

# CURRICULUM VITAE

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

Department of Anthropology &  
Museum of Anthropological Archaeology  
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### ***Research interests***

Human-environment interactions; later Pleistocene biocultural adaptations; evolution of adaptive flexibility; archaeology of high mountain systems; hunter-gatherer social connectivity; lithic & ceramic technologies; paleoenvironmental reconstruction; integration of cave & landscape archaeology; domestic & landscape spatial archaeology; hunter-gatherer site & assemblage formation; ancient Africa

### ***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)

### ***Employment***

2013–present	Department of Anthropology & Museum of Anthropological Archaeology University of Michigan	<b>Associate Professor &amp; Curator of African Archaeology</b>
2013–present	African Studies Center, University of Michigan	<b>Faculty</b>
2014–present	Rock Art Research Institute, University of the Witwatersrand	<b>Honorary Research Fellow</b>
2016–2017	Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters, University of Tübingen	<b>Visiting Professor</b>
2012–2013	Department of Anthropology, Harvard University	<b>Lecturer</b>
2010–2012	McDonald Institute for Archaeological Research, University of Cambridge	<b>Postdoctoral Research Fellow</b>
2008–2012	Homerton College, University of Cambridge	<b>Junior Research Fellow</b>
2002	U.S. Dept. of Agriculture Forest Service San Bernardino National Forest, CA	<b>Contract archaeologist</b>

2001–2002	Greenhouse Consultants Inc. NYC	<b>Contract archaeologist</b>
2000	UVM Consulting Archaeology Program	<b>Contract archaeologist</b>

**Publications** (\*indicates peer-reviewed)

*Books & edited volumes:*

- \* **Stewart, B.A.** *In Press. Space, Food & Magic: The Coastal Hunter-Herders of Dunefield Midden (South Africa).* UCLA Cotsen Institute of Archaeological Research Press, Low Angeles.
- \* Jones S., **Stewart, B.A.** 2016. (Eds.) *Africa from MIS 6–2: Population Dynamics and Paleoenvironments.* Springer, Dordrecht.

*Articles & book chapters:*

- \* Pazan, K.R. **Stewart, B.A.**, Dewar, G. *In Press.* Early LGM environments accelerated the Middle-Later Stone Age transition in highland southern Africa. *Journal of Paleolithic Archaeology.*
- \* Mitchell, P.J., **Stewart, B.A.** *In Press.* Enveloping oneself in others: semiotic, spatial, and temporal dimensions of ostrich eggshell bead use in southern Africa. In: A. Nowell, B. Collins (Eds.). *Culturing the Body: Prehistoric Perspectives on Identity and Sociality.* Berghahn: New York.
- \* Carr, A.S., Chase, B.M., Birkinshaw, S.J., Rabumbulu, M., Holmes, P.J., **Stewart, B.A.** 2023. Paleolakes and socioecological implications of glacial “greening” of the South African interior. *Proceedings of the National Academy of Sciences* 120 (21) e2221082120.
- \* Patalano, R., Arthur, C., Carleton, C., Challis, S., Dewar, G. Gayantha, K., Ilgner, J., Lucas, M., Marzo, S., Mitchell, P., Mokhachane, R., Pazan, K.R., Spurite, D., Morley, M., Parker, A., Mitchell, P. **Stewart, B.A.** and Roberts, P. 2023. Late Pleistocene-to-Holocene ecological change and hunter-gatherer adaptations in Lesotho, southern Africa. *Communications Earth & Environment* 4: 129 (2023).
- Challis, S., **Stewart, B.A.**, Knight, J. 2022. Past environments and human lifeways of Lesotho and the wider Maloti-Drakensberg region of southern Africa. *Quaternary International* 611–612: 25–28.
- \* Pazan, K.R., Dewar, G., **Stewart, B.A.** 2022. The MIS 5a (~80 ka) Middle Stone Age lithic assemblages from Melikane Rockshelter, highland Lesotho. *Quaternary International* 611–612: 115–133.
- \* Zhao, Y., Zhou, J., Chen, F., Wang, X., Ge, J., Gao, X., **Stewart, B.A.**, Li, F. 2021. Lithic technological responses to environmental change during the penultimate glacial cycle (MIS 7–6) at the Yangshang site, western Chinese Loess Plateau. *Quaternary Research* 103: 148–159.
- \* **Stewart, B.A.**, Zhao, Y., Mitchell, P.J., Dewar, I., Gleason, J., Blum, J. 2020. Ostrich eggshell bead strontium isotopes reveal persistent macroscale social networking across late Quaternary southern Africa. *Proceedings of the National Academy of Sciences* 117: 6453–6462.
- \* Pargeter, J., Loftus, E., Mackay, A., **Stewart, B.A.**, Mitchell, P.J. 2019. Late Pleistocene human occupation in the Maloti-Drakensberg region of southern Africa: new radiocarbon dates from Rose Cottage Cave and inter-site comparisons. *Journal of Anthropological Archaeology* 56: 101117
- \* **Stewart, B.A.** 2019. Comment on R. Haas & S.L. Kuhn’s ‘Forager mobility in constructed environments’. *Current Anthropology* 60: 499–535.

