

CURRICULUM VITAE
JACKSON K. NJAU

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APPOINTMENTS

- 2017-pres. Associate Professor, Department of Earth & Atmospheric Sciences, Indiana University.
2011-17 Assistant Professor, Department of Geological Sciences, Indiana University.
2011-pres. Research Associate, The Stone Age Institute & CRAFT (Center for Research into the Anthropological Foundations of Technology), Indiana.
2013-pres. Adjunct Faculty, Department of Anthropology, Indiana University.
2012-pres. Affiliate Faculty, African Studies Program, Indiana University.
2009-11 Postdoc, HERC, University of California, Berkeley.
2006-10 Principal Curator, National Museum of Tanzania.
1992-05 Curator of Archaeology, National Museum of Tanzania.

EDUCATION

- 2006 PhD, Rutgers, The State University of New Jersey (Anthropology)
2000 MA, Rutgers, The State University of New Jersey (Anthropology)
2000 Quaternary Studies Cert., Geology & Anthropology, Rutgers University
1992 BA, University of Dar Es Salaam, Tanzania

AWARDS & FELLOWSHIPS

- 2005 Dean's Award for Excellence in Research, Rutgers University
2004 J. Flannagan, Graduate Fellowship, Rutgers University
2003 Wenner-Gren Foundation, Graduate Fellowship
1998-00 Wenner-Gren Foundation, Graduate Scholarship
1996-98 Baldwin Fellowship, L.S.B. Leakey Foundation

EXTERNAL GRANTS

- 2016-19 *National Science Foundation, BCS 1623873* (PI), Collaborative Research: An Examination of Behavioral and Biological Change in an Extended Chronological Context (\$199,548).
2019 *The Leakey Foundation* (PI), C. Heil. Constraining Hominin Record through High Resolution Paleomagnetic Stratigraphy at Olduvai Gorge, Tanzania. Co-I: J.K. Njau (\$18,000).
2019 *Wenner-Gren Foundation* (PI), East African Association of Paleoanthropology & Paleontology Conference, Nairobi, Kenya (\$20,000).
2017 *Wenner-Gren Foundation* (PI), East African Association of Paleoanthropology & Paleontology Conference, Addis Ababa, Ethiopia (\$20,000).
2013-14 *The Leakey Foundation* (Co-PI), Olduvai Vertebrate Fossils Research and Curation (\$12,500)

- 2012-16 *European Research Council (283366)* (PI), Ignacio de la Torre. Co-PIs: Jackson Njau, Lindsay McHenry. The Origins of the Acheulean in Eastern Africa-ORACEAF (€1.5 M).
- 2015 *Wenner-Gren Foundation* (PI), Fifty Years after *Homo habilis* Conference, Dar Es Salaam, Tanzania (\$20,000).
- 2015 *Palaeontological Scientific Trust* (PI), Fifty Years after *Homo habilis* Conference, Dar Es Salaam, Tanzania (\$5,700).
- 2011-13 *National Science Foundation BCS 1025263*. Vertebrate Paleontology at Olduvai Gorge, Tanzania (\$494,738), PI: L.J. Hlusko, Co-I: J.K. Njau.
- 2010-11 *Palaeontological Scientific Trust (PAST)*, Olduvai Landscape Paleanthropology of Olduvai Gorge (99,000 ZAR), PI; J.K. Njau.
- 2010-12 *British Academy, International Partnership, UK*. The Early Acheulian in Olduvai Gorge (£29,650). Co-PIs: Ignacio Torre & Jackson Njau.
- 2011-14 *The Leverhulme Trust, UK*. Percussion Stone Technology: Implication for Primate Tool Use and Human Evolution (£124,900). PI; I. Torre; Co-Is: J.K. Njau, H. Roche, S. Carvalho, R. Blumenschine, S. Harmand, T. Matsuzawa, W. McGrew, R. Mora.
- 2011 *Wenner-Gren Foundation*. The East African Association for Paleoanthropology and Paleontology Conference, Addis Ababa, Ethiopia (\$15,000). Co-PIs; Zerasenay Alemseged & Jackson Njau.
- 2008 *National Geographic Society*. Surveying for New Paleoanthropological Sites in Tanzania (\$15,000). PI: Leslea Hlusko, Co-I: Jackson Njau
- 2008 *Wenner-Gren Foundation*. Fifty Years after *Paranthropus boisei* (*Zinjanthropus*), The East African Association for Paleoanthropology and Paleontology, Conference, Arusha, Tanzania (\$15,000). Co-PIs: Z. Alemseged & J.K. Njau.
- 2007 *Wenner-Gren Foundation (International Collaborative Research Grant)*. Surveying for New Paleoanthropological Sites in Tanzania through satellite imagery (\$29,974). Co-PIs: Leslea Hlusko & Jackson Njau.

