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BEN MARWICK

education

Ph.D, Archaeology and Natural History, Australian National University, 2008.

Dissertation: *Stone artefacts and human ecology at two rockshelters in Northwest Thailand*

M.A., Archaeology, University of Western Australia, 2002.

Dissertation: *Inland Pilbara Archaeology: A Study of Variation in Aboriginal Occupation over Time and Space on the Hamersley Plateau*

B.A. (Hons.), First Class, University of Western Australia, 1999.

PhD thesis title

Marwick, B. 2008. *Stone artefacts and human ecology at two rockshelters in Northwest Thailand*. Archaeology and Natural History Department, Australian National University, Canberra

employment

Assistant Professor in Archaeology, University of Washington, 2008–Present.

Consultant Archaeologist, Huonbrook Environment and Heritage, South Australia, 2006–2008.

Research Associate, Society, State and Governance in Melanesia Project and The Pacific Centre, Research School of Pacific and Asian Studies, The Australian National University, 2006–2008.

UW

committees

& other duties

Service within the Anthropology Department

Web site committee, 2010-current

Undergraduate curriculum coordination committee, 2013-current

Sub-faculty appointments committee, 2012-2013

Honours committee, 2012-2013

Honours coordinator, 2009-2010

Self-Sustaining MA Degree Program in Public Anthropology planning committee, 2009-2010

Archaeology Program undergraduate Archaeological Sciences Option coordinator, 2013-present

Archaeology Program teaching schedule coordinator, 2013-present

Archaeology Program graduate Comprehensive Exam coordinator, 2012-present

Archaeology Program Seminar coordinator, 2009-2013

Service elsewhere on campus

Facilitator, Center for Teaching and Learning Faculty and Professional Learning Community 'Engaging Students in Larger Classes', Spring Quarter 2012 and Winter Quarter 2013

Adjunct Curator, Archaeology Department, Burke Museum, 2010-current
 Affiliate faculty, UW IGERT Program in Evolutionary Modeling, 2010-2013
 Affiliate faculty, UW Quaternary Research Center, 2010-current
 Affiliate faculty, UW Center for Statistics and Social Sciences, 2009-current
 Affiliate faculty, UW Center for Southeast Asian Studies, 2009-current
 UW Center for Southeast Asian Studies MA Program admissions committee, 2009-2010

Editorial service

Co-editor (with Peter Lape), Bulletin of the Indo-Pacific Prehistory Association, 2009-2013, Associate Editor, Journal of World Prehistory (2008-present)

Manuscript reviews

Journal of Archaeological Science, Journal of Human Evolution, American Antiquity, Current Anthropology, Journal of Archaeological Research, Australian Archaeology, Archaeology in Oceania, Journal of Geochemical Exploration, National University of Singapore Press, ANU Press, Australian Museum Press, C.N.R.S (National Centre for Scientific Research)

Grant proposal reviews

National Science Foundation (2008, 2009, 2013), UW Royalty Research Fund (2010)

research projects & grants

Louys, J., B. Marwick, J. Stevenson, G. Price. "Super-volcanos and the human evolutionary trajectory: examining the ecological impacts of the Toba eruption on late Pleistocene hominids and fauna." Leakey Foundation (awarded April 2014, TDC USD 12,552)
 Marwick, B. Deutscher Akademischer Austausch Dienst, Research Visit Travel Grant (awarded 2014, sole PI, TDC USD 6,000)
 Marwick, B. "Micromorphology at key archaeological sites at the end of the arc of modern human dispersal", UW Royalty Research Fund, (awarded 2014, sole PI, TDC USD 31,005)
 Marwick, B and S. Kwak. "Long-term chronology of subsistence and the role of intensive rice agriculture in the central part of the prehistoric Korean peninsula", National Science Foundation Doctoral Dissertation Research Improvement Grant, (awarded 2013, PI with graduate student, TDC USD 23,373)
 Roberts, R., Mokhtar Saidin, Ben Marwick, Dong Truong Nguyen, Nigel Spooner, Regina DeWitt, Anatoly Rosenfeld, Zenobia Jacobs, Bo Li, Susanna Guatelli, C. Clarkson, Adam Brumm and Kat Szabó "Out of Asia: unique insights into human evolution and interactions using frontier technologies in archaeological science". Australian Research Council (awarded 2013, TDC AUD 3,182,338)
 Lewis, H. and B. Marwick, University College Dublin Seed Funding. University College Dublin (awarded 2012, Co-PI, TDC EUR 5,200.00)

Marwick, B. Vice Provost's International Faculty Exchange Grant (awarded 2012, PI, TDC USD 3500)

Marwick, B. "Investigating modern human origins and early behavioural complexity in Australia", UW Office of Research Trans-Pacific Early Career Academic Fellowship (awarded 2011, sole PI, TDC USD 13,125)