- \* **Stewart, B.A.**, Mitchell, P.J. 2018. Late Quaternary palaeoclimates and human-environment dynamics of the Maloti-Drakensberg region, southern Africa. *Quaternary Science Reviews* 196: 1–20.
- \* **Stewart, B.A.**, Mitchell, P.J. 2018. Beyond the shadow of a desert: aquatic resource intensification on the roof of southern Africa. In: Lemke, A., (Ed.), *Foraging in the Past: Archaeological Studies of Hunter-Gatherer Diversity*, pp. 159–208. University Press of Colorado, Boulder.
- \* Roberts, P., **Stewart, B.A.** 2018. Defining the ‘generalist-specialist’ niche for Pleistocene *Homo sapiens*. *Nature Human Behavior* 2: 542–550.
- \* Pargeter, J., Loftus, E., Mackay, A., Mitchell, P.J., **Stewart, B.A.** 2018. New ages from Boomplaas Cave, South Africa, provide increased resolution on late/terminal Pleistocene human behavioural variability. *Azania: Archaeological Research in Africa* 53: 156–184.
- \* Dewar, G., **Stewart, B.A.** 2017. Early maritime desert dwellers in Namaqualand, South Africa: a Holocene perspective on Pleistocene peopling. *Journal of Island and Coastal Archaeology* 12: 44–64.
- \* **Stewart, B.A.**, Jones, S. 2016. Africa from MIS 6–2: the florescence of modern humans. In: Jones, S., Stewart, B.A. (Eds.), *Africa from MIS 6-2: Population Dynamics and Paleoenvironments*, pp. 1–20. Springer, Dordrecht.
- \* Dewar, G.I., **Stewart, B.A.** 2016. Paleoenvironments, sea levels and land use in Namaqualand, South Africa, during MIS 6–2. In: Jones, S., Stewart, B.A., (Eds.), *Africa from MIS 6–2: Population Dynamics and Paleoenvironments*, pp. 195–212. Springer, Dordrecht.
- \* **Stewart, B.A.**, Parker, A.G., Dewar, G.I., Morley, M., Allott, L. 2016. Follow the Senqu: Maloti-Drakensberg paleoenvironments and implications for early human dispersals into mountain systems. In: Jones, S., Stewart, B.A. (Eds.), *Africa from MIS 6–2: Population Dynamics and Paleoenvironments*, pp. 247–271. Springer, Dordrecht.
- \* Pargeter, J., Mackay, A. Mitchell, P., Shea, J., **Stewart, B.A.** 2016. Primordialism and the ‘Pleistocene San’ of southern Africa. *Antiquity* 90: 1072–1079.
- \* Pargeter, J., Mackay, A. Mitchell, P., Shea, J., **Stewart, B.A.** 2016. Primordialism and the ‘Pleistocene San’ of southern Africa: a final reply. *Antiquity* 90: 1087–1089.
- \* Loftus, E., **Stewart, B.A.**, Dewar, G., Lee-Thorp, J. 2015. Stable isotope evidence of MIS 3 to middle Holocene palaeoenvironments from Sehonghong, eastern Lesotho. *Journal of Quaternary Science* 30: 805–816.
- \* Marks, S.J., Montinaro, F., Levy, H., Brisighelli, F., Ferri, G., Bertocini, S., Batini, C., Busby, G.B.J., Arthur, C., Mitchell, P., **Stewart, B.A.**, Oosthuizen, O., Oosthuizen, E., D’Amato, M.E., Davison, S., Pascali, V., Capelli, C. 2014. Static and moving frontiers: the genetic landscape of southern African Bantu-speaking populations. *Molecular Biology and Evolution* 32: 29–43.
- \* Mackay, A., **Stewart, B.A.**, Chase, B.M. 2014. Coalescence and fragmentation in the late Pleistocene archaeology of southernmost Africa. *Journal of Human Evolution* 72: 26–51.
- **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 21<sup>st</sup> 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* (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.