PRE-DOCTORAL GRANTS

- 2002 *NSF- Doctoral Dissertation Improvement Grant* (\$12,000).
- 2001 *Wenner-Gren Foundation Research Grant* (\$19,500).
- 2000 *The Explorers Club New York, Exploration Fund Grant* (\$1,200).

PEER-REVIEWED PUBLICATIONS

* paper led by a student or co-authored by student

- 2021 **Njau, J.K.**, Toth, P., Schick, K., Stanistreet, I., McHenry, L.J., Stollhofen, H. The Olduvai Gorge Coring Project: Drilling high resolution palaeoclimatic and palaeoenvironmental archives to constrain hominin evolution. *Palaeogeography, Palaeoclimatology, Palaeoecology* 561. [DOI](#).
- *2021 Ferland, T.M., Colcord, D.E., Shilling, A.M., Brassell, S.C., Stanistreet, I.G., Stollhofen, H., **Njau, J.K.**, Schick, K.D., Toth, N., and Freeman, K.H. Biased preservation of Pleistocene climate variability proxies at Olduvai Gorge, Tanzania. *Palaeogeography, Palaeoclimatology, Palaeoecology* 562. [DOI](#).

- 2021 Stollhofen, H., Stanistreet, I.G., Toth, N., Schick, K.D., Rodríguez-Cintas, A., Albert, R.M., Farrugia, P., **Njau, J.K.**, Pante, M.C., Herrmann, E., Ruck, L., Bamford, M.K., Blumenschine, R.J., Masao, F.T., 2020. Olduvai's Oldest Oldowan. *Journal of Human Evolution*. 150, [DOI](#).
- 2021 Torre, I., Benito-Calvo, A., Martín-Ramos, C., McHenry, L.J., Mora, R., **Njau, J.K.**, Pante, M., Stanistreet, I.G., Stollhofen, H. New excavations in the MNK Skull site, and the last appearance of the Oldowan and *Homo habilis* at Olduvai Gorge, Tanzania. *Journal of Anthropological Archaeology*, 61 [DOI](#).
- *2020 **Njau, J.K.**, Herrmann, E.W., Ruck, L., Pante, M., Farrugia, P., Toth, N., Schick, K., Stollhofen, H., Stanistreet, I.G. Core stratigraphy constrains Bed IV archaeological record at HEB site, Olduvai Gorge, Tanzania. *Palaeogeography, Palaeoclimatology, Palaeoecology* 552. [DOI](#).
- 2020 Parisi, L., Stanistreet, I.G., **Njau, J.K.**, Schick, K., Toth, N., Martin Mai, P. Seismological investigations in the Olduvai basin and Ngorongoro Volcanic Highlands (western flank of the North Tanzanian Divergence). *Seismological Research Letters* 91 (6): 3286–3303. [DOI](#).
