

Katarina Almeida-Warren

University of Oxford

Primate Models for Behavioural Evolution Lab
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<https://primobevolab.web.ox.ac.uk/lab-members>



Primate
Models for
Behavioural
Evolution
LAB



Research interests: primate archaeology, primate technology and culture, primate ecology, human origins, conservation, and heritage

Current Affiliations

- 2022~** **Leverhulme Early Career Fellow** – School of Anthropology and Museum Ethnography, University of Oxford
- 2022~** **Associated Researcher** – Interdisciplinary Center for Archaeology and Evolution of Human Behavior (ICArEHB), University of Algarve, Portugal
- 2020~** **IUCN SSC PSG SGA Working Group for Chimpanzee Cultures**
(<https://www.iucngreatapes.org/working-groups>)

Education

- 2016-2022** **DPhil Anthropology, University of Oxford**
Thesis: The archaeology of chimpanzee technology: Ecological perspectives on strategies of early hominin raw material acquisition and the formation of technological landscapes
Supervisor: Prof. Susana Carvalho
- 2014-2015** **MSc Human Evolution and Behaviour, UCL** (Distinction)
Dissertation: Thinking about a snack: Raw material procurement strategies in wild chimpanzee (*Pan troglodytes schweifurthii*) termite fishing
Supervisor: Prof. Volker Sommer
- 2010-2013** **BSc Archaeological Sciences, University of Sheffield** (1st Class Hons.)
Dissertation: Neanderthal Cognition – A study of the relationship between visual cortex size and increased cranial capacity
Supervisors: Dr. Pia Nystrom, Dr. Kevin Kuykendall

Scholarships, Grants and Awards

- 2022** **Leverhulme Early Career Fellowship** – Leverhulme Trust
- 2019** **The Boise Trust Fund Research Award** – University of Oxford
- 2019** **Paleomeetings Conference Travel Grant** – Paleoanthropological Society, USA
- 2018** **National Geographic Early Careers Grant** – National Geographic Society
- 2017** **Foundation for Science and Technology Ph.D. scholarship** – FCT, Portugal

- 2016/2017** **The Boise Trust Fund Research Award** – University of Oxford
- 2015** **Dean’s List for Academic Excellence** – UCL, Faculty of Social and Historical Sciences
- 2014** **Daryll Forde Studentship** – UCL, Department of Anthropology
- 2013** **Kay Harvey Prize in Archaeological Science** – University of Sheffield, Department of Archaeology
- 2013** **Emily Willey Prize in Archaeology and Prehistory** – University of Sheffield, Department of Archaeology
- 2013** **Prehistoric Society Undergraduate Dissertation Prize (Runner-Up)**
- 2012** **European Archaeology Skills Exchange Funded Placements (EASE)** – Grampus Heritage

Publications

- [6] **Almeida-Warren, K.**, Matsuzawa, T., Carvalho, S. (2022) Landscaping the behavioural ecology of primate stone tool use. *International Journal of Primatology* 43: 885-912. <https://doi.org/10.1007/s10764-022-00305-y>
- [5] Carvalho, S., Erin, W., Abwe, E. **Almeida-Warren, K.**, et al. (2022) Using non-human culture in conservation requires careful and concerted action. *Conservation Letters*. e12860. <https://doi.org/10.1111/conl.12860>
- [4] Pascual-Garrido, A., **Almeida-Warren, K.** (2021) Archaeology of the perishable: Ecological constraints and cultural variants in chimpanzee termite-fishing. *Current Anthropology* 62(3): 333-362. <https://doi.org/10.1086/713766>
- [3] **Almeida-Warren, K.**, Braun, D. R., Carvalho, S. (2021) The DistoX2: A methodological solution to archaeological mapping in poorly accessible environments. *Journal of Archaeological Science: Reports* 35:102688. <https://doi.org/10.1016/j.jasrep.2020.102688>
- [2] Carvalho, S., **Almeida-Warren, K.** (2019) Primate Archaeology. Encyclopaedia of Animal Behaviour, 2nd Ed. Academic Press. <https://doi.org/10.1016/B978-0-12-809633-8.90156-0>
- [1] **Almeida-Warren, K.**, Sommer, V., Piel, A. and Pascual-Garrido, A. (2017) Raw material procurement for termite fishing tools by wild chimpanzees in the Issa valley, western Tanzania. *American Journal of Physical Anthropology* 164:292-304. <https://doi.org/10.1002/ajpa.23269>