*In review & in preparation:*

- **Stewart, B.A.**, Challis, S. *In Review*. Becoming elands’ people: Neoglacial subsistence and spiritual transformations in the Maloti-Drakensberg Mountains, southern Africa. *Transactions of the Royal Society of South Africa*.
- **Stewart, B.A.**, Challis, S. *In Prep*. Tapping the water tower: southern Africa mountains as deep-time reservoirs of rain, potency and heritage. [For submission to *The Oxford Handbook of Mountain Archaeology*, Oxford University Press, Oxford].
- Zhao, Y., **Stewart, B.A.** *In Prep*. The archaeology of human permanency on the Tibetan Plateau: a critical review and assessment of current models. [For submission to *World Archaeology*].
- **Stewart, B.A.**, Rademaker, K. *In Prep*. *The Human Odyssey in Earth’s High Places*. [2<sup>nd</sup> BOOK PROJECT].

*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>)

**Current projects**

- Adaptations to Marginal Environments in the Middle Stone Age (Project AMEMSA) (<http://sites.lsa.umich.edu/brianstewart/research/>)
- Tracing the Evolution of Social Networks using Isotope and Rare Earth Geochemistry (<http://mcubed.umich.edu/projects/using-isotope-geochemistry-chart-evolution-long-distance-social-networks>)
- Karoo Pans Palaeohydrology Prehistory (KP3) project (<https://www.researchgate.net/project/Karoo-Pans-Palaeohydrology-Prehistory-KP3-project>)
- SPANning the Atlantic: Human Palaeodemography in Southern Hemisphere Drylands (<https://www.researchgate.net/project/The-Leverhulme-Trust-International-Network-Grant-SPANning-the-Atlantic-Human-Palaeodemography-in-Southern-Hemisphere-Drylands-2016-a-2018>)
- Redating the Southern African Middle to Later Stone Age Transition (<https://www.researchgate.net/project/Redating-the-southern-African-Middle-to-Later-Stone-Age-transition>)
- Mapping Ancient Africa: Climate, Vegetation & Humans (INQUA PALCOM/HABCOM Focus Group) (<https://ecologyofthepast.info/mapping-ancient-africa/>)
- Creating the 'Qing-Orpen Ecomuseum', a sustainable heritage venture in highland Lesotho
- Matatiele Archaeology Rock Art (Project MARA) (<https://www.researchgate.net/project/Matatiele-Archaeology-and-Rock-Art-MARA-programme>)
- Later Stone Age Spatial, Subsistence and Social Organization at Dunefield Midden, South Africa

### ***Grants, Scholarships & Prizes***

2021	Wenner-Gren Foundation	<b>Dissertation Fieldwork Grant</b> , James Munene (as PI; \$20,000)
2021	National Science Foundation	<b>Doctoral Dissertation Research Improvement Grant</b> , Yuchao Zhao (as PI; \$24,903)
2021	Leakey Foundation	<b>Research Grant</b> , James Munene (as PI; \$15,000)
2021	Leakey Foundation	<b>Francis H. Brown African Scholarship</b> , James Munene (as PI; \$10,000)
2019	British Museum	<b>Endangered Material Knowledge Program Grant</b> , James Munene (as PI; \$20,675)
2018	National Science Foundation	<b>Doctoral Dissertation Research Improvement Grant</b> , Briana Doering (as PI; \$24,605)
2018	Wenner-Gren Foundation	<b>Dissertation Fieldwork Grant</b> , Briana Doering (as PI; \$11,100)
2017	Wenner-Gren Foundation	<b>Wadsworth International Fellowship</b> , James Munene (as PI; \$17,500)
2017	National Science Foundation	<b>Senior Research Grant</b> (as PI; \$192,000)
2017	National Geographic Society	<b>Committee for Research and Exploration Grant</b> (as co-PI; \$21,982)
2017	U-M African Studies Center	<b>African Heritage Initiative Seed Grant</b> (as PI; \$9,170)
2016	Leverhulme Trust	<b>International Network Grant</b> (as co-PI; \$178,500)
2015	University of Michigan	<b>Mini Cube Research Grant</b> (as PI; \$15,000)
2015	Social Sciences & Humanities Research Council of Canada (SSHRC)	<b>Research Grant</b> (as co-PI; \$185,000)
2012	Prehistoric Society	<b>Research Grant</b> (as PI; \$811) & <b>Robert Smith Award</b> (prize: \$500)