- 2020 McHenry, L.J., Stanistreet, I.G., Stollhofen, H., **Njau, J.K.**, Toth, N., Schick, K. Tuff fingerprinting and correlations between OGCP cores and outcrops for Pre-Bed I and Bed I/II at Olduvai Gorge, Tanzania. *Palaeogeography, Palaeoclimatology, Palaeoecology* 548. [DOI](#).
- 2020 McHenry, L. J., Kodikara, G.R.L., Stanistreet, I.G., Stollhofen, H., **Njau, J.K.**, Schick, K., Toth, N. Lake conditions and detrital sources of Paleolake Olduvai, Tanzania, reconstructed using X-ray Diffraction analysis of cores. *Palaeogeography, Palaeoclimatology, Palaeoecology* 556. [DOI](#).
- 2020 Deino, A.L., Heil, C., King, J., McHenry, L.J., Stanistreet, I.G., Stollhofen, H., **Njau, J.K.**, Mwankunda, J., Schick, K.D., Toth, N. Chronostratigraphy and Age Modeling of Pleistocene Drill Cores from the Olduvai Basin, Tanzania (Olduvai Gorge Coring Project). *Palaeogeog, Palaeoclim, Palaeoecol.* [DOI](#).
- 2020 Pante, M., Torre, I.d.l., d'Errico, F., **Njau, J.K.**, Blumenschine, R.J., Bone tools from Beds II-IV, Olduvai Gorge, Tanzania, and implications for the origins and evolution of bone technology. *Journal of Human Evolution* 148 [DOI](#).
- 2020 Rodríguez-Cintas, A., Albert, R.M., Bamford, M.K., Stanistreet, I.G., Stollhofen, H., Stone, J.R., Rivera-Rondon, C., Pronzaro, R., **Njau, J.K.**, Schick, K., Toth, N. Palaeovegetation changes recorded in Palaeolake Olduvai OGCP Core 2A (2.09–2.12 Ma) Naibor Soit Formation Olduvai Gorge, Tanzania. *Palaeogeography, Palaeoclimatology, Palaeoecology* 557 [DOI](#).
- *2020 Shilling, A.S., Colcord, D.E., Karty, J., Hansen, A., Freeman, K.H., **Njau, J.K.**, Stanistreet, I.G., Stollhofen, H., Schick, K.D., Toth, N., Brassell, S.C., 2020. Biogeochemical evidence from OGCP Core 2A sediments for environmental changes preceding deposition of Tuff IB and climate transitions in Upper Bed I of the Olduvai Basin. *Palaeogeogr. Palaeoclimatol. Palaeoecol.* 555 [DOI](#).
- 2020 Stanistreet, I.G., Stollhofen, H., Deino, A., McHenry, L., Toth, N., Schick, K., **Njau, J.K.** New Olduvai Basin stratigraphy and stratigraphic concepts revealed by OGCP cores into the Palaeolake Olduvai depocentre, Tanzania. *Palaeogeography, Palaeoclimatology, Palaeoecology* 554. [DOI](#).

