

Teresa Eleanor Steele

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Education

2002 Ph.D. in Anthropology, Stanford University
1998 A.M. in Anthropology (Human Biocultural Evolution), Stanford University
1996 B.S. summa cum Laude in Anthropology & Human Biology, Emory University

Research Interests

Paleoanthropology and zooarchaeology. The emergence of fully modern humans, particularly the origins of modern human cultural abilities and the relationship between changes in technology, subsistence and demography. Evolution of human subsistence behavior, including the importance of marine resources. Western Europe (France), Northern Africa (Morocco), Southern Africa (South Africa).

Academic Positions

University of California - Davis
2018-present Professor, Department of Anthropology
2012-2018 Associate Professor, Department of Anthropology
2006-2012 Assistant Professor, Department of Anthropology
Max Planck Institute for Evolutionary Anthropology
2006-present Associate Researcher, Department of Human Evolution
2004-2006 Post-doctoral Fellow, Department of Human Evolution
University of Wisconsin-Madison
2004 Associate Lecturer, Department of Anthropology
2003-2004 Honorary Fellow, Departments of Anthropology and Zoology
Stanford University
2003 Post-doctoral Fellow, Department of Biological Sciences
2002, 2003 Lecturer, Department of Anthropological Sciences
2002 Teaching Assistant Supervisor, Program in Human Biology

Honors and Awards

2014-2019 University of California, Davis Chancellor's Fellow (includes \$25,000)
Winter 2017 Faculty Development Award (includes \$1,000 and a course buy-out)
2011 Phi Beta Kappa Northern California Association's Excellence in Teaching Award

Grants - External

2016 National Science Foundation SBE-BCS-Archaeology. REU supplement, \$10,350
2013 National Science Foundation SBE-BCS-Archaeology. P.I. TE Steele with J Orton and A Mackay. "Varsche Rivier 003: a new Middle Stone Age site (Namaqualand, South Africa)", \$150,078
2013 Leakey Foundation. P.I. TE Steele with J Orton and A Mackay. "Varsche Rivier 003: A new Middle Stone Age site (Namaqualand, South Africa)", \$20,000

- 2011 Leakey Foundation. P.I. TE Steele with J Orton, A Mackay and S Schwartz. "Excavation of Varsche River 3, a new Middle Stone Age site in Namaqualand, South Africa", \$21,000
- 2009-2010 National Science Foundation SBE-BCS-Archaeology-High-Risk Grant. P.I. TE Steele with J Orton, A Mackay and S Schwartz. "Exploration of Middle Stone Age archaeology in Namaqualand, South Africa ", \$29,907
- 2005-2010 National Science Foundation SBE-BCS-Archaeology. P.I. RG Klein with G Avery, K Butzer, D Halket, Z Jacobs, J Parkington, T Steele, T Volman and R Yates. "Large-Scale Excavations at the Ysterfontein I Middle Stone Age Rockshelter, Western Cape Province, South Africa", \$158,190
- 2005 L.S.B. Leakey Foundation. T Steele and T Volman. "Continuing Excavations at the Ysterfontein I Middle Stone Age Rockshelter, Western Cape Province, South Africa", \$15,000
- 2004 L.S.B. Leakey Foundation. T Volman and T Steele. "Ecological variation during the Middle Stone Age of South Africa", \$11,650
- 2003 L.S.B. Leakey Foundation. P.I. R Klein with D Halkett and T Steele. "The Ecology of Middle Stone Age People on the West Coast of South Africa", \$18,250
- 1999 L.S.B. Leakey Foundation. T Steele. "Variability in Exploitation of Red Deer (*Cervus elaphus*) during the Middle and Late Pleistocene", \$8,931

Grants - Internal

- 2018 UC Davis Research Travel Grant, \$800
- 2017 UC Davis Research Travel Grant, \$800
- 2016 UC Davis Research Travel Grant, \$800
- 2015 UC Davis Small Grant in Aid of Research, \$2,000
- 2014 UC Davis Research Travel Grant, \$800
- 2014 UC Davis Small Grant in Aid of Research, \$2,000
- 2013 UC Davis Small Grant in Aid of Research, \$2,000
- 2012 UC Davis Small Grant in Aid of Research, \$2,000
- 2012 UC Davis Research Travel Grant, \$800
- 2011 UC Davis Undergraduate Instructional Enhancement Program (with TD Weaver), \$9,051
- 2011 UC Davis Small Grant in Aid of Research, \$2,000
- 2011 UC Davis Research Travel Grant, \$800
- 2010 UC Davis Small Grant in Aid of Research, \$1,800
- 2010 UC Davis Research Travel Grant, \$800
- 2009 UC Davis Small Grant in Aid of Research, \$2,000
- 2009 UC Davis Research Travel Grant, \$800
- 2008 UC Davis IGA Junior Faculty Research Grant, \$4,600
- 2008 UC Davis Small Grant in Aid of Research, \$2,000
- 2008 UC Davis Research Travel Grant, \$800
- 2000 Stanford University Andrew W. Mellon Foundation, Dissertation Write-up Grant
- 1999 Stanford University Andrew W. Mellon Foundation Bridge Grant
- 1997 Stanford University Summer Research Grant

Journal Articles

43. Steele TE, E Álvarez-Fernández and E Hallett-Desguez. 2019. A review of shells as personal ornamentation during the African Middle Stone Age. *PaleoAnthropology* 2019: 24-51.