Marwick, B. UW Office of Global Affairs Herbert H. Gowen International Studies Award (awarded 2011, sole PI, TDC USD 2,500)

O'Connor, S., J. Fenner, J. Stevenson, K. Dobney, B. Marwick, E. St Pierre and G. Larson "The Archaeology of Sulawesi: A Strategic Island for Understanding Modern Human Colonization and Interactions Across our Region", Australian Research Council (awarded 2010, Co-PI, TDC AUD 1,757,919)

Clarkson, C., B. Marwick, L. Wallis, M. Smith and R. Fullgar "Modern Human Origins and Early Behavioural Complexity in Australia and South East Asia", Australian Research Council (awarded 2010). (Co-PI, TDC AUD 1,189,790)

Marwick, B. UW Centre for Statistics in the Social Sciences Undergraduate Research Grant (awarded 2010, sole PI, TDC USD 4,480)

Marwick, B. UW Office of Global Affairs Herbert H. Gowen International Studies Award (awarded 2010, sole PI, TDC USD 5,000)

Marwick, B. UW Centre for Statistics in the Social Sciences Seed Grant (awarded 2009, sole PI, TDC USD 18,347)

Marwick, B. Dorothy Cameron Prize for best archaeological publication at The Australian National University (awarded 2008, AUD 500)

Marwick, B. Postgraduate Research Grant, Australian Institute of Nuclear Science and Technology (awarded 2007, sole PI, TDC AUD 5,000)

professional
awards

Fellow, Technology Teaching Institute, UW Center for Teaching and Learning (awarded 2013, sole PI, TDC USD 7,000)

Post-Doctoral Fellow, ACLS/Luce Foundation (Awarded 2010, sole PI, TDC USD 35,000)

talks &
presentations

Invited scholarly talks

Marwick, B. 2014. "Palaeolithic archaeology in mainland Southeast Asia". Department of Archaeology, University of Yangon, Myanmar. Jan 19, 2014. Invited Presentation.

Marwick, B. 2013. "Research Report on Middle Holocene Research in mainland Southeast Asia". Southeast Asia Archaeology Workshop, University of Hawaii-Manoa, April 2013. Invited Presentation.

Marwick, B. 2013 "The Hoabinhian of Southeast Asia and its relationship to global Pleistocene lithic technologies". International Symposium on the Palaeolithic

- Cultures in Taiwan and Its Surrounding Areas, Academia Sinica, Taitung, Taiwan, 29-31 March 2013. Invited Presentation.
- Marwick, B. 2013 "Pleistocene lithic technologies in Mainland Southeast Asia: How does the Hoabinhian fit in?" International Conference on Recent Advances in the Archaeology of East and Southeast Asia. University of Wisconsin-Madison, Wisconsin, USA, March 15-16, 2013. Invited Presentation.
- Marwick, B. 2012 "Cultural Phylogenetics of Religion using Thai and Lao Bronze Buddha Statues". Department of Archaeology, University College Dublin, Ireland. Nov 22, 2012. Invited Presentation.
- Marwick, B. 2009 "Pleistocene Exchange Networks as Evidence of Language Evolution". UBC/SFU Human Evolution, Culture and Cognition seminar series, UBC, Vancouver, Canada. Invited presentation

Contributed scholarly talks & presentations (since 2008)

- Marwick, B. and Maloney, T. 2014 "[Elliptical Fourier Analysis Unravels a Palimpsest of Point Technology in the Kimberley, Western Australia](#)". Peer-reviewed presentation at the Society of American Archaeology conference, Apr 2014, Austin.
- Kretzler, I. and B. Marwick 2014 "[Understanding Archaeological History Through Textual Macroanalysis: The Role of Feminism in Gender Research](#)". Peer-reviewed presentation at the Society of American Archaeology conference, Apr 2014, Austin.
- Sonethongkham, S. and B. Marwick 2014 "Variation in cores excavated from four rockshelter sites in Luang Prabang Province, Lao PDR". Peer-reviewed presentation at the Indo-Pacific Prehistory Association conference, Jan 2014, Siam Reap.
- Marwick, B. and S. Sonethongkham 2014 "Patterns in Holocene flaked artefact technology from excavations in Luang Prabang Province, Lao PDR". Peer-reviewed presentation at the Indo-Pacific Prehistory Association conference, Jan 2014, Siam Reap.
- Marwick, B. C. Clarkson, S. O'Connor and S. Collins 2014 "Pleistocene lithic technology from East Timor: remarkable long term stability in technological behaviours". Peer-reviewed presentation at the Indo-Pacific Prehistory Association conference, Jan 2014, Siam Reap.
- Hayes, E., R. Fullagar, C. Clarkson, M. Smith and B. Marwick 2014 "Pleistocene evidence for seed grinding in Australia". Peer-reviewed presentation at the Indo-Pacific Prehistory Association conference, Jan 2014, Siam Reap.
- Clarkson, C., M. Smith, B. Marwick, R. Fullagar, T. Manne, K. Lowe, X. Carah, A. Florin, A. Fairbairn, C. Pardoe and L. Wallis 2014 "Excavations at Malaku-