- 2020 Stanistreet, I.G., Boyle, J.F., Stollhofen, H., Deocampo, D., Deino, A., McHenry, L.J., Toth, N., Schick, K., **Njau, J.K.** Palaeosalinity and palaeoclimatic geochemical proxies (elements Ti, Mg, Al) vary with Milankovitch cyclicity (1.3 to 2.0 Ma), OGCP cores, Palaeolake Olduvai, Tanzania. *Palaeogeography, Palaeoclimatology, Palaeoecology* 546 [DOI](#).
- 2020 Stanistreet, I.G., Doyle, C., Hughes, T., Rushworth, E.R., Stollhofen, H., Toth, N., Schick, K., **Njau, J.K.** Changing depocentre environments of Palaeolake Olduvai and carbonates as marker horizons for hiatuses and lake-level extremes. *Palaeogeography, Palaeoclimatology, Palaeoecology* 560 [DOI](#).
- *2019 Shilling, A.M., Colcord, D. E., Karty, J., Hansen, A., Freeman, K. H., **Njau, J. K.**, Stanistreet, I. G., Stollhofen, H., Schick, K. D., Toth, N., Brassell, S.C. Biogeochemical evidence for environmental changes of Pleistocene Lake Olduvai during the transitional sequence of OGCP Core 2A that encompasses Tuff 1B (~1.848 Ma). *Palaeogeography, Palaeoclimatology, Palaeoecology* 532 [DOI](#).
- *2019 Colcord, D.E., Shilling, A., Freeman, K. H., **Njau, J.K.**, Stanistreet, I.G., Stollhofen, H., Schick, K., Toth, N., Brassell, S. Aquatic biomarkers record Pleistocene environmental changes at Paleolake Olduvai, Tanzania. *Palaeogeography, Palaeoclimatology, Palaeoecology* 524, 250-261. [DOI](#).
- 2019 Lu, K., Hanafy, S., Stanistreet, I.G., **Njau, J.K.**, Schick, K., Toth, N., Stollhofen, H., Schuster, G. *Palaeogeography, Palaeoclimatology, Palaeoecology* 533 [DOI](#).
- 2019 Merritt, S.R., Pante, M.C., Keevil, T.L., **Njau, J.K.**, Blumenschine, R.J. Don't cry over spilled ink: missing context prevents replication and creates the Rorschach effect in bone surface modification studies. *Journal of Archaeological Science* 102, 71-79. [DOI](#)
- 2019 Alemseged, Z., **Njau, J.K.**, Pobiner, B., Ndiema, E. Connecting palaeoscientists in eastern Africa and the wider world. *Nature Ecology & Evolution*. [DOI](#)
- *2018 Ascari, S., **Njau, J.K.**, Polly, P.D., Sauer, P., Peng, Y. Fossil herbivores and crocodiles as paleoclimatic indicators of environmental shifts from Bed I and Bed II times of the Olduvai Gorge, Tanzania. *Palaeogeography, Palaeoclimatology, Palaeoecology* 511, 550-557 [DOI](#).
- *2018 Stanistreet, I.G., Stollhofen, H., **Njau, J.K.**, Farrugia, P., Masao, F.T., Albert, R.M., Bamford, M.K. & Pante, M. Lahar inundated, modified and preserved 1.88 Ma early hominin (OH24 and OH56) Olduvai DK site. *Journal of Human Evolution* 116, 27-42. [DOI](#)
- *2018 Colcord, D.E., Shilling, A.M., Sauer, P., Freeman, K.H., **Njau, J.K.**, Stanistreet, I.G., Stollhofen, H., Schick, K.D., Toth, N., Brassell, S.C. Sub-Milankovitch palaeoclimatic and paleoenvironmental variability in East Africa recorded by Pleistocene lacustrine sediments from Olduvai Gorge, Tanzania. *Palaeogeography, Palaeoclimatology, Palaeoecology* 495, 284-291. [DOI](#)
- 2018 de la Torre, I., McHenry, L.J., **Njau, J.K.** From the Oldowan to the Acheulean at Olduvai Gorge, Tanzania. *Journal Human Evolution (Special Issue)* 120, 1-421 [DOI](#).
- 2018 Pante, M.C., **Njau, J.K.**, Hensley-Marschand, B., Keevil, T.L., Martín-Ramos, C., Peters, R.F., Torre, I. The carnivorous feeding behavior of early Homo at HWK EE, Bed II, Olduvai Gorge, Tanzania. *Journal of Human Evolution* 120, 215-235. [DOI](#)

