



Dr Justin Adams

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Our laboratory has led fieldwork and faunal analysis at multiple sites in and around the Cradle of Humankind UNESCO World Heritage Site. Our ongoing research projects and collaborations address outstanding questions on the palaeobiology of Pliocene and early Pleistocene South African mammalian faunas and the taphonomy and palaeoecology of palaeocave sites. Our lab brings together comparative methods and advanced 3D imaging resources to the study of living and fossil mammal anatomy.

Research Projects

1. Understanding the Evolution and Adaptations of Fossil Colobus Monkeys



Dr. Justin W. Adams excavating ~ 2 million year old fossil primates in the Haasgat cave system, South Africa.

Selected significant publications:

1. **Adams JW**, Olah A, McCurry MR, Potze S. 2015. Surface model and tomographic archive of fossil primate and other mammal holotype and paratype specimens of the Ditsong National Museum of Natural History, Pretoria, South Africa. *PLoS ONE* 10 (10), e0139800.
2. McMenamin PG, Quayle MR, McHenry CR, **Adams JW**. 2014. The production of anatomical teaching resources using three-dimensional (3D) printing technology. *Anatomical Sciences Education* 7, 479-486.
3. Herries AIR, Pickering R, **Adams JW**, Curnoe D, Warr G, Latham A, Shaw J. 2013. A multi-disciplinary perspective on the age of *Australopithecus* in southern Africa. In: Leakey, R, Fleagle, J and Reed, K (eds.), *The Paleobiology of Australopithecus. Vertebrate Paleobiology and Paleoanthropology Series*, 21-40.
4. **Adams JW**. 2012. A revised listing of fossil mammals from the Haasgat cave system ex situ deposits (HGD), South Africa. *Palaeontologia electronica* 15 (3), 88p.
5. Herries AIR, Curnoe D, **Adams JW**. 2009. A multi-disciplinary seriation of *Homo* and *Paranthropus* bearing palaeocave deposits in southern Africa. *Quaternary International* 202, 14-28.