42. Smith GM, K Ruebens, S Gaudzinski-Windheuser and TE Steele. 2019. Subsistence strategies throughout the African Middle Pleistocene: Faunal evidence for behavioral change and continuity across the Earlier to Middle Stone Age transition. *Journal of Human Evolution* 127:1-20.
41. Henn BM, TE Steele and TD Weaver. 2018. Clarifying distinct models of modern human origins in Africa. *Current Opinion in Genetics & Development* 53:148-156.
40. Martisius NL, I Sidera, MN Grote, TE Steele, SP McPherron and E Schulz-Kornas. 2018. Time wears on: Assessing how bone wears using 3D surface texture analysis. *PLoS One* 13:e0206078.
39. Richter D, R Grün, R Joannes-Boyau, TE Steele, F Amani, M Rué, P Fernandes, J-P Raynal, D Geraads, A Ben-Ncer, J-J Hublin and SP McPherron. 2017. The age of the hominin fossils from Jebel Irhoud, Morocco, and the origins of the Middle Stone Age. *Nature* 546:293-296.
38. Collins B and TE Steele. 2017. An often overlooked resource: Ostrich (*Struthio* spp.) eggshell in the archaeological record. *Journal of Archaeological Science: Reports* 13:121-131.
37. Frouin M, G Guérin, C Lahaye, N Mercier, S Huot, V Aldeias, L Bruxelles, L Chiotti, HL Dibble, P Goldberg, S Madelaine, SJP McPherron, D Sandgathe, TE Steele and A Turq. 2017. New luminescence dating results based on polymineral fine grains from the Middle and Upper Palaeolithic site of La Ferrassie (Dordogne, SW France). *Quaternary Geochronology* 39: 131-141.
36. Steele TE, A Mackay, KE Fitzsimmons, M Igreja, B Marwick, J Orton, S Schwartz and MC Stahlschmidt. 2016. Varsche Rivier 003: A Middle and Later Stone Age site with Still Bay and Howiesons Poort assemblages in southern Namaqualand, South Africa. *PaleoAnthropology* 2016: 100-163.
35. Doerschner N, KE Fitzsimmons, P Ditchfield, SJ McLaren, TE Steele, C Zielhofer, SP McPherron, A Bouzouggar and J-J Hublin. 2016. A new chronology for Rhafas, northeast Morocco, spanning the North African Middle Stone Age through to the Neolithic. *PLoS ONE* 11:e0162280.
34. Mackay A, Z Jacobs and TE Steele. 2015. Pleistocene archaeology and chronology of Putslaagte 8 (PL8) rockshelter, Western Cape, South Africa. *Journal of African Archaeology* 13:71-98.
33. Steele TE. 2015. The contributions of animal bones from archaeological sites: the past and future of zooarchaeology. *Journal of Archaeological Science* 56:168-176.
32. Guérin G, M Frouin, S Talamo, V Aldeias, L Bruxelles, L Chiotti, HL Dibble, P Goldberg, J-J Hublin, M Jain, C Lahaye, S Madelaine, B Maureille, SJP McPherron, N Mercier, AS Murray, D Sandgathe, TE Steele, KJ Thomsen and A Turq. 2015. A multi-method luminescence dating of the Palaeolithic sequence of La Ferrassie based on new excavations adjacent to the La Ferrassie 1 and 2 skeletons. *Journal of Archaeological Science* 58:147-166.
31. Dibble HL, V Aldeias, P Goldberg, SP McPherron, D Sandgathe and TE Steele. 2015. A critical look at evidence from La Chapelle-aux-Saints supporting an intentional Neandertal burial. *Journal of Archaeological Science* 53:649-657.
30. Soressi M, SP McPherron, M Lenoir, T Dogandzic, P Goldberg, Z Jacobs, Y Maigrot, NL Martisius, CE Miller, W Rendu, M Richards, MM Skinner, TE Steele, S Talamo and J-P Texier. 2013. Neandertals made the first specialized bone tools in Europe. *Proceedings of the National Academy of Sciences of the USA* 110:14186-14190.
29. Klein RG and TE Steele. 2013. Archaeological shellfish size and later human evolution. *Proceedings of the National Academy of Sciences of the USA* 110:10910-10915.

28. Orton J, P Mitchell, RG Klein, TE Steele and KA Horsburg. 2013. Early date for cattle from Namaqualand, South Africa: implications for the origins of herding in southern Africa. *Antiquity* 87:108-120.
27. Steele TE and RG Klein. 2013. The Middle and Later Stone Age Faunal Remains from Diepkloof Rock Shelter, Western Cape, South Africa. *Journal of Archaeological Science* 40:3453-3462.
26. Dibble HL, V Aldeias, Z Jacobs, DI Olszewski, Z Rezek, SC Lin, E Alvarez-Fernández, C Barshay-Szmidt, E Hallett-Desguez, D Reed, K Reed, D Richter, TE Steele, A Skinner, B Blackwell, E Doronicheva and M El-Hajraoui. 2013. On the Industrial Attributions of the Aterian and Mousterian of the Maghreb. *Journal of Human Evolution* 64:194-210.
25. Dibble HA, V Aldeias, E Alvarez-Fernández, BA Blackwell, E Hallett-Desguez, Z Jacobs, P Goldberg, SC Lin, A Morala, MC Meyer, DI Olszewski, K Reed, D Reed, Z Rezek, D Richter, RG Roberts, D Sandgathe, U Schurmans, AR Skinner, TE Steele and M El-Hajraoui. 2012. New Excavations at the Site of Contrebandiers Cave, Morocco. *PaleoAnthropology* 2012:145-201.
24. Niven LB, TE Steele, W Rendu, J-B Mallye, S McPherron, M Soressi, J Jaubert and J-J Hublin. 2012. Neandertal mobility and large-game hunting: The exploitation of reindeer during the Quina Mousterian at Chez-Pinaud Jonzac (Charente-Maritime, France). *Journal of Human Evolution* 63:624-635.
23. Steele TE and TD Weaver. 2012. Refining the Quadratic Crown Height Method of age estimation: do elk teeth wear quadratically with age? *Journal of Archaeological Science* 39:2329-2334.
22. Steele TE, A Mackay, J Orton and S Schwartz. 2012. Varsche Rivier 003, a new Middle Stone Age site in southern Namaqualand, South Africa. *South African Archaeological Bulletin* 67:108-119.
21. Edwards GL and TE Steele. 2011. Suid bone marrow yields and how they may influence resource choice. *Journal of Taphonomy* 9:163-179.
20. Orton J, A Mackay, S Schwartz and TE Steele. 2011. Two Holocene rock shelter deposits from the Knersvlakte, southern Namaqualand, South Africa. *Southern African Humanities* 23:109-150.
19. Weaver TD, RH Boyko and TE Steele. 2011. Cross-platform program for likelihood-based comparisons of mortality profiles on a triangular graph. *Journal of Archaeological Science* 38:2420-2423.
18. Britton K, V Grimes, L Niven, TE Steele, S McPherron, M Soressi, T Kelly, J Jaubert, J-J Hublin and MP Richards. 2011. Strontium isotope evidence for migration in late Pleistocene *Rangifer*: Implications for Neanderthal hunting strategies at the Middle Palaeolithic site of Jonzac, France. *Journal of Human Evolution* 61:176-185.
17. Weaver TD, TE Steele and RG Klein. 2011. The abundance of eland, buffalo, and wild pigs in Middle and Later Stone Age sites. *Journal of Human Evolution* 60:309-314.
16. Mackay A, J Orton, S Schwartz and TE Steele. 2010. Soutfontein (SFT)-001: Preliminary report on an open-air site rich in bifacial points, southern Namaqualand, South Africa. *South African Archaeological Bulletin* 65:84-95.
15. Texier P-J, G Porraz, J Parkington, J-P Rigaud, C Poggenpoel, C Miller, C Tribolo, C Cartwright, A Coudenneau, R Klein, T Steele and C Verna. 2010. A Howiesons Poort tradition of engraving ostrich eggshell containers dated to 60,000 years ago at Diepkloof Rock Shelter, South Africa. *Proceedings of the National Academy of Sciences USA* 107:6180-6185.