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

### *Fieldwork experience*

2022	Univ. of Michigan/Toronto/Griffiths excavation, Ha Soloja Rockshelter, Qachas Nek District, Lesotho	<b>Director</b>
2018	Institute for Field Research (IFR) Fieldschool, Spitzkloof Rockshelter B, Namaqualand, SA	<b>Director</b>
2017	Institute for Field Research (IFR) Fieldschool, Spitzkloof Rockshelter B, Namaqualand, SA	<b>Director</b>
2017	National Geographic Society expedition: 'Karoo Pans Palaeohydrology Prehistory project'	<b>Senior Archaeologist</b>
2015	Institute for Field Research (IFR) Fieldschool, Sehonghong Rockshelter, Lesotho	<b>Director</b>
2014	Institute for Field Research (IFR) Fieldschool, Spitzkloof Rockshelter B, Namaqualand, SA	<b>Director</b>
2013	Institute for Field Research (IFR) Fieldschool, Spitzkloof Rockshelter B, Namaqualand, SA	<b>Director</b>
2012	Institute for Field Research (IFR) Fieldschool,	<b>Director</b>

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

### ***Presentations***

#### *Professional conferences:*

- 2022. *Shrouded in 'freezingly cold mist': multi-domain human responses to stadial-phase cooling in highland Lesotho, southern Africa*. Southern African Mountain Conference, Cathedral Peak, South Africa.

- 2021. *Shrouded in 'freezingly cold mist': multi-domain human responses to Last Glacial Maximum cooling in highland Lesotho, southern Africa*. The International Union of Prehistoric and Protohistoric Sciences World Congress, Meknès, Morocco (online).
- 2020. *Revisiting the palaeohydrology of the Nama Karoo: new age constraints on Pleistocene palaeo-lakes in the South African interior*. Early *Homo Sapiens* Environments between Karoo and Kalahari, online workshop.
- 2019. *Social network mapping in southern African highlands and drylands using strontium isotope geochemistry*. International Union for Quaternary Research (INQUA) Biennial Congress, Dublin, Ireland.
- 2019. *Revisiting the palaeohydrology of the Nama Karoo: Pleistocene palaeo-lakes in the South African interior*. International Union for Quaternary Research (INQUA) Biennial Congress, Dublin, Ireland [presenter: A. Carr].
- 2019. *Foragers, herders and harvesters: modeling shifts in Late Holocene subsistence strategies on South Africa's west coast*. Society for American Archaeology Annual Conference, Albuquerque NM, USA [presenter: G. Dewar]
- 2019. *Charting late Pleistocene social networking in southern Africa using strontium isotope geochemistry*. Society for American Archaeology Annual Conference, Albuquerque, NM, USA.
- 2018. *What happened in the interior? Palaeohydrology and the archaeological record of the Nama Karoo, South Africa*. African Quaternary (AFQUA) International Conference, Nairobi, Kenya [presenter: A. Carr].
- 2018. *On the trail of Homo through Earth's high mountains and plateaus*. Society for American Archaeology Annual Conference, Washington D.C., USA.
- 2018. *Tracing late Quaternary highland-dryland social connectivity in southern Africa with ostrich eggshell beads: preliminary results from strontium isotopes*. Society for American Archaeology Annual Conference, Washington D.C., USA [presenter: Y. Zhao].
- 2018. *Tracing late Quaternary highland-dryland social connectivity in southern Africa using heavy isotope geochemistry*. The International Union of Prehistoric and Protohistoric Sciences World Congress, Paris, France
- 2017. *The dryland-highland interface in human history: a comparative perspective for southern Africa and South America's southern cone*. SPANning the Atlantic: Human Palaeodemography in Southern Hemisphere Drylands Conference II, Santiago, Chile.
- 2016. *Footprints in sand and snow: Late Pleistocene population flux in inland Namaqualand and highland Lesotho*. SPANning the Atlantic: Human Palaeodemography in Southern Hemisphere Drylands Conference I, Okiep, South Africa.
- 2016. *The human (de/re)colonization of landscapes: southern Africa*. SPANning the Atlantic: Human Palaeodemography in Southern Hemisphere Drylands Conference, Okiep, South Africa.
- 2015. *Beyond the shadow of a desert: illuminating southern Africa's foraging spectra*. Society for American Archaeology Annual Conference, San Francisco CA, USA.
- 2014. *Paleoenvironments, sea levels and land use in Namaqualand, South Africa, during MIS 6-2*. 4<sup>th</sup> Southern Deserts Conference, Mendoza, Argentina
- 2014. *Near the headwaters: the significance and sensitivity of highland Lesotho's Stone Age archives*. Lesotho Dams and Cultural Heritage Workshop, Maseru, Lesotho.