- 2018 Prassack, K., Pante, M.C., **Njau, J.K.** & de la Torre, I. The Paleoecology of Fossil Birds from Middle Bed II, at Olduvai Gorge, Tanzania. *Journal of Human Evolution* 120, 32-47. [DOI](#)
- 2018 Rivals, F., Uno, K., Bibi, F., Pante, M., **Njau, J.K.**, de la Torre, I. Dietary traits of the ungulates from the HWK EE site at Olduvai Gorge, Tanzania: Diachronic changes and seasonality. *Journal of Human Evolution* 120, 203-214. [DOI](#)
- 2018 Bibi, F., Pante, M., Souron, A., Stewart, K., Varela, S., Werdelin, L., Boisserie, J.R., Fortelius, M., Hlusko, L., **Njau, J.K.**, de la Torre, I. Large mammals and fish from the Oldowan-Acheulean transition at Olduvai Gorge, Tanzania, and the paleoecology of the Serengeti. *Journal of Human Evolution* 120, 48-75. [DOI](#)
- 2018 de la Torre, I., Albert, R.M., Arroyo, A., Macphail, R., McHenry, L.J., Mora, R., **Njau, J.K.**, Pante, M.C., Rivera-Rondon, C.A., Rodríguez-Cintas, A., Stanistreet, I.G., Stollhofen, H., Wehr, K. New excavations at the HWK EE site: archaeology, paleoenvironment and site formation processes during late Oldowan times at Olduvai Gorge, Tanzania. *Journal of Human Evolution* 120, 140-202. [DOI](#)
- 2018 Uno, K., Rivals, F., Bibi, F., Pante, M., **Njau, J.K.**, de la Torre, I. Large mammal diets and paleoecology across the Oldowan-Acheulean transition at Olduvai Gorge, Tanzania from stable isotope and tooth wear analyses. *Journal of Human Evolution* 120, 76-91. [DOI](#)
- 2018 Albert, R.M., Bamford, M.K., Stanistreet, I.G., Stollhofen, H., Rivera-Rondon, C.A., **Njau, J.K.**, Blumenschine, R.J. (2018) River-fed wetland palaeovegetation and palaeoecology at the HWK W site, Bed I, Olduvai Gorge. *Review of Palaeobotany and Palynology* 259, 223-241. [DOI](#)
- 2017 Pante, M.C., Muttart, M.V., Keevil, T.L., Blumenschine, R.J., **Njau, J.K.**, Merritt, S. A new high-resolution 3-D quantitative method for identifying bone surface modifications with implications for Early Stone Age archaeological record. *Journal of Human Evolution* 102, 1-11. [DOI](#)
- 2016 **Njau, J.K.** and Gilbert, W.H. 2016. Standardizing terms for crocodile-induced bite marks on bone surfaces in light of the frequent bone modification equifinality found to result from crocodile feeding behavior, stone tool modification, and trampling. *FOROST (Forensic Osteology)* 3, 1-13. [DOI](#)
- 2016 Johnson, C.C., **Njau, J.K.**, Van Damme, D., Schick, K., Toth, N. Paleoecologic significance of freshwater bivalves, Bed III, Olduvai Gorge, Tanzania. *Palaios* 31, 319-326. [DOI](#)
- 2016 McHenry, L.J., **Njau, J.K.**, de la Torre, I., Pante, M.C. Geochemical “fingerprints” for Olduvai Gorge Bed II tuffs and implications for the Oldowan–Acheulean transition. *Quaternary Research* 85, 147-158. [DOI](#)
- 2016 Jorayev, G., Wehr, K., Benito-Calvo, A., **Njau, J.K.**, Torre, I. 2016. Imaging and photogrammetry models of Olduvai Gorge (Tanzania) by unmanned aerial vehicles: a high-resolution digital database for research and conservation of Early Stone Age sites. *Journal of Archaeological Science* 75, 40-56. [DOI](#)
- 2016 Habermann, J., Stanistreet I.G., Stollhofen, H, Albert, R.M., Bamford, M.K., Pante, M., **Njau, J.K.**, Masao, F.T. In situ ~2.0 Ma trees discovered as fossil rooted stumps, lowermost Bed I, Olduvai Gorge, Tanzania, *Journal of Human Evolution* 90, 74-87. [DOI](#)