- nanja II, northern Australia”, Peer-reviewed presentation at the Indo-Pacific Prehistory Association conference, Jan 2014, Siam Reap.
- Clarkson, C., M. Smith, R. Fullagar, B. Marwick, T. Manne, L. Wallis, Z. Jacobs, R. Roberts, K. Lowe, A. Florin, X. Carah, C. Pardoe and E. Hayes 2013 “Report on new research at Madgedbebe (Malakunanja II)” . Peer-reviewed presentation at the Australian Archaeological Association Annual Conference, Dec 2013, Coff’s Harbour.
- Wallis, L., C. Pardoe, T. Manne, K. M. Lowe, J. Matthews, C. Clarkson, B. Marwick, R. Fullagar and M. Smith 2013 “Much more than just an old site: Human remains from the 2012 excavations at Madjedbebe, western Arnhem Land, Australia”. Peer-reviewed presentation at the Australian Archaeological Association Annual Conference, Dec 2013, Coff’s Harbour.
- Lowe, K. L. A. Wallis, C. Pardoe, B. Marwick C. Clarkson, T. Manne, M. Smith and R. Fullagar. 2013 “Ground-penetrating radar, GIS and burial practices in western Arnhem Land, Australia”. Peer-reviewed presentation at the Australian Archaeological Association Annual Conference, Dec 2013, Coff’s Harbour.
- Hayes, E. R. Fullagar, C. Clarkson, B. Marwick, M. Smith, L. Wallis and T. Manne, 2013 “Pleistocene evidence for seed grinding in Australia”. Peer-reviewed presentation at the Australian Archaeological Association Annual Conference, Dec 2013, Coff’s Harbour.
- Florin, A., C. Clarkson, A. Fairbairn, R. Fullagar, B. Marwick, L. Wallis, X. Carah, T. Manne and M. Smith. 2013 “Archaeobotanical investigations into plant food use at Madjedbebe (Malakunanja II)”. Peer-reviewed presentation at the Australian Archaeological Association Annual Conference, Dec 2013, Coff’s Harbour.
- Marwick, B. E. Hayes and C. Clarkson 2013 “Movement of lithics by trampling: An experiment in the Malakunanja II sediments”. Peer-reviewed poster at the Society of American Archaeology Annual Meeting, April 3-7, Honolulu, Hawaii. 2013
- Macy, K., B. Marwick, B. S. Hanyu, C. Conrad and A. Mackay 2013 “Where did the dirt come from? Geochemical sediment tracing at Klipfonteinrand rockshelter, western South Africa”. Peer-reviewed poster at the Society of American Archaeology Annual Meeting, April 3-7, Honolulu, Hawaii. 2013
- Bulbeck, D., B. Marwick, S. O’Connor, F. Aziz, A. Calo, J. Fenner, B. Hakim, A. Oktaviana and E. St Pierre 2013 “Archaeology of Lake Towuti: Survey and Excavation in South Sulawesi”. Peer-reviewed poster at the Society of American Archaeology Annual Meeting, April 3-7, Honolulu, Hawaii. 2013
- Marwick, B., P. Hiscock, P. Hughes and M. Sullivan. 2013 “The use of mobile Geographic Information Systems for intensive archaeological survey in arid north-eastern South Australia”. Peer-reviewed presentation at the Computer Appli-