- 2014. *Explaining intraregional assemblage variability in southern Africa during MIS 2. Different strokes or different folks?* Presented at the 14<sup>th</sup> Congress of the PanAfrican Archaeological Association for Prehistory and Related Studies, Johannesburg, South Africa.
- 2014. *Take me to the river: the Orange-Senqu corridor and Late Pleistocene population dynamics in inland southern Africa.* Presented at the 23<sup>rd</sup> 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 HI, USA [presenter: G.I. Dewar].
- 2013. *Aptitude at altitude: flexibility as “modernity” in later Pleistocene highland Lesotho.* Society for American Archaeology Annual Conference, Honolulu HI, USA.
- 2012. *The Pleistocene colonization and exploitation of the Maloti-Drakensberg: a view from Melikane Rockshelter, Lesotho.* Presented at the 21<sup>st</sup> 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 2<sup>nd</sup> 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 13<sup>th</sup> 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 5<sup>th</sup> 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 4<sup>th</sup> 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 12<sup>th</sup> 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 18<sup>th</sup> 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 12<sup>th</sup> 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 5<sup>th</sup> 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:*

- 2022. *The evolution of behavioral plasticity in Lesotho's Maloti-Drakensberg Mountains, southern Africa*. James B. Petersen Annual Lecture, Department of Anthropology, University of Vermont, USA.
- 2022. *Becoming elands' people: Neoglacial subsistence and spiritual transformations in the Maloti-Drakensberg Mountains, southern Africa*. Anthropology Working Papers Series, Department of Anthropology, Michigan State University, USA.
- 2021. *Charting the evolution of behavioral plasticity in Lesotho's Maloti-Drakensberg Mountains, southern Africa*. Prehistoric Archaeology Seminar, Department of Archaeology, Hebrew University, Israel.
- 2019. *Exploring the evolution of behavioral plasticity in Lesotho's Maloti-Drakensberg Mountains, southern Africa*. Quaternary, Prehistory and Archeology Seminar Series, Department of Humanistic Studies, University of Ferrara, Italy.
- 2018. *Beyond the shadow of a desert: human behavioral plasticity in Late Pleistocene Lesotho*. School of Archaeology, Geography and Environmental Studies, University of the Witwatersrand, South Africa.
- 2016. *Paleoenvironments, sea levels and early desert dwellers in Namaqualand, South Africa, during MIS 4-2*. Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters, University of Tübingen, Germany.
- 2016. *Adaptations to Marginal Environments in the Middle Stone Age: A Project Introduction*. Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters, University of Tübingen, Germany.
- 2015. *Primordialism and the 'Pleistocene San' of southern Africa*. African History and Anthropology Workshop (AHAW), University of Michigan.
- 2015. *Late Pleistocene population dynamics at the roof of southern Africa*. Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters, University of Tübingen, Germany.
- 2015. *Late Pleistocene paleoenvironments, population flux and pointed artifacts at the roof of southern Africa*. Paleobiology Seminar Series, Department of Anthropology, SUNY Stonybrook University.
- 2013. *Aridity, altitude and aptitude: marginal environments as windows on the evolution of cultural complexity*. 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?* Weekly Archaeology Seminar, Department of Anthropology, University of Toronto.
- 2012. *Aptitude at altitude: becoming 'modern' in the face of ecological stress*. Harvard Archaeology Program Seminar Series, Department of Anthropology, Harvard University.