- 2016 Cherin, M., Iurino, D.A., **Njau, J.K.**, Masao, F.T. New material of hyaenids (Mammalia, Carnivora) from Olduvai Gorge, Tanzania (Early Pleistocene). *Bollettino della Società Paleontologica Italiana*, 55 (1), 1-9 [DOI](#)
- 2015 Hlusko, L.J., Reiner, W.R. & **Njau, J.K.** 2015. A one-million-year-old hominid distal ulna from Olduvai Gorge, Tanzania. *American Journal of Physical Anthropology* 158, 36-42. [DOI](#)
- 2013 **Njau, J.K.** Olduvai Gorge Archaeological Site. C. Smith (ed.), *Encyclopedia of Global Archaeology*. [DOI](#)
- 2013 Masao, F.T., Anton, S., **Njau, J.K.** Results of recent investigations of the Oldowan and associated hominid remains at the DK site, Olduvai Gorge. In: *Africa, cradle of humanity: Recent discoveries*. Travaux du Centre National de Recherches Préhistoriques, Anthropologiques et Historiques. Nouvelle série 18, Pp.147-187. [DOI](#)
- 2012 **Njau, J.K.** Reading Pliocene Bones. *Science* 336, 46-47. [DOI](#)
- 2012 **Njau, J.K.** and Blumenschine, R.J. Crocodylian and Mammalian Carnivore Feeding Traces on Hominin Fossils from FLK 22 and FLK NN 3, Late Pliocene, Olduvai Gorge, Tanzania. *Journal of Human Evolution* 63, 408-417. [DOI](#)
- 2012 Blumenschine, R.J., Stanistreet, I.G., **Njau, J.K.**, Bamford, M.K., Masao, F.T., Albert, R.M., Stollhofen, H., Andrews, P., Prassak, K.A., McHenry, L.J., Fernandez-Jalvo, Y., Camilli, E.L., Ebert, J. Environments and Hominin Activities across FLK Peninsula During *Zinjanthropus* Times (1.84 Ma), Olduvai Gorge, Tanzania. *Journal of Human Evolution* 63, 364-383. [DOI](#)
- 2012 Ungar, P.S., Krueger, K.L., Blumenschine, R.J., **Njau, J.K.**, Scott, R.S. Dental microwear texture analysis of hominins recovered by the Olduvai Landscape Paleanthropology Project, 1995-2007. *J. Human Evolution* 63, 429-437. [DOI](#)
- 2012 Renne, P. R., Mulcahy, S.R., Cassata, W.S., Morgan, L.E., Kelley, S.P., Hlusko, L.J., **Njau, J.K.** Retention of inherited Ar by alkali feldspar xenocrysts in a magma: Kinetic constraints from Ba zoning profiles. *Geochimica et Cosmochimica Acta* 93, 129-142. [DOI](#)
- 2012 Blumenschine, R.J., Masao, F.T., Stollhofen, H., Stanistreet, I.G., Bamford, M.K., Albert, R.M., **Njau, J.K.**, Prassack, K.A. Landscape distribution of Oldowan stone artifact assemblages across the fault compartments of the eastern Olduvai Lake Basin during early lowermost Bed II times. *Journal of Human Evolution* 63, 384-394. [DOI](#)
- 2011 Westaway, M., Thompson, J., Wood, W., **Njau, J.K.** Crocodile ecology and the taphonomy of early Australasian sites. *Environmental Archaeology* 16, 124-136. [DOI](#)
- 2010 **Njau, J.K.** and Hlusko, L.J. Fine-Tuning Paleoanthropological Reconnaissance using High-Resolution Satellite Imagery: The Discovery of 28 New Sites in Tanzania. *Journal of Human Evolution* 59, 680-684. [DOI](#)
- 2010 Brochu, C.A., **Njau, J.K.**, Blumenschine, R.J., Densmore, L.D. A New Horned Crocodile From Plio-Pleistocene Hominid Sites at Olduvai Gorge, Tanzania. *PLoS One* 5(2), e9333. [DOI](#)
- 2009 Louchart, A., Wesselman, H., Blumenschine, R.J., Hlusko, L.J., **Njau, J.K.**, Black, M.T., Asnake, M., White, T.D. Taphonomic, Avian, and Small Vertebrate Indicators of *Ardipithecus ramidus* Habitat. *Science* 326, 66.