Invited Talks

- [4] **Almeida-Warren, K.** (2022) Landscaping the behavioural ecology of chimpanzee technology: perspectives from archaeology and agent-based modelling. ICAREHB Internal Seminar. ICAREHB, Universidade do Algarve, Portugal
- [3] **Almeida-Warren, K.** (2022) An agent-based model for exploring the landscape ecology of chimpanzee technology. Oxford agent-based modelling discussion group, CoHESyS, University of Oxford
- [2] **Almeida-Warren, K.**, Carvalho, S. (2019) Primate technology in context: examining the broader ecological and foraging landscapes. Wenner-Gren Foundation Workshop: Primate adaptations to complex environments and implications for early human evolution. Gorongosa National Park, Mozambique

- [1] **Almeida-Warren, K.** (2017) Ephemeral Technology: The archaeology of termite fishing. Evolutionary Anthropology Seminar Series, Department of Archaeology, Classics and Egyptology, University of Liverpool

Academic Presentations

- [11] **Almeida-Warren, K.**, Braun, D. R., Carvalho, S. (2020) Disto X2: a methodological solution to the challenges of spatial mapping in Primate Archaeology. Poster. PRIMARCH Workshop: new methodologies in primate archaeology, Tübingen, Germany. 27-28 February 2020
- [10] Pascual-Garrido, A., **Almeida-Warren, K.** (2019) Living archaeology: Revealing plant technology in wild chimpanzees. Podium presentation. Meetings of the European Society for Human Evolution, Liège, Belgium
- [9] **Almeida-Warren, K.**, Matsuzawa, T., Carvalho, S. (2019) A Home Range approach to the ecology of site selection in wild chimpanzee nut-cracking. Podium presentation. European Federation of Primatology/Primate Society of Great Britain Meeting, Oxford, UK
- [8] Phillips, C., **Almeida-Warren, K.**, Yamakoshi, G., Bamford, M. (2019) Cracking the Puzzle: Reconstructing Nut-Cracking Sites of Western Chimpanzees Using Phytolith Analyses. Podium presentation. European Federation of Primatology/Primate Society of Great Britain Meeting, Oxford, UK
- [7] **Almeida-Warren, K.**, Braun, D. R., Matsuzawa, T., Carvalho, S. (2019) Landscaping chimpanzee and early hominin tool-use and resource exploitation – an ecological approach. Podium presentation. Annual Meetings of the Paleoanthropological Society, Albuquerque, USA
- [6] Costa, C., Braun, D., Matsuzawa, T., Carvalho, S., **Almeida-Warren, K.** (2019) Water sources and tool site distributions: hominins and chimpanzees compared. Poster Session. Annual Meeting of the Paleoanthropology Society, April 9-10, Albuquerque, NM.
- [5] **Almeida-Warren, K.**, Braun, D. R., Matsuzawa, T., Carvalho, S. (2018) Mapping primate archaeology: new tools for standardizing spatial data collection across the primate order. Poster session. XXVII International Primatological Society Congress, Nairobi, Kenya
- [4] **Almeida-Warren, K.**, Braun, D. R., Regala, F. T., Curley, A., Matsuzawa, T., Carvalho, S. (2018) The ecology of chimpanzee technology: new approaches for modelling early hominin ranging patterns and resource exploitation. Podium presentation. XXVII International Primatological Society Congress, Nairobi, Kenya
- [3] **Almeida-Warren, K.** (2016) Thinking about a snack: How wild chimpanzees obtain raw materials for termite fishing tools. Inaugural MRC Research Conference, Magdalen College
- [2] Pascual-Garrido, A., Sommer, V., and **Almeida-Warren, K.** (2016) Raw material procurement for termite fishing tools in wild chimpanzees. 'Chimpanzees in Context' Symposium. *PeerJ Preprints* 4:e1844v1 <https://doi.org/10.7287/peerj.preprints.1844v1>
- [1] **Almeida-Warren, K.** and Pascual-Garrido, A. (2015) Raw material procurement for termite fishing tools in wild chimpanzees. Poster Session. 10th TAWIRI Scientific Conference. Arusha, Tanzania