- 2012. *Flexibility as 'modernity' in later Pleistocene Africa*. Harvard Anthropology Day 2012, Department of Anthropology, Harvard University.
- 2012. *Between desert, mountain and sea: late Pleistocene populations and climate fluctuations in southernmost Africa*. Weekend course 'Palaeolithic Populations: Coping with the Environmental Challenges of the Pleistocene' Department of Continuing Education, University of Oxford.
- 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 21<sup>st</sup> 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 & symposia organization**

- 2022. Co-organizer (with R. Beck, T. Fryer, M. Galaty, R. Garvey, H. Hoover, A. Ventresca-Miller): *UMMAA at 100: Michigan's Mark – Past, Present and Future* international conference, Rackham Building, University of Michigan, USA.
- 2021. Co-organizer (with E. Ndiema, R. Gallotti): *Mountain Africa: Prehistoric Peoples and Palaeoenvironments* symposium, UISPP XIX World Congress, Meknès, Morocco.
- 2019. Co-organizer (with K. Rademaker): *Life on the Ledge: Human-Environment Dynamics in Earth's High Mountains and Plateaus* symposium, 20<sup>th</sup> INQUA Congress, Dublin, Ireland.

- 2018. Co-organizer (with K. Rademaker): *The Human Odyssey in Earth's High Mountains and Plateaus* symposium, Society for American Archaeology 83<sup>rd</sup> Annual Meeting, Washington D.C.
- 2014. Participant: University of Michigan African Heritage Initiative (AHI) Workshop on Archaeology and Heritage in Ghana, Accra, Ghana.
- 2013. Co-organizer (with G. Dewar): *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): *Africa from MIS 6-2: Population Dynamics and Paleoenvironments* international conference, McDonald Institute for Archaeological Research, University of Cambridge, UK.

## Teaching

- 2013-present      **University of Michigan**      Anthropology B.A. & Anth. Archaeology Ph.D.
- Anthrarc 383, undergraduate course, *African Prehistory* (coordinator & instructor)
  - Anthrarc 385, undergraduate course, *Early Humans* (coordinator & instructor)
  - Anthrarc 482, graduate course, *The Archaeology of Risk & Resilience* (coordinator & instructor)
  - Anthrarc 581, graduate core seminar, *Archaeology I* (coordinator & instructor)
  - Anthrarc 956, graduate course, *Responsible Conduct of Research and Scholarship* (co- instructor)
  - Diss. Committee Chair: Angela Feak, James Munene, Yuchao Zhao
  - Diss. Committee Member: Martin Menz, Alexandra Norwood, Kimberly Swisher
  - PhDs Completed: Briana Doering (2020), Kyra Pazan (2022) Christina Sampson (2019)
- 2012-present      **Harvard University**      Anthropology B.A. & Archaeology Ph.D.
- Anthropology 2250a, graduate proseminar, *The Archaeology of Small-Scale Societies* (co-coordinator & instructor)
  - Anthropology 2036, graduate course, *Cornerstones: Lithics in Evolutionary Contexts* (coordinator & instructor)
  - Anthropology 1035, undergraduate course, *Topics in Paleolithic Archaeology and Paleoanthropology* (coordinator & 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 & lecturer)
  - Years 2, 3 & MPhil optional course, *Palaeolithic of the Old World* (coordinator, lecturer & 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, & Human Sciences B.A.
- Years 2 & 3 optional course, *The Archaeology of Southern African Hunter-gatherers* (lecturer & tutor)
  - Years 2 & 3 core course, *Landscape, Ecology and Human Evolution* (lecturer & tutor)
  - Year 1 core course, *Nature of Archaeological Enquiry* (lecturer & tutor)
  - Year 1 core course, *Approaches to Human Evolution* (lecturer & tutor)
  - Year 1 core course, *Introduction to World Prehistory* (lecturer & tutor)