14. Klein RG, RG Franciscus and TE Steele. 2010. Morphometric identification of bovid metapodials to genus and implications for taxon-free habitat reconstruction. *Journal of Archaeological Science* 37:389-401.
13. Foutch A, TE Steele and CJ O'Brien. 2009. Faunal Analysis from Kibaoni, a Late Precolonial Pimbwe Village in Rukwa Valley, Tanzania: first reconstructions of cultural and environmental histories. *Azania: Archaeological Research in Africa* 44:257-267.
12. Robbins LH, AC Campbell, ML Murphy, GA Brook, AA Mabuse, RK Hitchcock, G Babutsi, M Mmolawa, KM Stewart, TE Steele, RG Klein and CC Appleton. 2009. Mogapelwa: archaeology, palaeoenvironment and oral traditions at Lake Ngami, Botswana. *South African Archaeological Bulletin* 64:13-32.
11. Niven L, TE Steele, H Finke, T Gernat and J-J Hublin. 2009. Virtual skeletons: using a structured light scanner to create a 3D faunal comparative collection. *Journal of Archaeological Science* 36:2018-2023.
10. Avery G, D Halkett, J Orton, TE Steele, M Tusenius and RG Klein. 2008. The Ysterfontein I Middle Stone Age Rock Shelter and the evolution of coastal foraging. *South African Archaeological Society Goodwin Series* 10:66-89.
9. Richards MP, G Taylor, TE Steele, S McPherron, M Soressi, J Jaubert, J Orschiedt, J-B Mallye, W Rendu and J-J Hublin. 2008. Isotopic dietary analysis of a Neandertal and associated fauna from the site of Jonzac (Charente-Maritime), France. *Journal of Human Evolution* 55:179-185.
8. Steele TE and RG Klein. 2008. Intertidal shellfish use during the Middle and Later Stone Age of South Africa. *Archaeofauna* 17:63-76.
7. Klein RG, G Avery, K Cruz-Urbe and TE Steele. 2007. The mammalian fauna associated with an archaic hominin skullcap and later Acheulean artifacts at Elandsfontein, Western Cape Province, South Africa. *Journal of Human Evolution* 52:164-186.
6. Steele TE and RG Klein. 2005/06. Mollusk and tortoise size as proxies for stone age population density in South Africa: Implications for the evolution of human cultural capacity. *Munibe (Antropologia - Arkeologia)* 57:221-237.
5. Steele TE. 2005. Comparing methods for analyzing mortality profiles in zooarchaeological and paleontological samples. *International Journal of Osteoarchaeology* 15:404-420.
4. Steele TE. 2004. Variation in mortality profiles of red deer (*Cervus elaphus*) in Middle Paleolithic assemblages from western Europe. *International Journal of Osteoarchaeology* 14:307-320.
3. Klein RG, G Avery, K Cruz-Urbe, D Halkett, JE Parkington, TE Steele, TP Volman and R Yates. 2004. The Ysterfontein I Middle Stone Age site, South Africa, and early human exploitation of coastal resources. *Proceedings of the National Academy of Sciences USA* 101:5708-5715.
2. Steele TE. 2003. Using mortality profiles to infer behavior in the fossil record. *Journal of Mammalogy* 84:418-430.
1. Steele TE and TD Weaver. 2002. The modified triangular graph: A refined method for comparing mortality profiles in archaeological samples. *Journal of Archaeological Science* 29:317-322.

