

CURRICULUM VITAE

Brian A. Stewart, M.St., D.Phil.

Museum of Anthropological Archaeology
University of Michigan
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Education

2002–2008 University of Oxford **D.Phil.** (Institute of Archaeology)

Thesis: Refitting repasts: a spatial exploration of food processing, sharing and disposal at the Dunefield Midden campsite, South Africa (supervisor: Prof Peter Mitchell)

2000–2001 University of Oxford **M.St.** with distinction (Institute of Archaeology)

1996–2000 University of Vermont **B.A.** (Department of Anthropology)

Research interests

Intra- and off-site spatial archaeology; hunter-gatherer subsistence-settlement organization; hunter-gatherer site and assemblage formation; integration of cave and landscape archaeology; early modern human cultural adaptations; Middle and Late Pleistocene paleodemography; Paleolithic socio-political organization; Middle and early Later Stone Age lithic technologies; Later Stone Age ceramic technologies; southern African forager-herder relations

Current projects

- Adaptations to Marginal Environments in the Middle Stone Age (Project AMEMSA; www.amemsa.com)
- Context and Controls on Modern Human Behaviour in Southern Africa: Human-Environment Interactions in the Late Pleistocene (INQUA HABCom Int'l Focus Group; <http://www.inqua.org/habcom/projects/ChaseB.html>)
- Later Stone Age Spatial, Subsistence and Social Organization at Dunefield Midden, South Africa
- Matatiele Archaeology Rock Art (Project MARA; www.marasurvey.com)

Employment

2013-present	Department of Anthropology & Museum of Anthropological Archaeology University of Michigan	Assistant Professor, Curator of African Archaeology
2012-2013	Department of Anthropology, Harvard University	College Fellow, Archaeology Program

2010-2012	McDonald Institute for Archaeological Research, University of Cambridge	Postdoctoral Research Fellow
2010-2012	Homerton College, University of Cambridge	Director of Studies, Archaeology & Anthropology
2008-2010	Homerton College, University of Cambridge	Junior Research Fellow
2005-2008	St. Hugh's College, University of Oxford	Non-Stipendiary Lecturer
2002	U.S. Dept. of Agriculture Forest Service San Bernardino National Forest, CA	Contract archaeologist
2001–2002	Greenhouse Consultants Inc. NYC	Contract archaeologist

Grants, Scholarships and Prizes

2012	The Prehistoric Society	Research Grant (as PI; \$811) & Robert Smith Award (prize: \$500)
2011	Social Sciences & Humanities Research Council of Canada (SSHRC)	Research Grant (as co-investigator; \$105,570)
2011	University of Cambridge	Smuts Memorial Fund Grant (as PI; \$820)
2010	The Wenner-Gren Foundation	Post-Ph.D. Research Grant (as PI; \$17,000)
2010	McDonald Institute, Univ. of Cambridge	D.M. McDonald Grant (as PI; \$7,825)
2009	Natural Environment Research Council (UK) Radiocarbon Facility	Radiocarbon Dating Grant (as PI; \$12,319)
2009	Social Sciences & Humanities Research Council of Canada (SSHRC)	Research Grant (as co-investigator; \$37,678)
2009	University of Cambridge	Smuts Memorial Fund Grant (as PI; \$3,164)
2009	McDonald Institute, Univ. of Cambridge	D.M. McDonald Grant (as PI; \$7,224)
2009	The Prehistoric Society	Research Grant (as PI; \$811)
2008	British Academy	Small Research Grant (as PI; \$12,172)
2008	McDonald Institute, Univ. of Cambridge	D.M. McDonald Grant (as PI; \$7,303)
2008	University of Cambridge	Smuts Memorial Fund Grant (as PI; 2,077)
2006	University of Oxford	Vice-Chancellor's Fund Study Grant (\$1,623)
2006	St. Hugh's College, Univ. of Oxford	Rhys-Davids Fund Travel Grant (\$1,541)
2004	Institute of Archaeology, Univ. of Oxford	Meyerstein Research Award (\$325)
2003	St. Hugh's College, Univ. of Oxford	Barbinder-Watson Travel Grant (\$568)
2003	African Studies Committee, Univ. of Oxford	Travel Grant (\$800)
2003	Institute of Archaeology, Univ. of Oxford	Meyerstein Research Award (\$650)
2002	St. Hugh's College, Univ. of Oxford	Graduate Research Scholarship (PhD tuition)
2002	Oxford University Press	Clarendon Fund Bursary (PhD tuition)
2002	University of Oxford	Overseas Research Scheme Scholarship (PhD tuition)