## Fieldschools

- 2012-2019      **Institute of Field Research**      Spitzkloof & Sehonghong Field Schools
- Director, accredited archaeological fieldschools at Spitzkloof Rockshelter (South Africa) & Sehonghong Rockshelter (Lesotho)

## Professional service

2022–present	Director of Social Justice Initiatives & Faculty Diversity Ally U-M Dept. of Anthropology	Director
2021–present	Collective Action Committee (CAC), U-M Dept. of Anthropology	Member
2021–present	Graduate Student Preliminary Exams, U-M Museum of Anthropological Archaeology	Convener
2021–2022	Curriculum Committee, U-M Dept. of Anthropology	Member
2020–present	Society of Africanist Archeologists (SAfA)	Treasurer
2020–present	Ad Hoc Committee on Graduate Curriculum, U-M Museum of Anthropological Archaeology	Member
2020–present	Undergraduate Diversity and Recruitment Working Group, U-M Museum of Anthropological Archaeology	Member
2020–present	Social Media Working Group, U-M Museum of Anthropological Archaeology	Member
2018–present	International Union of Prehistoric and Protohistoric Sciences (UISPP) ‘Human Occupation of Mountain Environments’ Commission	Member
2018–present	Executive Committee, U-M Museum of Anthropological Archaeology	Member
2017–present	Diversity, Equity and Inclusion Committee, U-M Dept. of Anthropology	Member
2017–present	U-M Natural History Museum Scientific Advisory Committee	Member
2014–2015	Executive Committee, U-M Dept. of Anthropology	Member
2014–2015	Biological Sciences Building Consultation Committee, U-M Museum of Anthropological Archaeology	Member
2014–2015	KE EMu Committee, U-M Museum of Anthropological Archaeology	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) (2012–present)
- Quaternary International Special Issue: ‘Late Quaternary peoples and palaeoenvironments of Lesotho and the Maloti-Drakensberg’ (2021)
- Springer Vertebrate Paleobiology and Paleoanthropology (VERT) series (volume editor) (2016)

#### Journal Article Referee

- African Archaeological Review
- Antiquity
- Azania: Archaeological Research in Africa
- Cambridge Archaeological Journal
- Current Anthropology
- Environmental Archaeology
- Journal of African Archaeology
- Journal of Anthropological Archaeology

- Journal of Archaeological Science
- Journal of Archaeological Science: Reports
- Journal of Human Evolution
- Journal of Paleolithic Archaeology
- Nature
- Nature Human Behaviour
- PloS ONE
- Philosophical Transactions of the Royal Society B
- Quaternary International
- Quaternary Science Reviews
- Springer Vertebrate Paleobiology and Paleoanthropology (VERT) series
- South African Archaeological Bulletin

#### Book Proposal Referee

- Cambridge University Press

#### Grant Referee

- British Academy
- Leakey Foundation
- National Research Foundation of South Africa (NRF)
- National Science Foundation (NSF)
- Netherlands Organization for Scientific Research (NWO)