Book Chapters

7. Steele TE and E Álvarez Fernández. 2012. "Restes de mollusques marins," in *Préhistoire de la Région de Rabat-Témara*, vol. III. Edited by El Hajraoui MA, R Nespoulet, A Debénath and HL Dibble, pp. 223-227. Rabat, Morocco: Villes et Sites Archéologiques du Maroc (V.E.S.A.M.).
6. Steele TE. 2012. "Late Pleistocene human subsistence in northern Africa: The state of our knowledge and placement in a continental context," in *Modern Origins: A North African Perspective*. Edited by Hublin J-J and S McPherron, pp. 107-125. Dordrecht, Netherlands: Springer.
5. Steele TE and E Álvarez-Fernández. 2011. "Initial investigations into the exploitation of coastal resources in North Africa during the Late Pleistocene at Grotte des Contrebandiers, Morocco," in *Trekking the Shore: Changing Coastlines and the Antiquity of Coastal Settlement*. Edited by Bicho N, J Haws and LG Davis, pp. 383-403. New York: Springer.
4. Steele TE and RG Klein. 2009. "Late Pleistocene subsistence strategies and resource intensification in Africa," in *The Evolution of Hominid Diets: Integrating Approaches to the Study of Palaeolithic Subsistence*. Edited by Hublin J-J and MP Richards, pp. 111-124. Dordrecht, Netherlands: Springer.
3. Jaubert J, J-J Hublin, S McPherron, M Soressi, J-G Bordes, É Claud, D Cochard, A Delagnes, J-B Mallye, A Michel, M Niclot, LB Niven, S-J Park, W Rendu, MP Richards, D Richter, M Roussel, TE Steele, J-P Texier and C Thiébaud. 2008. "Paléolithique moyen récent et Paléolithique supérieur ancien à Jonzac (Charente-Maritime) : premiers résultats des campagnes 2004-2006," in *Les sociétés du Paléolithique dans us Grand Sud-Ouest : nouveaux gisements, nouveaux résultats, nouvelles méthodes.*, vol. 47. Edited by Jaubert J, J-G Bordes and I Ortega, pp. 203-243: Bulletin de la Société Préhistorique Française 47.
2. Steele TE. 2007. "Late Pleistocene of Africa," in *Encyclopedia of Quaternary Science*. Edited by Elias SA, pp. 3139-3150. Oxford: Elsevier.
1. Steele TE. 2006. "Accuracy of age determinations from tooth crown heights: a test using an expanded sample of known age *Cervus elaphus*," in *Recent Advances in Ageing and Sexing Animal Bone*. Edited by Cosmopoulos DR, pp. 119-128. Oxford, United Kingdom: Oxbow Books.

Comments

4. Steele TE and TD Weaver. 2014. Comment on Ciere et al. Craniofacial feminization, social tolerance, and the origins of behavioral modernity. *Current Anthropology* 55:434-435.
3. Steele TE. 2010. A unique hominin menu dated to 1.95 million years ago. *Proceedings of the National Academy of Sciences USA* 107:10771-10772.
2. Klein RG and TE Steele. 2008. Gibraltar data are too sparse to inform on Neanderthal exploitation of coastal resources. *Proceedings of the National Academy of Sciences USA* 105:E115.
1. Hublin J-J and TE Steele. 2006. Comment on Adler et al. Palaeolithic hunting in the Caucasus. *Current Anthropology* 47:107-108.

Book Reviews

10. Steele TE. 2015. Book review: The Archaeology of the West Coast of South Africa. *Journal of Island & Coastal Archaeology* 10(2):302-303.
9. Steele TE. 2014. Book review: Reassessing Palaeolithic subsistence: the Neandertal and modern human foragers of Saint-Césaire, E Morin. *Antiquity* 88:312-313.

8. Steele TE. 2010. Book review: The Evolution of Modern Humans in Africa: A Comprehensive Guide, PR Willoughby. *Journal of Anthropological Research* 66:412-413.
7. Steele TE. 2010. Book review: The Evolution of Human Behavior, A Fuentes. *American Journal of Physical Anthropology* 142:504-505.
6. Steele TE. 2010. Book review: Man the Hunted: Primates, Predators, and Human Evolution, Expanded Edition, D Hart and RW Sussman. *Journal of Anthropological Research* 66:150-151.
5. Steele TE. 2009. Book review: Adrar Bous: archaeology of a Central Saharan granitic ring complex in Niger (Studies in Human Sciences 170), AB Smith and MAJ William. *Antiquity* 83:1190-1191.
4. Steele TE. 2007. Book review: The Faunas of Hayonim Cave, Israel: A 200,000 Year Record of Paleolithic Diet, Demography, and Society, MC Stiner. *Journal of Anthropological Research* 63:275-277.
3. Steele TE. 2006. Book review: Mode de Vie au Magdalénien: Apports de l'Archéozoologie / Zooarchaeological insights into Magdalenian Lifeways, S Costamagno and V Laroulandie (eds). *PaleoAnthropology* 2006:84-85.
2. Steele TE. 2006. Book review: The Exploitation and Cultural Importance of Sea Mammals, GG Monks (ed). *Journal of Anthropological Research* 62:282-283.
1. Steele TE. 2004. Book review: Savannah Lives: Animal Life and Human Evolution in Africa, S Ulfstrand. *Quarterly Review of Biology* 79:115-116.

Conference Presentations - presented by Steele unless otherwise indicated

- Steele, TA, Mackay, A, S Armitage, and MC Stahlschmidt. 2018. Varsche Rivier 003 (southern Namaqualand, South Africa): a Late Pleistocene desert sequence placed in a regional context. 24th Biannual Meeting of the Society of Africanist Archaeologists (SAfA). Toronto, Canada.
- Steele, TE, E Álvarez-Fernández, E Hallett-Desguez, V Aldeias, MA El Hajraoui and H. Dibble. 2018. Tick shells, personal ornamentation, and marine resource exploitation during the Late Pleistocene at Contrebandiers Cave (Temara, Morocco). To be presented at the Paleoanthropology Society Meetings, 10-11 April 2018. Austin, Texas.
- Steele, TE, ML Martisius, T Dogandžić, M Lenoir, and SP McPherron. 2017. Integrating faunal and lithic data to examine Neandertal subsistence at the Late Mousterian site of Abri Peyrony, France. Presented at the 82nd Annual Meeting of the Society for American Archaeology, Vancouver, Canada.
- Steele, TE, E Álvarez-Fernández, E Hallett-Desguez, V Aldeias, MA El Hajraoui and H. Dibble. 2017. *Nassarius* shells, personal ornamentation, and marine resource exploitation during the Late Pleistocene at Contrebandiers Cave (Temara, Morocco). Presented at the Workshop on Humans' Earliest Personal Ornaments; 6-8 March 2017; Steinhardt Museum of Natural History at Tel Aviv University, Israel.
- Steele, TE, E Álvarez-Fernández, E Hallett-Desguez, V Aldeias, MA El Hajraoui and H. Dibble. 2016. Coastal marine resource exploitation during the Late Pleistocene at Contrebandiers Cave (Temara, Morocco). 23th Biennial Meeting of the Society of Africanist Archaeologists (SAfA). Toulouse, France.