Fieldwork experience

2013	Univ. of Toronto/Michigan excavation, Spitzkloof Rockshelter B, Namaqualand, SA	Director
2012	Univ. of Toronto/Cambridge excavation, Spitzkloof Rockshelter B, Namaqualand, SA	Director

2011	Univ. of Cambridge/Toronto excavation, Sehonghong Rockshelter, Thaba Tseka District, Lesotho	Director
2011	Univ. of Toronto/Cambridge excavation, Spitzkloof Rockshelter A, Namaqualand, SA	Director
2011	Vrije University Amsterdam excavation, Muro Tenente Puglia, Italy	Supervisor
2010	Univ. of Toronto/Cambridge excavation, Spitzkloof Rockshelter, Namaqualand, SA	Director
2009	Univ. of Cambridge/Toronto excavation/survey, Sehonghong Rockshelter, Thaba Tseka District, Lesotho	Director
2009	Univ. of Cambridge/ Toronto excavation, Melikane Rockshelter, Qacha's Nek District, Lesotho	Director
2008	Univ. of Cambridge/Toronto excavation, Melikane Rockshelter, Qacha's Nek District, Lesotho	Director
2005	Univ. of Cape Town survey, Bontebok National Park, Western Cape Province, SA	Archaeologist
2004	Univ. of Cape Town excavation, Holbaai shell middens Western Cape Province, SA	Archaeologist
2003–2004	Univ. of Cape Town excavation, Prestwich Place cemetery Cape Town, SA	Archaeologist
2002	U.S. Dept. of Agriculture Forest Service, San Bernardino National Forest, CA, USA	Archaeologist (contract)
2001–2002	Greenhouse Consultants Inc., NY, USA	Archaeologist (contract)
2001	Univ. of Haifa excavation of Tabun Cave, Israel	Archaeologist
2001	Univ. of Haifa excavation of Ohalo II, Israel	Archaeologist
2000–2000	Univ. of Vermont Consulting Archaeology Program, VT, USA	Archaeologist (contract)
1999	New Hampshire State Conservation & Rescue Archaeology Program, Israel River Complex Paleoindian sites, NH, USA	Field School Trainee

Publications (*indicates peer-reviewed)

- *Mackay, A., **Stewart, B.A.**, Chase, B.M. *In press*. Coalescence and fragmentation in the late Pleistocene archaeology of southernmost Africa. *Journal of Human Evolution*.
- ***Stewart, B.A.**, Mitchell, P.J. *In press*. The Phokojoeng site. In: Mitchell, P.J., Plug, I., Bailey, G.N. (Eds.), *People of the Fish: Hunter-Gatherer Archaeology in the Lesotho Highlands, Southern Africa*. Oxford University School of Archaeology Monograph, Oxford.
- **Stewart, B.A.** 2012. The world's earliest mountain folk? *PAST* 71: 10-11.

