

W. Andrew Barr - Curriculum Vitae

Current Position

PostDoctoral Scientist

Center for the Advance Study of Human Paleobiology. Dept of Anthropology. The George Washington University.

Education

PhD - 2014 - University of Texas at Austin. Anthropology.

MA - 2008 - University of Texas at Austin. Anthropology.

BS - 2005 - Tulane University. Anthropology, French. Cum laude.

Peer Reviewed Publications

Accepted - Barr, WA. Paleoenvironments of the Shungura Formation based on ecomorphology of the bovid astragalus. *Journal of Human Evolution*.

2014 - Barr, WA. Functional Morphology of the Bovid Astragalus In Relation To Habitat: Controlling Phylogenetic Signal In Ecomorphology. *Journal of Morphology*. 275:1201-1216. [doi:10.1002/jmor.20279](https://doi.org/10.1002/jmor.20279)

2014 - Barr, WA and Scott, RS. Phylogenetic comparative methods complement discriminant function analysis in ecomorphology. *American Journal of Physical Anthropology*. 153:663-674. [doi:10.1002/ajpa.22462](https://doi.org/10.1002/ajpa.22462)

2014 - Scott, RS and Barr, WA. Ecomorphology and phylogenetic risk: implications for habitat reconstruction using fossil bovids. *Journal of Human Evolution*. 73:47-57. [doi:10.1016/j.jhevol.2014.02.023](https://doi.org/10.1016/j.jhevol.2014.02.023)

2010 - Reed DN, and Barr WA. A preliminary account of the rodents from Pleistocene levels at Grotte des Contrebandiers (Smuggler's Cave), Morocco. *Historical Biology*. 22:286-294. [doi:10.1080/08912960903562192](https://doi.org/10.1080/08912960903562192)

Funding and Awards

2014 - Travel Grant - Paleoanthropology Society for meetings in Calgary. \$500

2013 - Named Continuing Fellowship - UT Austin Graduate School. \$29,000

2013 - Pollitzer Student Travel Award - American Association of Physical Anthropologists. \$500

2012 - Dissertation Fieldwork Grant - Wenner-Gren Foundation. \$13,317

2007-2011 - Graduate Research Fellowship - National Science Foundation. \$90,000

2008 - 2011 - Professional Development Awards - Dept. of Anthropology, UT Austin.

2007 - Liberal Arts Graduate Research Fellowship - UT Austin.

2007 - Student Prize - Texas Association of Biological Anthropologists.

2007, 2008 - David Bruton, Jr. Graduate Fellowship - UT Austin.

Professional Preparation

2014 - Present - PostDoctoral Scientist. Center for the Advanced Study of Human Paleobiology. The George Washington University. Advisor: Bernard Wood.

2012 - Present - Research Associate & Software Developer. PaleoCore Project. I am a key member of this NSF Funded project, which aims to create a data-standard for physical anthropology. I contributed heavily to the development of PaleoCore informatics tools for data sharing, and have been an organizer and participant in workshops organized by PaleoCore.

2011 - Participant. AnthroTree Workshop in Phylogenetic Methods. Amherst, MA.

2010, 2011 - Research Assistant. eSkeletons.org and eFossils.org. PI: John Kappelman.

2010, 2012 - Head Teaching Assistant. Introduction to Physical Anthropology, UT Austin.

2010 - Teaching Assistant. GIS and Remote Sensing for Archaeology and Paleontology, UT Austin.

2009 - Teaching Assistant. Human Variation, UT Austin.

2006, 2007, 2011 - Teaching Assistant. Introduction to Physical Anthropology, UT Austin.

Fieldwork Experience

2014 - Mille-Logya Research Project, Afar Region, Ethiopia. PI: Zeresenay Alemseged. I am a member of the scientific team conducting research to recover new fossil evidence of human evolution from this Plio-Pleistocene site.

2013 - Great Divide Basin Project, Wyoming. PI: Robert Anemone. Collected primate and mammalian fossils from Eocene sediments, and prospected for new localities.

2010, 2012 - Dikika Research Project, Afar Region, Ethiopia. PI: Zeresenay Alemseged. Surface collection of Plio- Pleistocene hominin and mammalian fossils. Managed GIS data collection with hand-held computers and high-precision GPS base station.

2007, 2008, 2010 - Dalquest Research Site, Big Bend Region, Texas. PI: E. Chris Kirk. Surface collected primate and mammalian fossils in the Devil's Graveyard Formation. (Eocene: Late Uintan).

2009 - Contrebandiers Cave, Temara, Morocco. PI: Harrold Dibble & Utsav Schurmans. Excavated site preserving Middle Stone Age archaeology (Aterian) and hominin remains. Performed systematic analysis of rodent fauna.

Professional Memberships

American Association of Physical Anthropologists

Paleoanthropology Society