Mackay, A, S Armitage, A Blackwood, M Igreja, B Marwick, J Orton, MC Stahlschmidt, and TE Steele. 2016. The Middle Stone Age sequence from Varsche Rivier 003, Southern Namaqualand, South Africa. 23th Biennial Meeting of the Society of Africanist Archaeologists (SAfA).

Steele, TE, E Álvarez-Fernández, E Hallett-Desguez, V Aldeias, MA El Hajraoui and H. Dibble. 2016. Coastal marine resource exploitation during the Late Pleistocene at Contrebandiers Cave (Temara, Morocco). 81st Annual Meeting of the Society for American Archaeology, Orlando, Florida.

Hallett-Desguez, E, Dibble HL, Marean CW, and TE Steele. 2014. A large and varied bone tool assemblage from Contrebandiers Cave (Atlantic coast of Morocco) dated between ca. 122 ka – 96 ka. Paleoanthropology Society Meetings, Calgary, Canada. (presented by Hallett)

McPherron SP, M Soressi, M Lenoir, T Dogandžić, P Goldberg, Z Jacobs, Y Maigrot, NL Martisius, CE Miller, W Rendu, MP Richards, MM Skinner, TE Steele, S Talamo and J-P Texier. 2013. New Data on the Context of the Middle Paleolithic Bone Tools from Abri Peyrony and Pech-de-l'Azé I (France). European Society for Human Evolution. Vienna, Austria. (presented by McPherron)

Steele TE. 2012. How studies of shell remains can contribute to our understanding of faunal landscapes. 77th Annual Meeting of the Society for American Archaeology, Memphis, Tennessee.

Álvarez-Fernández E and Steele TE. 2012. Exploitation of coastal resources during the Late Pleistocene at Grotte des Contrebandiers (Temara, Morocco). 77th Annual Meeting of the Society for American Archaeology, Memphis, Tennessee.

Steele TE. 2011. The exploitation of coastal resources informs on ancient human behavior and past environments: an integrated paleoecological approach to investigating modern human origins. American Association of Physical Anthropologists Annual Meeting, Minneapolis, Minnesota.

Steele TE, G Avery, D Halkett, J Orton, M Tusenius, S Wurz and RG Klein. 2010. Ysterfontein (YFT) 1: A Middle Stone Age shell midden on the West Coast of South Africa. Langebaanweg 2010 Changing Landscapes and Biotas of the Cape West Coast Conference, Cape Town, South Africa. (presented by Avery)

Klein RG and TE Steele. 2010. The Middle and Later Stone Age Faunal Remains from Diepkloof Rock Shelter, Western Cape, South Africa. The PanAfrican Association/Society of Africanist Archaeologists (SAfA) meeting, Dakar, Senegal. (presented by G. Porraz)

Klein RG, Weaver TD and Steele TE. 2009. Eland, buffalo, and wild pigs: are they equally abundant in Middle and Later Stone Age sites? Paleoanthropology Society Meetings, Chicago, Illinois. (presented by Klein)

McPherron S, Soressi M, Jaubert J, Hublin JJ, Delagnes A, Maylle JB, Niven LB, Rendu W, Richards M, Richter D and Steele TE. 2008. Jonzac and La Quina: Sequences and Similarities in the late Middle Paleolithic of Southwest France. 73rd Annual Meeting of the Society for American Archaeology, Vancouver, Canada. (presented by McPherron)

Steele TE. 2007. Late Pleistocene human paleoecology in Northwest Africa: the state of our knowledge & placement in a continental context. Modern Origins: A North African Perspective conference, Leipzig, Germany.

Steele TE and Klein RG. 2006. Comparison of trends in Late Pleistocene subsistence strategies and resource intensification across multiple geographic regions. Evolution of Hominid Diets conference, Leipzig, Germany.

Steele TE. 2006. Understanding Middle Stone Age ecological variation: continuing excavations at Ysterfontein I, an Atlantic coast site, Western Cape Province, South Africa. 71st Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico.

McPherron SP, Hublin J-J, Jaubert J, Soressi M, Bailey SE, Bordes J-G, Claud É, Mallye J-B, Michel A, Rendu W, Richards MP, Richter D, Roussel M, Steele TE, Taylor G and Texier J-P. 2006. New Excavations at the Paleolithic Site of Chez-Pinaud Jonzac (Charente-Maritime, France). Paleoanthropology Society Meetings, San Juan, Puerto Rico. (presented by McPherron)

Steele TE, Avery G, Klein RG and Volman TP. 2005. EFTN HD2: a Mid-Pleistocene artifact-and-mammal-bone occurrence at Elandsfontein, Western Cape Province, South Africa. Paleoanthropology Society Meetings, Milwaukee, Wisconsin.

Avery G, Steele TE, Volman TP and Klein RG. 2005. EFTN HD2: a Mid-Pleistocene artifact-and-mammal-bone occurrence at Elandsfontein, Western Cape Province, South Africa. 70th Annual Meeting of the Society for American Archaeology, Salt Lake City, Utah.