- ***Stewart, B.A.**, Dewar, G.I., Morley, M., Inglis, R., Wheeler, M., Jacobs, Z., Roberts, R.G. 2012. Afromontane foragers of the Late Pleistocene: site formation, chronology and occupational pulsing at Melikane Rockshelter, Lesotho. *Quaternary International* 270: 40-60.
- ***Dewar, G.I., Stewart, B.A.** 2012. Preliminary results of excavations at Spitzkloof Rockshelter, Richtersveld, South Africa. *Quaternary International* 270: 30-39.
- **Stewart, B.A.**, Parkington, J., Fisher, J.W., Jr. 2011. The tortoise and the ostrich egg: projecting the home base hypothesis into the 21st century. In: Sept, J., Pilbeam, D. (Eds.), *Casting the Net Wide: Papers in Honor of Glynn Isaac and His Approach to Human Origins Research*. American School of Prehistoric Research, Cambridge, Mass, pp. 254-278.
- ***Stewart, B.A.** 2011. 'Residues of parts unchewable': stages two and three of a multivariate taphonomic analysis of the Dunefield Midden bovid bones. *Azania: Archaeological Research in Africa* 46: 141-168.
- ***Stewart, B.A.** 2010. Modifications on the bovid bone assemblage from Dunefield Midden, South Africa: stage one of a multivariate taphonomic analysis. *Azania: Archaeological Research in Africa* 45: 238-275.
- ***Schultziner, D., Stevens, T., Stevens, M., Stewart, B.A., Hannagan, R.J., Saltini Semerari, G.** 2010. The causes and scope of political egalitarianism during the Last Glacial: a multi-disciplinary perspective. *Philosophy and Biology* 25: 319-346.
- Murray, J., **Stewart B.A.** 2006. *Cultural Atlas for Young People: Africa* (updated 3rd edition). New York: Facts on File.
- ***Stewart, B.A.** 2005. Charring patterns on reconstructed ceramics from Dunefield Midden: implications for Khoekhoe vessel form and function. *Before Farming* [online version] 2005/1 article 1.
- ***Stewart, B.A.** 2005. The Dunefield Midden ceramics: technical analysis and placement in the Western Cape sequence. *South African Archaeological Bulletin* 60 (182): 103-111.

Forthcoming and in preparation:

- ***Jones S., Stewart, B.A.** *Forthcoming*. *Africa from MIS 6-2: Population Dynamics and Paleoenvironments*. Vertebrate Paleobiology & Paleoanthropology series, Springer, Dordrecht. **[BOOK CONTRACT SIGNED]**
- ***Dewar, G.I., Stewart, B.A.** *Forthcoming*. Paleoenvironments, sea levels and land use in Namaqualand, South Africa, during MIS 6-2. Submitted to: Jones, S., Stewart, B.A., (Eds.), *Africa from MIS 6-2: Population Dynamics and Paleoenvironments*. Vertebrate Paleobiology & Paleoanthropology series, Springer, Dordrecht. **[ACCEPTED]**
- ***Stewart, B.A., Parker, A.G., Dewar, G.I., Morley, M., Allott, L.** *Forthcoming*. Follow the Senqu: Maloti-Drakensberg paleoenvironments and implications for early human dispersals into mountain systems. Submitted to: Jones, S., Stewart, B.A. (Eds.), *Africa from MIS 6-2: Population Dynamics and Paleoenvironments*. Vertebrate Paleobiology & Paleoanthropology series, Springer, Dordrecht. **[IN REVIEW]**
- Collins, B., Mitchell, P.J., Schwenninger, J-L., Arthur, C., Dewar, G., **Stewart, B.A.** *Forthcoming*. Direct dating of pottery in Lesotho using OSL. *South African Archaeological Bulletin* **[IN REVIEW]**
- **Stewart, B.A., Jones, S.** *Forthcoming*. Introduction. In: Jones, S., Stewart, B.A. (Eds.), *Africa from MIS 6-2: Population Dynamics and Paleoenvironments*. Vertebrate Paleobiology & Paleoanthropology series, Springer, Dordrecht.

- ***Stewart, B.A.** Dewar, G.I., Allott, L.F., Parker, A.G. *In prep.* A multi-proxy paleoenvironmental framework for the Upper Pleistocene archaeological sequence at Melikane Rockshelter, highland Lesotho. *Journal of Archaeological Science*
- ***Stewart, B.A.** *In prep.* Ceramic assemblage formation in non-sedentary societies: a view from Dunefield Midden, South Africa. *Journal of Anthropological Archaeology*

Published abstracts:

- **Stewart, B.A.** 2009. Refitting repasts: a spatial exploration of food processing, sharing and disposal at the Dunefield Midden campsite, South Africa. *Azania: Archaeological Research in Africa* 44: 155-156.
- **Stewart, B.A.** 2008. Refitting repasts: a spatial exploration of food processing, sharing and disposal at the Dunefield Midden campsite, South Africa. *Antiquity* (online thesis archive: <http://php.york.ac.uk/org/antiquity/theses>)

Presentations:

Professional conferences:

- 2014. *Explaining intraregional assemblage variability in southern Africa during MIS 2: different strokes or different folks?* To be presented at the Presented at the 14th Congress of the PanAfrican Archaeological Association for Prehistory and Related Studies, Johannesburg, South Africa (July 2014 – abstract accepted).
- 2014. Take me to the river: the Orange-Senqu corridor and Late Pleistocene population dynamics in inland southern Africa. Presented at the 23rd Annual Meeting of the Paleoanthropology Society, Calgary, Canada.
- 2013. *Pulsed occupation of the MSA in Lesotho and Namaqualand and paleoenvironmental signals.* International Union of Quaternary Research (INQUA) HABCCom International Focus Group workshop, Clanwilliam, South Africa.
- 2013. *Desert life during the Last Glacial Maximum and why Namaqualand was occupied during MIS 2.* Society for American Archaeology Annual Conference, Honolulu, Hawaii [presenter: G.I. Dewar].
- 2013. Aptitude at Altitude: Flexibility as “Modernity” in Later Pleistocene Highland Lesotho. Society for American Archaeology Annual Conference, Honolulu, Hawaii
- 2012. *The Pleistocene colonization and exploitation of the Maloti-Drakensberg: a view from Melikane Rockshelter, Lesotho.* Presented at the 21st Biennial Meeting of the Society of Africanist Archaeologists, Calgary, Canada.
- 2012. *Early modern human adaptations to montane environments: a view from Melikane Rockshelter, Lesotho.* Presented at the 2nd Interdisciplinary Forum on Human Origins: Behaviour, Environment and Technology (HOBET) conference, Department of Archaeology, Classics and Egyptology, University of Liverpool.
- 2010. *Follow the Senqu: afromontane foragers in late Pleistocene Lesotho.* Presented at ‘Africa from MIS 6-2: Population Dynamics and Paleoenvironments’, McDonald Institute for Archaeological Research, University of Cambridge.
- 2010. *Crossroads in an arid landscape during MIS 6-2.* Presented at ‘Africa from MIS 6-2: Population Dynamics and Paleoenvironments’, McDonald Institute for Archaeological Research, University of Cambridge [presenter: G.I. Dewar].
- 2010. *Afmontane foragers in late Pleistocene Lesotho: recent work at Melikane and Sehonghong Rockshelters.* Presented at the 13th Congress of the PanAfrican Archaeological Association for Prehistory and Related Studies, session on ‘Late Pleistocene Life-ways’, Dakar, Senegal [presenter: G.I. Dewar].

- 2008. *New excavations at Melikane Rock Shelter, Lesotho: project overview and preliminary observations*. Presented at the 5th African Archaeology Research Day, Department of Archaeology, University of York.
- 2008. *They put the things' bones nicely aside, whilst they do not throw them about: bovid bone refuse structure at Dunefield Midden*. Presented at the South African Archaeological Association biennial conference, Cape Town, South Africa.
- 2007. *They put the things' bones nicely aside, whilst they do not throw them about: bovid bone refuse structure at Dunefield Midden*. Presented at the 4th African Archaeology Research Day, St. Hugh's College, University of Oxford.
- 2006. *Refitting repasts: a spatial exploration of food processing, sharing, and disposal at the Dunefield Midden campsite, South Africa*. Presented at the 12th Annual Meeting of the European Association of Archaeologists, Cracow, Poland.
- 2006. *Cooking, cleaning and recycling: domestic spatial patterns in ceramics, tortoiseshell bowls and ostrich eggshell flasks at the Dunefield Midden campsite, South Africa*. Presented at the 18th Biennial Meeting of the Society of Africanist Archaeologists, Calgary, Canada.
- 2005. *Charring patterns on reconstructed ceramics from Dunefield Midden: implications for Khoekhoe vessel form and function*. Presented at the 12th Congress of the PanAfrican Archaeological Association for Prehistory and Related Studies, Gaborone, Botswana.
- 2005. *Quantifying and correcting for the impacts of post-depositional processes on bone surface modification frequencies: case studies from one late Holocene and three Pleistocene fossil assemblages*. Poster presented at the 5th International Bone Diagenesis Meeting, Cape Town, South Africa [with J.C. Thompson].
- 2004. *The ceramics at Dunefield Midden refitted*. Presented at the South African Archaeological Association biennial conference, Kimberely, South Africa.