- cations and Quantitative Methods in Archaeology Conference, University of Western Australia, Perth, Australia, March 18-21, 2013
- Marwick, B. "How archaeologists explain (and how they ought to): Theory and practice of explanation in Australian archaeology". Peer-reviewed presentation at the Australian Archaeological Association, Wollongong, Australia, Dec 2012.
- Marwick, B, Anna Cohen, S. Kwak, K. Macy and A. Cowan 2011 "Geoarchaeology of Iron Age ceramics at Tham Sua Cave, Northern Lao PDR". Peer-reviewed poster at the Society of American Archaeology Annual Meeting, Sacramento, CA.
- Marwick, B, T. Field, J. Martinez, P. Przystupa, K. Abbott, K. Macy, L. Minchik, P. Hughes and M. Sullivan 2010. "Landscape archaeology in arid northeast South Australia: Preliminary investigations into relationships between site distributions, surface geology, water sources and wind patterns". Peer-reviewed poster at the Australian Association of Archaeology Annual Conference, Bate-man's Bay, New South Wales.
- Marwick, B, S. O'Connor and S. Collins 2010. "Pleistocene-aged stone artefacts from Jerimalai, East Timor: Early modern human technology in island Southeast Asia". Peer-reviewed presentation at the 13th International Conference of the European Association of Southeast Asian Archaeologists (EurASEAA), Berlin, Germany.
- Marwick, B and Vanpheng Keopanna 2010. "A pilot study of Geometric morphometric analysis of bronze Buddha craft traditions in the Lao PDR". Peer-reviewed presentation at the 13th International Conference of the European Association of Southeast Asian Archaeologists (EurASEAA), Berlin, Germany.
- Marwick, B, 2010. "Do Model-based explanations suit archaeology better than Inference to the Best Explanation?" Peer-reviewed presentation at the Society of American Archaeology Annual Meeting, St Louis, MO.
- Marwick, B, Ariel Auerbach and A. Cowan 2009. "Geoarchaeology at Tham Sua Cave, Luang Prabang Province, Lao PDR". Peer-reviewed presentation at the Indo-Pacific Prehistory Association Congress, Hanoi, Vietnam.
- Brockwell, S., B. Marwick, P. Bourke, P. Faulkner, R. Willan 2009. "Climate change records from North Australian cultural midden deposits: evidence from a pilot study of oxygen isotopes in mollusc shells". Peer-reviewed presentation at the Australian Archaeological Association Annual Conference, Flinders University, Adelaide, South Australia.
- Brockwell, S., P. Bourke, P. Faulkner, B. Marwick, B. Meehan. 2008. "Climate Change and Behavioural Variability in Coastal Northern Australia". Peer-reviewed presentation at the World Archaeological Congress, Dublin, Jul 2008.
- Marwick, B. P. Hughes, P. Hiscock, M. Sullivan, O. Macgregor 2008. "Mobile Geographic Information Systems for Large-scale Intensive Archaeological Survey

of Stone Artefact Scatters in Arid Australia". Peer-reviewed presentation at the Australian Archaeological Association Annual Conference, Noosa Dec 3-6 2008

Marwick, B. 2008. "Measuring pre-processing in unretouched flaked stone artefact assemblages". Peer-reviewed presentation at the Australian Archaeological Association Annual Conference, Noosa Dec 3-6, Australia

Marwick, B. 2008. "Hoabinhian flaked stone artefact palaeoeconomics and palaeoecology". Peer-reviewed presentation at the Society of American Archaeology, Vancouver, March 2008, Canada

Marwick, B. 2008. "Ceramics of the three tributaries Luang Prabang, Lao PDR". Peer-reviewed presentation at the Society of American Archaeology, Vancouver, March 2008, Canada

Invited scholarly talks & presentations within UW

Marwick, B. 2014. "[Reproducible Research: A View from the Social Sciences](#)". UW eScience Institute, 9 Apr 2014. Invited presentation.

Marwick, B. 2014. "[Reproducible Research: A Primer for the Social Sciences](#)". UW Center for Statistics and the Social Sciences, 12 Mar 2014. Invited presentation.

Marwick, B. and I Kretzler 2014. "[Text mining JSTOR: Quantitative approaches toward histories of science](#)". Poster presented to the UW eScience Institute Data Science Event, 7 Feb Oct 2014. Contributed presentation.

Marwick, B. 2014. "Computational methods for the analysis of unstructured text". UW Department of Linguistics Computational Linguistics Group, 4 Feb 2014. Invited presentation.

Marwick, B. "Pleistocene language evolution and raw material transfers". UW Linguistics Department. 22 Nov 2013. Invited colloquium

Marwick, B. 2013. "Mobile GIS for intensive archaeological survey of Holocene forager sites in arid South Australia". GIS Day Lightning Talk, for the UW Geography Department 20 Nov 2013. Invited presentation.

Marwick, B. 2012 "Cultural Phylogenetics of Religion using Thai Bronze Buddha Statues". UW Centre for Statistics and Social Sciences, 4 April 2012. Invited presentation.

Invited talks on teaching and learning within UW

Marwick, B. and I Kretzler 2013. "How to get students to read a lot. Distant reading in an archaeological theory seminar". Ignite presentation for the UW Center for Teaching and Learning eText workshop 24 Oct 2013 Invited presentation.

- Marwick, B. 2013. "Engaging large classes with technology, especially Canvas." Workshop presentation for the UW-IT Academic Services and the Center for Teaching and Learning, 7 Mar 2013. Invited presentation.
- Marwick, B. 2012. "Engaging large classes with technology, especially Canvas." Presentation for the UW Center for Teaching and Learning's Large Class Colloquium, 29 Aug 2012. Invited presentation.