Steele TE. 2005. Investigating marine shellfish use during the Middle and Later Stone Age of South Africa. The inaugural meeting of the ICAZ Archaeomalacology Working Group, Gainesville, Florida.

Steele TE, Klein RG, Volman TP, Halkett D, Yates R, Avery G and Parkington JE. 2004. The Ysterfontein I Middle Stone Age site, South Africa, and early human exploitation of coastal resources. Paleoanthropology Society Meetings, Montreal, Québec, Canada.

Steele TE. 2004. The Ysterfontein I Middle Stone Age site, South Africa, and early human exploitation of coastal resources. 69th Annual Meeting of the Society for American Archaeology, Montreal, Québec, Canada.

Steele TE and Hadly EA. 2003. Paleoecology of small mammals from Waterfall Locality, Yellowstone National Park, Wyoming, USA. 63rd Annual Meetings of the Society of Vertebrate Paleontology, St. Paul, Minnesota.

Steele TE. 2003. Red deer hunting by Middle and Upper Paleolithic hominids from western Europe. Paleoanthropology Society Meetings, Tempe, Arizona.

Steele TE and Hadly EA. 2002. Ecological differences between two Late Holocene sites from Yellowstone National Park, Wyoming, USA. 62nd Annual Meetings of the Society of Vertebrate Paleontology, Norman, Oklahoma.

Steele TE. 2002. Variation in the age at death of red deer in Late Pleistocene archaeological assemblages from Western Europe. 9th Conference of the International Council of Archaeozoology (ICAZ), Durham, U.K.

Steele TE. 2002. Accuracy of age determinations from tooth crown heights: a test using an expanded sample of known age *Cervus elaphus*. 9th Conference of the International Council of Archaeozoology (ICAZ), Durham, U.K.

Steele TE. 2002. Assessing variation in red deer mortality profiles from the Late Pleistocene of western Europe. 67th Annual Meeting of the Society for American Archaeology, Denver, Colorado.

Steele TE. 2001. Reconstructing the age distributions of fossil samples of hypsodont ungulates. 61st Annual Meetings of the Society of Vertebrate Paleontology, Bozeman, Montana.

Posters

Goldberg P,V Aldeias,A Balzeau, L Bruxelles, L Chiotti, I Crevecoeur, HL Dibble,A Gómez-Olivencia, G Guérin, JJ Hublin, B Maureille, SJP McPherron, S Madelaine, DM Sandgathe, TE Steele, S Talamo and A Turq. 2016. On the Context of the Neanderthal Skeletons at La Ferrassie: New Evidence on Old data. European Society for Human Evolution. Madrid, Spain (presented by McPherron).

Martisius NL, T Dogandzic, M Lenoir, SP McPherron, and TE Steele. 2015. Neandertal Subsistence at the Late Mousterian Site of Abri Peyrony, France. Society for American Archaeology 80th Annual Meeting, San Francisco, California. (presented by Martisius)

Brandl, KS and TE Steele. 2015. Zooarchaeology and Historical Archaeology: A Case Study of the Leland Stanford Mansion. Society for American Archaeology 80th Annual Meeting, San Francisco, California. (presented by Brandl)

Steele, TE, A Mackay, KE Fitzsimmons, B Marwick, J Orton, S Schwartz, and MC Stahlschmidt. 2014. Varsche Rivier 003: A Middle Stone Age site with Still Bay & Howiesons Poort assemblages in southern Namaqualand, South Africa. European Society for Human Evolution. Florence, Italy.

Stahlschmidt M, CE Miller, A Mackay and TE Steele. 2013. On the slope or in the shelter? Micromorphological studies at the MSA site Varsche Rivier 003, South Africa. Hugo Obermaier Society. Vienna, Austria. (presented by Stahlschmidt)

McPherron S, M Lenoir, T Dogandzic, J-J Hublin, C Miller, K Ruebens, M Soressi, TE Steele, S Talamo and A Turq. 2012. New Excavations at the Mousterian of Acheulian Tradition Site of Abri Peyrony (France). European Society for Human Evolution. Bordeaux, France. (presented by McPherron)

Schwartz S, J Orton, A Mackay and TE Steele. 2012. Middle Stone Age archaeology in open-air surface sites along the Varsche River (Southern Namaqualand, South Africa). 77th Annual Meeting of the Society for American Archaeology, Memphis, Tennessee. (presented by Schwartz)

Orton J, A Mackay, S Schwartz and TE Steele. 2011. Archaeology in the Knersvlakte, Southern Namaqualand. The Association of Southern African Professional Archaeologists. Mbabane, Swaziland. (presented by Orton)

Steele TE. 2010. A comparison between northern and southern African hominin subsistence during the Late Pleistocene. 11th Conference of the International Council of Archaeology (ICAZ), Paris, France.

Steele TE, Mackay A, Orton J and Schwartz S. 2010. Initial exploration of Middle and Later Stone Age archaeology in southern Namaqualand, South Africa. 75th Annual Meeting of the Society for American Archaeology, St. Louis, Missouri.

Schwartz S, Mackay A, Orton J and TE Steele. 2010. Preliminary report on a Middle Stone Age open-air bifacial point manufacturing site in southern Namaqualand, South Africa. 75th Annual Meeting of the Society for American Archaeology, St. Louis, Missouri.

Niven L, T Steele, K Britton, V Grimes, J Mallye, W Rendu and M Richards. 2010. Neandertal utilization of reindeer in the Quina Mousterian: Zooarchaeological and isotopic evidence from the site of Chez Pinaud, Jonzac (France). Hugo Obermaier Society. Leipzig, Germany. (presented by Niven)

Steele TE, Niven LB, Britton K, Grimes V, Mallye J-B, Rendu W and Richards MP. 2009. Neandertal exploitation of reindeer in the Quina Mousterian at Chez Pinaud, Jonzac (France): zooarchaeological and isotopic evidence. Paleoanthropology Society Meetings, Chicago, Illinois.