Invited lectures:

- 2013. *Aridity, altitude and aptitude: marginal environments as windows on the evolution of cultural complexity*. Presented at the University of Michigan Museum of Anthropology Brown Bag Series, Museum of Anthropology, University of Michigan.
- 2012. *Cutting their teeth: did African moderns master 'hard habitats' before leaving the continent?* Presented at the Weekly Archaeology Seminar, Department of Anthropology, University of Toronto.
- 2012. *Aptitude at altitude: becoming 'modern' in the face of ecological stress*. Presented at the Harvard Archaeology Program Seminar Series, Department of Anthropology, Harvard University.
- 2012. *Flexibility as 'modernity' in later Pleistocene Africa*. Presented at the 2012 Anthropology Day, Department of Anthropology, Harvard University.
- 2012. *Between desert, mountain and sea: late Pleistocene populations and climate fluctuations in southernmost Africa*. Presented at 'Palaeolithic Populations: Coping with the Environmental Challenges of the Pleistocene' weekend course, Department of Continuing Education, University of Oxford [<http://www.conted.ox.ac.uk/courses/details.php?id=V400-145>].
- 2011. *Cutting their teeth: did African moderns master 'hard habitats' before leaving the continent?* Presented at the African People and Places Seminar Series, Institute of Archaeology, University College London.
- 2011. *Did African moderns master 'hard habitats' before leaving the continent? A perspective from the south*. Presented at the PalQuat Seminar Series, Institute of Archaeology, University of Oxford

- 2011. *Afromontane foragers in late Pleistocene Lesotho: recent work at Melikane Rockshelter*. Presented at the African Archaeology Group John Alexander Seminar Series, McDonald Institute for Archaeological Research, University of Cambridge.
- 2010. *The tortoise and the ostrich egg: projecting the home base hypothesis into the 21st century*. Presented to the Palaeolithic-Mesolithic Discussion Group, Department of Archaeology, University of Cambridge.
- 2010. *Adaptations to marginal environments in the Middle Stone Age*. Presented to the Department of Archaeology Lunchtime Seminar, University of Cape Town [presenter: G.I. Dewar].
- 2009. *Ongoing excavations at Middle Stone Age rock shelters in highland Lesotho, southern Africa*. Presented to the Cambridge Archaeology Field Group, Cambridge University's Museum of Archaeology and Anthropology.
- 2009. *Digging the high life: new excavations at Melikane Rock Shelter, Lesotho*. Presented at the McDonald Institute Lunchtime Seminar, University of Cambridge.
- 2009. *Life on the edge: late Quaternary archaeology in the Lesotho Highlands*. Presented to the Cambridge Archaeology Field Group, University of Cambridge.
- 2008. *No really, who were the strandlopers? A perspective on hunting and herding from a Later Stone Age coastal campsite, South Africa*. Presented at the McDonald Institute Lunchtime Seminar, University of Cambridge.
- 2008. *Bovid bone refuse structure at a southern African Later Stone Age campsite*. Presented to the Palaeolithic-Mesolithic Discussion Group, Department of Archaeology, University of Cambridge.
- 2008. *Hunting, herding and sharing on the west coast of South Africa*. Presented at the Sainsbury Seminar Series, University of East Anglia.

Conference and symposia organization

- 2013. Co-organizer (with G.I. Dewar) of *Beyond Blombos: Adaptive Diversity in the Southern African Middle Stone Age* symposium, Society for American Archaeology Annual Conference, Honolulu, Hawaii.
- 2010. Co-organizer (with S. Jones) of the international conference *Africa from MIS 6-2: Population Dynamics and Paleoenvironments*, held at the McDonald Institute for Archaeological Research, 2-4 June 2010 (<http://www.mcdonald.cam.ac.uk/events>)

Teaching

- 2013-present University of Michigan Anthropology B.A. and Archaeology Ph.D.
- Anthropological Archaeology 383, undergraduate course, *African Prehistory* (coordinator and instructor)
 - Dissertation Committee Member: Christina Perry Sampson
- 2012-present Harvard University Anthropology B.A. and Archaeology Ph.D.
- Anthropology 2250a, graduate proseminar, *The Archaeology of Small-Scale Societies* (co-coordinator and instructor)
 - Anthropology 2036, graduate course, *Cornerstones: Lithics in Evolutionary Contexts* (coordinator and instructor)

- Anthropology 1035, undergraduate course, *Topics in Paleolithic Archaeology and Paleoanthropology* (coordinator and instructor)

2007-2012 University of Cambridge Archaeology & Anthropology B.A.