#### *Outreach/media*

- 2021 New Scientist: “Survival of the Friendliest? Why Homo Sapiens Outlived Other Humans”  
(<https://www.newscientist.com/article/mg25233625-000-survival-of-the-friendliest-why-homo-sapiens-outlived-other-humans/#ixzz7IQhCT1Nr>)
- 2020 CNN: “Eggshell Beads Made by Hunter-Gatherers 33,000 Years Ago Used as a Social Network”  
(<https://www.cnn.com/2020/03/10/world/ancient-ostrich-eggshell-beads-scn/index.html>)
- NPR Weekend Edition: ‘Ages Ago, Beads Made from Ostrich Eggshells Cemented Friendships Across Vast Distances’  
(<https://www.npr.org/2020/03/14/815778427/ages-ago-beads-made-from-ostrich-eggshells-cemented-friendships-across-vast-dist>)
- Smithsonian Magazine: ‘Humans Have Been Taking Out Insurance Policies for at Least 30,000 Years’  
(<https://www.smithsonianmag.com/science-nature/ostrich-beads-lesotho-social-networks-180974368/>)
- Science News: ‘An Ancient Social Safety Net in Africa Was Built on Beads’  
(<https://www.sciencenews.org/article/hunter-gatherers-stone-age-social-networks-ostrich-eggshell-beads>)
- CBC Radio: ‘30,000 Years Ago, Hunter-Gatherers Didn't Need Facebook — They Had Ostrich Egg Beads’  
(<https://www.cbc.ca/radio/asithappens/as-it-happens-wednesday-edition-1.5493693/30-000-years-ago-hunter-gatherers-didn-t-need-facebook-they-had-ostrich-egg-beads-1.5493697>)
- Michigan News: ‘Stone-Age ‘Likes’: Study Establishes Eggshell Beads Exchanged Over 30,000 Years’  
(<https://news.umich.edu/stone-age-likes-study-establishes-eggshell-beads-exchanged-over-30000-years>)
- MSN: Ostrich Eggshell Beads Were Swapped Like Stone Age Facebook and Twitter Likes 30K Years Ago’  
(<https://www.msn.com/en-us/news/technology/ostrich-eggshell-beads-were-swapped-like-stone-age-facebook-and-twitter-likes-30k-years-ago/ar-BB10ZGgQ>)
- Science Daily: ‘Stone-Age ‘Likes’: Eggshell Beads Exchanged Over 30,000 Years Ago’  
(<https://www.sciencedaily.com/releases/2020/03/200309152101.htm>)
- The Sunday Times: ‘Ostrich Eggshell Beads Were the Social Media of Stone Age Africa’  
(<https://www.thetimes.co.uk>)

The Daily Mail: ‘Our Ancestors Swapped Pieces of Ostrich Eggshell Jewellery 30,000 Years Ago in the Same Way We Trade Facebook and Twitter Likes, or Friendship Bracelets, Experts Claim’  
(<https://www.dailymail.co.uk/sciencetech/article-8092321/Our-ancestors-swapped-eggshell-beads-30-000-years-ago-way-trade-facebook-likes.html>)

The Saturday Star: ‘How Ostrich Eggshells Were Once Used to Seal Relations’  
(<https://www.iol.co.za/saturday-star/news/how-ostrich-eggshells-were-once-used-to-seal-relations-45029682>)

Haaretz: ‘Prehistoric Southern Africans Traded Ostrich Eggshell Beads, Study Shows’  
(<https://www.haaretz.com/archaeology/.premium-prehistoric-southern-africans-traded-ostrich-eggshell-beads-study-shows-1.8657153>)

2019 Discover Magazine: ‘The World is Our Niche’  
(<https://www.discovermagazine.com/planet-earth/the-world-is-our-niche>)

2018 The Telegraph: ‘Homo Sapiens Won Human Race by Adapting to Extreme Climates, Study Shows’  
(<https://www.telegraph.co.uk/science/2018/07/30/homo-sapiens-won-human-race-adapting-extreme-climates-study/>)

Inverse Magazine: ‘Scientists Present New Theory Explaining Why We’re the Only Humans on Earth’  
(<https://www.inverse.com/article/47597-generalist-specialist-homo-sapien-adaption>)

Discover Magazine: ‘The Generalist-Specialist: Why Homo Sapiens Succeeded’  
(<http://blogs.discovermagazine.com/deadthings/2018/07/30/generalist-specialist/#.W2CU4S2mPOQ>)

Science Daily: Homo Sapiens Developed a New Ecological Niche that Separated It from Other Hominins  
(<https://www.sciencedaily.com/releases/2018/07/180730120247.htm>)

2014 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>)

New York Times: ‘Dancing Dissertations’  
([http://tierneylab.blogs.nytimes.com/2008/02/14/dancing-dissertations/?\\_php=true&\\_type=blogs&\\_r=0](http://tierneylab.blogs.nytimes.com/2008/02/14/dancing-dissertations/?_php=true&_type=blogs&_r=0))

The Telegraph: ‘Doctoral Prance Shows Scientists Can Dance’  
(<http://www.telegraph.co.uk/science/science-news/3325425/Doctoral-prance-shows-scientists-can-dance.html>)

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***

Adobe Photoshop, Illustrator, InDesign; ArcGIS, QGIS, Grass, MapInfo Professional; Bacon; Google Earth Pro; FileMaker Pro; Keynote, Pages; Microsoft Word, Excel, Access, PowerPoint; Perusall, KulturCapture; R, SPSS; Bookends, EndNote, Zotero.