Foutch A, Steele TE, O'Brien CJ and B Mapunda. 2009. Understanding late pre-colonial, interior East Africa, Investigations at Kibaoni village, Tanzania. 74th Annual Meeting of the Society for American Archaeology, Atlanta, Georgia. (presented by Foutch)

Avery G, Halkett D, Klein RG, Orton J, Steele TE and Wurz S. 2008. New discoveries from the Ysterfontein I Middle Stone Age Rockshelter, South Africa. Paleoanthropology Society Meetings, Vancouver, Canada.

Steele TE, Niven LB, Mallye J-B and Rendu W. 2008. Reindeer exploitation in the Quina Mousterian at Chez Pinaud, Jonzac (France). 73rd Annual Meeting of the Society for American Archaeology, Vancouver, Canada.

Niven LB, Steele TE, Finke H, Gernat T and Hublin J-J. 2008. Virtual skeletons: using a structured light scanner to make a 3-D faunal comparative collection. 73rd Annual Meeting of the Society for American Archaeology, Vancouver, Canada.

Hublin J-J, Jaubert J, McPherron S, Soressi M, Claud É, Mallye J-B, Rendu W, Richards MP, Richter D, Steele TE, Taylor G and Texier J-P. 2006. Preliminary Results from the MTA of the recently discovered site of Chez-Pinaud Jonzac (Charente-Maritime, France). 71st Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico.

Jaubert J, Hublin J-J, Soressi M, McPherron S, Claud É, Mallye J-B, Rendu W, Richards MP, Richter D, Steele TE, Taylor G and Texier J-P. 2006. The Quina Mousterian from Chez-Pinaud Jonzac (Charente-Maritime, France). 71st Annual Meeting of the Society for American Archaeology, San Juan, Puerto Rico.

Invited Colloquia

- 2018 Southern California Primate Research Forums (SCPRF), CSU-Fullerton
- 2017 Department of Earth and Planetary Sciences, University of California - Davis
- 2015 Department of Archaeology, University of Cape Town
- 2012 Department of Anthropology, University of Michigan
- 2011 Primate Biology Group, UC Berkeley
- 2011 California Academy of Science
- 2010 The Evolution of Human Diet. The California Academy of Sciences' Bioforum
- 2010 Department of Anthropology, University of Pennsylvania
- 2010 Department of Anthropology, University of California - Davis
- 2008 Department of Anthropology, Stanford University
- 2007 Program in African & African-American Studies, University of California – Davis
- 2007 Department of Anthropological Sciences, Stanford University
- 2005 Department of Anthropology, University of California - Davis
- 2005 Institut für Ur-und Frühgeschichte und Archäologie des Mittelalters, Universität Tübingen
- 2004 Department of Anthropology, University of Wisconsin – Madison
- 2003 Department of Anthropology, University of Wisconsin – Milwaukee
- 2003 Department of Anthropology, University of Wisconsin – Madison
- 2001 Department of Anthropology, Stony Brook University
- 2001 Department of Anthropological Sciences, Stanford University
- 2000 Department of Anthropological Sciences, Stanford University

Courses taught (at UC Davis)

Ant 3: Introduction to Archaeology (7 times)

Ant 23: World Prehistory (once)

Ant 25: Ancient Animals and People (once)

Ant 174: European Prehistory (5 times)

Ant 177: African Prehistory (5 times)

Ant 180: Zooarchaeology (8 times)

Ant 183: Archaeological Laboratory Methods (once)

Ant 216: Problems in Archeological Method: Advanced Zooarchaeology (5 times)

Ant 216: Problems in Archeological Method: Proposal Writing and Presenting (4 times)

Ant 219: African Prehistory (once)

Ant 219: The Middle Stone Age and Modern Human Origins (once)

Ant 298: Professional Development Seminar for first year graduate students (once)

Graduate Advisors and Postdoctoral Sponsors

Graduate: Richard Klein (Stanford University), Elizabeth Hadly (Stanford University), John Rick (Stanford University)

Postdoctoral: Elizabeth Hadly (Stanford University), Jean-Jacques Hublin (Max Planck Institute for Evolutionary Anthropology)

Graduate Advisees - current

R. Bakhtiary (co-chair of exam committee, dissertation committee, UC Davis)

E. Ebel (chair of exam committee, dissertation committee, UC Davis)

G. Gallo (co-major professor, exam & dissertation committee, UC Davis)

B. Hull (exam committee, UC Davis)

C. Johnson (chair of exam committee, UC Davis)

S. Lagle (major professor, exam & dissertation committee, UC Davis)

N. Martisius (major professor, exam & dissertation committee, UC Davis)

T. McNeill (major professor, UC Davis)

J. Miszaniec (chair of exam committee, dissertation committee, UC Davis)

K. Smith (chair of exam committee, dissertation committee, UC Davis)

S. Watson (co-major professor, exam & dissertation committee, UC Davis)

Postdoctoral Advisees - past

Geoff Smith (post-doctoral fellow, Max Planck Institute for Evolutionary Anthropology)

Graduate Advisees - past

O. Adegboyega (chair of exam committee, UC Davis; in progress)

J. Foin (chair of exam committee; UC Davis)

A. Foutch (major professor for Master's degree; UC Davis; graduated June 2008; Far Western Archaeological Research Group)

C. Gilmore (Ph.D. thesis and exam committee; UC Davis; graduated August 2012, Cosumnes River College)

A. Goldfield (proposal & dissertation committee, Boston University, graduated May 2017)

J. Goodsell (chair of exam committee; UC Davis; Bureau of Land Management)

A. Greenwald (exam & dissertation committee, UC Davis, graduated June 2017, pos-doctoral fellow, Arizona State University; University of Utah)

