

CURRICULUM VITAE

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

Department of Anthropology &
Museum of Anthropological Archaeology
University of Michigan
3010 School of Education Building
601 E. University Ave.
Ann Arbor, MI 48109-1259
USA
bastew@umich.edu
+1 (734) 763-9864

Research interests

Human-environment interactions; later Pleistocene biocultural adaptations; evolution of adaptive flexibility; archaeology of high mountain systems; hunter-gatherer social connectivity; 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	Assistant Professor & Curator of African Archaeology
2013–present	African Studies Center, University of Michigan	Faculty
2014–present	Rock Art Research Institute, University of the Witwatersrand	Honorary Research Fellow
2016–2017	Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters, University of Tübingen	Visiting Professor
2012–2013	Department of Anthropology, Harvard University	Lecturer
2010–2012	McDonald Institute for Archaeological Research, University of Cambridge	Postdoctoral Research Fellow
2008–2012	Homerton College, University of Cambridge	Junior Research Fellow
2002	U.S. Dept. of Agriculture Forest Service San Bernardino National Forest, CA	Contract archaeologist

2001–2002	Greenhouse Consultants Inc. NYC	Contract archaeologist
2000	UVM Consulting Archaeology Program	Contract archaeologist

Publications (*indicates peer-reviewed)

Books & edited volumes:

- **Stewart, B.A.** *In press. A Foraging Nexus: Space, Subsistence and Society at Dunefield Midden.* Routledge, Oxford and New York.
- * Jones S., **Stewart, B.A.** 2016. (Eds.) *Africa from MIS 6–2: Population Dynamics and Paleoenvironments.* Springer, Dordrecht.

Articles & book chapters:

- * 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.
- 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., Bertoncini, 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 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* (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:

- New proxy records of Late Pleistocene to Holocene ecological change and high-altitude human adaptations in Lesotho, southern Africa. *In review*. Patalano, R., Arthur, C., Carleton, C., Challis, S., Gayantha, K., Ilgner, J., Lucas, M., Marzo, S., Mitchell, P., Mokhachane, R., Morely, M., Parker, A., Pazan, K.R., Spurite, D., **Stewart, B.A.** and Roberts, P. [*PNAS*].
- Carr, A.S., Chase, B.M., Birkinshaw, S.J., Holmes, P.J., Rabumbulu, M., Feak, A., **Stewart, B.A.** *In prep.* Paleolakes and socioecological implications of glacial “greening” of the South African interior. [For submission to *Science*].
- Pazan, K.R. Dewar, G., Patalano, R., Roberts, P., Mokhachane, M. and **Stewart, B.A.** *In prep.* Early LGM environments accelerated the MSA-LSA transition in highland southern Africa. [For submission to *Journal of Paleolithic Archaeology*].
- **Stewart, B.A.**, Challis, S. *In prep.* A cosmos compressed: high-altitude subsistence and spiritual transformations in the Maloti-Drakensberg, southern Africa. [For submission to *Journal of Anthropological Archaeology*].
- **Stewart, B.A.**, Rademaker, K. *In prep.* *The Human Odyssey in Earth’s High Places*. [2nd 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	Dissertation Fieldwork Grant , James Munene (as PI; \$20,000)
2021	National Science Foundation	Doctoral Dissertation Research Improvement Grant , Yuchao Zhao (as PI; \$24,903)
2021	Leakey Foundation	Research Grant , James Munene (as PI; \$15,000)
2021	Leakey Foundation	Francis H. Brown African Scholarship , James Munene (as PI; \$10,000)
2019	British Museum	Endangered Material Knowledge Program Grant , James Munene (as PI; \$20,675)
2018	National Science Foundation	Doctoral Dissertation Research Improvement Grant , Briana Doering (as PI; \$24,605)
2018	Wenner-Gren Foundation	Dissertation Fieldwork Grant , Briana Doering (as PI; \$11,100)
2017	Wenner-Gren Foundation	Wadsworth International Fellowship , James Munene (as PI; \$17,500)
2017	National Science Foundation	Senior Research Grant (as PI; \$192,000)
2017	National Geographic Society	Committee for Research and Exploration Grant (as co-PI; \$21,982)
2017	U-M African Studies Center	African Heritage Initiative Seed Grant (as PI; \$9,170)
2016	Leverhulme Trust	International Network Grant (as co-PI; \$178,500)
2015	University of Michigan	Mini Cube Research Grant (as PI; \$15,000)
2015	Social Sciences & Humanities Research Council of Canada (SSHRC)	Research Grant (as co-PI; \$185,000)
2012	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-PI; \$105,570)
2011	University of Cambridge	Smuts Memorial Fund Grant (as PI; \$820)
2010	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	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

2018	Institute for Field Research (IFR) Fieldschool, Spitzkloof Rockshelter B, Namaqualand, SA	Director
2017	Institute for Field Research (IFR) Fieldschool, Spitzkloof Rockshelter B, Namaqualand, SA	Director
2017	National Geographic Society expedition: 'Karoo Pans Palaeohydrology Prehistory project'	Senior Archaeologist
2015	Institute for Field Research (IFR) Fieldschool, Sehonghong Rockshelter, Lesotho	Director
2014	Institute for Field Research (IFR) Fieldschool, Spitzkloof Rockshelter B, Namaqualand, SA	Director
2013	Institute for Field Research (IFR) Fieldschool, Spitzkloof Rockshelter B, Namaqualand, SA	Director
2012	Institute for Field Research (IFR) Fieldschool, 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	Director

Rockshelter, Namaqualand, SA

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

Presentations

Professional conferences:

- 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*. 4th 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 14th 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 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) HABCom 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 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:

- 2021. *Charting the evolution of behavioral plasticity in Lesotho’s Maloti-Drakensberg Mountains, southern Africa*. Prehistoric Archaeology Seminar, Hebrew University, Jerusalem, 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 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 strandloppers? 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

- 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, 20th 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 83rd 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 Palaeoenvironments* conference, McDonald Institute for Archaeological Research, University of Cambridge, UK.

Teaching

2013-present **University of Michigan** Anthropology B.A. & Anth. Archaeology Ph.D.

- Anthrac 383, undergraduate course, *African Prehistory* (coordinator & instructor)
- Anthrac 385, undergraduate course, *Early Humans* (coordinator & instructor)
- Anthrac 482, graduate course, *The Archaeology of Risk & Resilience* (coordinator & instructor)
- Anthrac 581, graduate core seminar, *Archaeology I* (coordinator & instructor)
- Anthrac 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	Rackham Faculty Diversity Ally, U-M Dept. of Anthropology	Ally
2021–present	Collective Action Committee (CAC), U-M Dept. of Anthropology	Member
2021–present	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-scni/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)

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, KalturaCapture; R, SPSS; Bookends, EndNote, Zotero.