1996 The Phytolith Record from Khok Phanom Di, Central Thailand, *The Botanical Evidence, Excavation of Khok Phanom Di, Volume 4*. J.B. Thompson (ed), pp. 237-248. Society of Antiquaries, London.
- Gorny, R. L., G. McMahon, S. Paley, and L. Kealhofer
1995 The Alişar Regional Project 1994. *Anatolica* 21: 65-100
- Kealhofer, L. and D. Piperno
1994 Early Agriculture in Southeast Asia: Phytolith Evidence from the Bang Pakong Valley, Thailand, *Antiquity* 68(260): 564-572.

FELLOWSHIPS AND GRANTS

National Science Foundation, *Iron Age Economics in Anatolia*, Co-PI, 2005-2009.

Australian Research Council, *Iron Age Exchange in Anatolia 1200-200 BC: an archaeometric approach* Co-PI, 2005-2009.

National Science Foundation, *Iron Age Economics pilot*, Co-PI, 2004-2005.

National Science Foundation, *Economy and Land Use, The Gordion Regional Survey Project*, 1999-2003.

National Geographic, *Irrigation and Urbanization in Mainland Southeast Asia: a Palaeoenvironmental Study*, Co-PI, 1999-2003.

Wenner Gren, *Irrigation and urbanization in mainland Southeast Asia: an archaeological and palaeoenvironmental study*, Co-PI, 1999-2002.

Australian National Museum, Sydney Australia, *Phytoliths and Lithic Residues, Garua Island, PNG*, 1997.

University of New England, Visiting Fellow, *Saumarez Homestead: Rural Gardens and Land Use*, 1997.

Dumbarton Oaks, *Reconstructing Tucker's Garden: The Use of Environmental Archaeology in Documenting Historic Gardens*, Co-PI, 1997.

American Research Institute in Turkey, *Gordion Regional Survey Planning Project*, 1996.

National Geographic, *Reconstruction of the Palaeoenvironment and Prehistoric Land Use in Thailand (II)*, Co-PI, 1995-1996.

Australian National Museum, Visiting Scholar Fellowship, Sydney, Australia, 1995.

National Geographic, *Reconstruction of the Palaeoenvironment and Prehistoric Land Use in Thailand*, Co-PI, 1993-1994

Smithsonian Tropical Research Institute, Mellon Postdoctoral Fellowship 1991-1993

PROFESSIONAL ACTIVITIES

Archaeology Panel, National Science Foundation, 2007-

President, Santa Clara County Archaeological Society, 2001-2003.

President, Society for Phytolith Research, 1998-1999.

Board Member, Society for Phytolith Research 1999-2001.