Leadership, Outreach and Media

- 2020** **World Chimpanzee Day video series collaborator** – script writing, media contributions and narration (Video 4 – Local Researchers; Video 5 – Chimpanzee Technology). Full series on YouTube: [World Chimpanzee Day - 14 July 2020](#)

- 2020** **Associate producer** – Mam, K. & Kormos, R. (2020) Cries of Our Ancestors. Documentary premiered at the DC Environmental Film Festival. March 12-22, 2020. <https://dceff.org/film/cries-of-our-ancestors/>
- 2019** **Symposium co-organiser** – Primate archaeology: developments of a new research field. EFP/PSGB Conference
- 2019** **EFP/PSGB Conference Organising Committee** – e-mail correspondence, processing and proof-reading abstracts, logistic support
- 2019** **Presentation and outreach for Human Sciences** – Undiscovered Subjects Taster Day, The Godolphin and Latymer School, London. January 25, 2019
- 2016-2020** **Seminar co-organiser** – Primate Conversations Seminar Series, Primate Models for Behavioural Evolution Lab

Work Experience

- 2020~** **Guest tutor in Principles of Evolution and Behaviour** – MSc Cognitive and Evolutionary Anthropology, Institute of Human Sciences, University of Oxford
- 2017~** **Academic tutor in Human Evolution** – BSc Human Sciences, Institute of Human Sciences, University of Oxford
- 2017~** **Reviewer** – Nature Scientific Reports (2017~), Evolutionary Anthropology (2019~), International Journal of Primatology (2020~), Humanities and Social Sciences Communications (2021~)
- 2013-2014** **3D-scanning laboratory intern** – African Fossils Project, Kenya (www.africanfossils.org)
- 2013-2014** **Teaching assistant for the Human Origins Programme** – Turkana Basin Institute Field School, Kenya
- 2013** **Archaeobotany laboratory assistant** – Department of Archaeology, University of Sheffield

Primatological Fieldwork

- 2017-2018** **Guinea, Bossou** – PhD Research in association with Kyoto University Primatology Institute (KUPRI) and Institut de Recherche Environnemental de Bossou (IREB)
- 2015** **Tanzania, Ugalla Region, Issa valley** – MSc Dissertation research: Investigating raw material procurement strategies in chimpanzee termite fishing; Research assistant to Dr. Alejandra Pascual-Garrido: Mapping of chimpanzee termite fishing tools
- 2015** **Tanzania, Gombe National Park** – MSc Dissertation research: Investigating raw material procurement strategies in chimpanzee termite fishing

Archaeological Fieldwork

- 2019** **Oxford-Gorongosa Paleo-Primate Field School, Mozambique** – Field school and excavation assistant
- 2017-2018** **Kenya, East Turkana** – PhD research in association with the Koobi Fora Field School (George Washington University) and the National Museums of Kenya

- 2013** **Italy, Tuscany** – Alberese Archaeological Project: Roman river port
- 2012** **Germany, Sachsen-Anhalt, Mammendorf** – European Archaeology Skills Exchange Funded Placements (EASE): Late Neolithic/Early Iron Age recovery excavation
- 2011** **Sheffield, Manor Lodge** – University of Sheffield field school: Medieval/Early industrial
- 2010** **Israel, Tiberias** – Hebrew University of Jerusalem field school: Late Roman/Early Islamic
- 2008** **UK, Oxford, Marcham-Frilford** – Vale and Ridgeway Project, Oxford University field school: Late Iron Age/Early Roman
- 2008** **UK, Northumberland, Dilston Castle** – North Pennines Archaeology Ltd. field school: Late Medieval/Jacobean/Early Modern
- 2006/2007** **Portugal, Condeixa, Rabaçal** – Coimbra University research excavation: Roman villa
- 2006/2007** **Portugal, Braga** – Braga University research and training excavation: Roman theatre