- Year 3 Honors theses (supervisor)
- Years 2, 3 & MPhil advanced course, *Topics in Palaeolithic Archaeology* (co-coordinator and lecturer)
- Years 2, 3 & MPhil optional course, *Palaeolithic of the Old World* (coordinator, lecturer and tutor)
- Years 2 & 3 optional course, *Late Prehistoric and Historical Archaeology of Sub-Saharan Africa* (lecturer)
- Year 1 core course, *The Development of Human Societies* (tutor)

2005-2007 University of Oxford Archaeology & Anthropology and Human Sciences B.A.

- Years 2 & 3 optional course, *The Archaeology of Southern African Hunter-gatherers* (lecturer and tutor)
- Years 2 & 3 core course, *Landscape, Ecology and Human Evolution* (lecturer and tutor)
- Year 1 core course, *Nature of Archaeological Enquiry* (lecturer and tutor)
- Year 1 core course, *Approaches to Human Evolution* (lecturer and tutor)
- Year 1 core course, *Introduction to World Prehistory* (lecturer and tutor)

Professional service:

2014-present	BSB Building Consultation Committee, Museum of Anth. Archaeology (Michigan)	Member
2014-present	KE EMu Committee, Museum of Anth. Archaeology (Michigan)	Member
2009-2012	Academic Affairs Committee, Homerton College (Cambridge)	Member
2007-2012	African Archaeology Group, McDonald Institute (Cambridge)	Co-director
2009-2010	Charter Book Committee, Homerton College (Cambridge)	Member, author
2008	Garrod Seminar Series, McDonald Institute (Cambridge)	Co-organizer

Membership of Professional Organizations

- Society for American Archaeology
- The Paleoanthropology Society
- European Society for the study of Human Evolution
- Association of Southern African Professional Archaeologists
- South African Archaeological Society
- Society of Africanist Archaeologists
- The Prehistoric Society

Editor/referee

Editor

- Cambridge Monographs in African Archaeology (British Archaeological Reports)
- Springer Vertebrate Paleobiology and Paleoanthropology (VERT) series (volume editor)

Referee

- Azania: Archaeological Research in Africa
- Cambridge Archaeological Journal
- Journal of African Archaeology
- Journal of Archaeological Science
- Springer Vertebrate Paleobiology and Paleoanthropology (VERT) series
- Quaternary International

Outreach/media

- 2013 Popular Archaeology Magazine: ‘Archaeologists Explore Adaptability of Early Modern Humans in South Africa’
(<http://popular-archaeology.com/issue/march-2013/article/archaeologists-explore-adaptability-of-early-modern-humans-in-south-africa>)
- 2012 Spotlight on Cambridge Research: ‘The Worlds Oldest Decorated Eggs’
(<http://www.cam.ac.uk/research/news/egg-cetera-6-hunting-for-the-world%E2%80%99s-oldest-decorated-eggs>)
- 2011 PBS NewsHour: ‘Scientists Turn Ph.D. Research Into Dance’
(<http://www.pbs.org/newshour/rundown/it-all-began-with-a-2/>)
- 2008 Science Magazine: ‘Can Scientists Dance?’
(<http://www.sciencemag.org/content/319/5865/905.2.full>)
- 2008 New York Times: ‘Dancing Dissertations’
(http://tierneylab.blogs.nytimes.com/2008/02/14/dancing-dissertations/?_php=true&_type=blogs&_r=0)
- 2008 The Telegraph: ‘Doctoral Prance Shows Scientists Can Dance’
(<http://www.telegraph.co.uk/science/science-news/3325425/Doctoral-prance-shows-scientists-can-dance.html>)
- 2008 Discovery Magazine: ‘The Man Who Went Up a Hill and Came Down a Pyramid’ (comment)
(<http://discovermagazine.com/2008/nov/22-the-man-who-went-up-a-hill-and-came-down-a-pyramid/#.UxCoTvRdV0Q>)

Software Proficiency

Microsoft Word, Excel, Access, PowerPoint, Entourage; MapInfo Professional, ArcGIS; FileMaker Pro; EndNote; Bookends; Sente; Mellel; iWeb; Keynote; Adobe Photoshop, Illustrator, InDesign; Macromedia Freehand; CorelDRAW