- J. Hutson (Ph.D. thesis and exam committee, University of Nevada-Reno; graduated May 2012, Smithsonian)
- T. Johansen (Ph.D. thesis and chair of exam committee; UC Davis; graduated March 2012, Cosumnes River College)
- D. Katz (chair of exam committee; UC Davis; graduated August 2016, post-doctoral fellow, University of Calgary)
- J. Lewis (exam committee; Stanford University; graduated 2011, Rutgers University)
- S. Schwartz (major professor, exam committee; UC Davis)
- P. Stamos (chair of exam committee; UC Davis; post-doc University of Chicago)
- A. Tremayne (chair of exam committee; UC Davis; graduated December 2015, National Park Service Alaska Region)
- C. Whelan (exam committee; UC Davis; graduated March 2016, California State, Chico)

Service

Department

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|----------------|--|
| 2018-present | Diversity and Inclusion Committee |
| 2015-2018 | Chair, Evolutionary Wing of Anthropology Department |
| 2015-2018 | Chair, Graduate Program in Evolutionary Anthropology |
| 2015-2017 | Chair, Evolutionary Anthropology Colloquium Committee |
| 2009-14, 15-17 | Faculty Liaison to the Anthropology Club |
| 2016-2017 | Member, Archaeology Faculty Search Committee |
| 2011-2014 | Chair, Undergraduate Program Committee |
| 2007-2014 | Undergraduate adviser |
| 2013 | Chair, Ad hoc faculty recruitment committee |
| 2008, 11, 13 | Guest lecture on "Taphonomy" in Ant 156B: Advanced Human Osteology |
| 2012 | Member, Green Cluster CAO search committee |
| 2011-2012 | Member, Paleoanthropology Faculty Search Committee |
| 2008 | Participated in Graduate Student discussion on Transition from Graduate Student to Faculty |

University

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|--------------|---|
| 2019 | Panelist, "WorkLife Integration: Caring for Your Family, Your Career, and Yourself" |
| 2014-present | Faculty advisor to the UC Davis Work-Life Program |
| 2009-present | Storer Lecture Series selection committee |
| 2008-present | Affiliate of Middle Eastern and South Asian Studies & African and African-American Studies |
| 2012, 14, 17 | Guest lecture on "Human Origins" in SAS 5: Soil, Water, and Civilizations |
| 2017 | Panelist, "Discover Anthropology as a Pre-Health Student" |
| 2015 | Facilitator, Workshop on juvenile human and non-human skeletal remains for staff of the Department of Anthropology Museum and the NAGPRA project. |
| 2013-2014 | Member, Joint Administrative/Senate Task Force on the Academic Organization of UC Davis |
| 2011-2014 | Member, Committee on Undergraduate Scholarships, Honors and Prizes |
| 2013 | Panelist, "Recently Tenured Faculty Panel", New Faculty Workshop |
| 2013 | Panelist, "Work/Life balance", EVE professional development graduate seminar |

Professional

2018 Reviewer for a tenure appointment
2018-present *Journal of Paleolithic Archaeology*, editorial board member
2014-present *Journal of Archaeological Science: Reports*, editorial board member
2014-present *Open Quaternary*, editorial board member
2017 Reviewer for a tenure appointment
2015-2016 NSF Graduate Research Fellowship Program: reviewer and panelist
2007 External Examiner, PhD thesis submitted to the Archaeology Department at the University of Cape Town, South Africa

Public

2019 Outreach: Birch Lane Elementary - cave and rock art
2019 Outreach: Birch Lane Elementary - stone tool technology in early humans
2018 Outreach: Birch Lane Elementary - stone tool technology in early humans
2017 Outreach: Birch Lane Elementary - Science Night: comparative anatomy
2017 Outreach: Birch Lane Elementary - skeletal differences between bats and birds
2016 Public lecture: Sacramento Archaeological Society, West Sacramento
2016 Outreach: Birch Lane Elementary - the relationship between teeth and diet
2015 Public lecture: Archaeology Society of South Africa, Cape Town branch
2011 Representative at Los Rios Anthropology Expo Day
2010 Speaker on “The Evolution of Human Diet” at the California Academy of Sciences’ Bioforum on Human Evolution – a program to connect local science teachers to scientists
2007 Public lecture: Archaeology Society of South Africa, Cape Town branch

Grant reviewer for:

National Science Foundation, L.S.B. Leakey Foundation, Agence Nationale de la Recherche (France), M.J. Murdock Charitable Trust, National Research Foundation (South Africa), Council for the Humanities of the Netherlands Organization for Scientific Research

Manuscript reviewer for:

African Archaeological Review, American Antiquity, Archaeological and Anthropological Sciences, Biological Journal of the Linnean Society, Current Anthropology, International Journal of Osteoarchaeology, Journal of Anthropological Archaeology, Journal of Archaeological Method and Theory, Journal of Archaeological Science, Journal of Archaeological Science: Reports, Journal of Arid Environments, Journal of Human Evolution, Journal of Island & Coastal Archaeology, Journal of Paleolithic Archaeology, Journal of Theoretical Biology, Navorsing (South Africa), Nature Human Behavior, Open Quaternary, PaleoAnthropology, PLoS ONE, Proceedings of the National Academy of Sciences USA, Quaternary International, Quaternary Research, Quaternary Science Reviews, Science, Springer, South African Archaeological Bulletin, South African Journal of Science, South African Humanities, Transactions of the Royal Society of South Africa, 2nd ICAZ Archaeomalacology working group proceedings

Book proposal and manuscript reviewer for:

Kluwer Academic/Plenum Publishers, Oxford Research Encyclopedia of Anthropology, Springer, Thames and Hudson, Wiley

Professional Memberships

European Society for Human Evolution; International Council for Archaeozoology; ICAZ
Archaeomalacology Working Group; Paleoanthropology Society; Society for American
Archaeology; Society of Africanist Archaeologists; South African Archaeological Society