- 2009 **Njau, J.K.**, Alemseged, Z., Mbua, E., Pobiner, B. Fifty Years After Discovery of *Zinjanthropus* Conference. *Evolutionary Anthropology* 18, 235-236. [DOI](#)
- 2007 Blumenschine, R.J., Peters, C.R., Capaldo, S.D., Andrews, P., **Njau, J.K.**, Pobiner, B.L. Vertebrate taphonomic perspectives on Oldowan hominin land use in the Plio-Pleistocene Olduvai Basin, Tanzania. In: *Breathing Life into Fossils: Taphonomic Studies in Honor of C.K. Brain* (T. Pickering, K. Schick, N. Toth eds.). Gosport, IN: Stone Age Institute Press. Pp. 161-179.
- 2006 **Njau, J.K.** & Blumenschine, R.J. A Diagnosis of Crocodile Damage to Large Vertebrate Bones, With Fossil Examples From Olduvai Gorge, Tanzania. *Journal of Human Evolution* 50, 142-162. [DOI](#)
- 2003 Blumenschine, R.J., Peters, C.R., Masao, F.T., Clarke, R.J., Deino, A.L., Hay, R.L., Swisher, C., Ashley, G.M., McHenry, L.J., Sikes, N.E., van der Merwe, N.J., Tactikos, J.C., Cushing, A.E., Deocampo, D.M., **Njau, J.K.**, Ebert, J.I. Late Pliocene Homo and Hominid Land Use from Western Olduvai Gorge, Tanzania. *Science* 299, 1217-1221. [DOI](#)

BOOK *Crocodile Predation and Hominin Evolution: Landscape Paleoanthropology at Olduvai Gorge*. Saarbrücken: Lambert Academic Publishing (2012) pp. 323. [Amazon](#).

MANUSCRIPTS ACCEPTED (PEER-REVIEWED)

- *Farrugia, P. and **Njau, J.K.** The Paleoecology and Taphonomy of DK Site, Olduvai Gorge, Tanzania. In *African Paleoecology and Human Evolution*. (Eds. Rene Bobe & Sally Reynolds), Cambridge University Press.
- Drumheller, S., D'Amore, D., **Njau, J.K.** Taphonomic Approaches to Bite Mark Analyses in the Fossil Record and Applications to Crocodyliform and Broader Archosaurian Paleobiology. In: *Crocodylian Paleobiology*. (Eds. Holly Ballard & James Farlow), Indiana University Press.

RECENT RESEARCH PROJECTS LEADERSHIP

Over the years I have established and collaborate in interdisciplinary research projects focusing on human evolution in Tanzania. They include;

- Currently, I am co-directing the Olduvai Gorge Coring Project ([OGCP](#)). This project seeks to understand the role of Earth's dynamics to hominin evolution through scientific drilling and multiproxy analyses of core record.
- Olduvai Geochronology and Archaeology Project ([OGAP](#))
- Olduvai Vertebrate Paleontology Project ([OVPP](#))
- Olduvai Gorge Landscape Paleoanthropology Project ([OLAPP](#)).
- Tanzania International Paleoanthropological Research Project (TIPRP). Systematic field survey of the Eastern Africa Rift System (Tanzanian sector) for Tanzanian sector for paleontological and archaeological resources.

REPRESENTATIVE INVITED TALKS

- 2019 *Geology Department, University of Dar Es Salaam, Tanzania*. Olduvai Gorge: New Investigations on Paleoclimatic and Paleoenvironmental Contexts of Human Evolution through Scientific Drilling (March).

- 2019 *US Embassy, Dar Es Salaam, Tanzania.* Olduvai Gorge the cradle of humankind: revealing two million years of history (March).
- 2018 *Geological Society of America (GSA) Symposium on Human Evolution and Environmental History in Africa: 25 Years of Transformative Research Symposium.* Indianapolis, IN.
- 2018 *Stone Age Institute, Indiana.* Olduvai Gorge in 21st Century: Research Advances and Infrastructure Development. What Drives Human Cognitive Evolution? Symposium,
- 2017 *The Greater Serengeti Ecosystem Symposium.* Evolution of the Greater Serengeti: Geological, Paleontological and Paleoanthropological perspectives. Seronera, Serengeti funded by the Greater Serengeti Conservation Society.
- 2016 *Georgian National Museum, Tbilisi, Georgia.* Intercontinental contemporary *Homo erectus* Workshop: Africa, Europe and China, represented by Olduvai Gorge, Dmanisi and Nihewan sites, respectively.
- 2015 *Colorado State University, Fort Collins, CO.* New paleoclimate & paleoenvironmental records of hominin evolution at Olduvai Gorge, Tanzania.
- 2015 *University of Dar Es Salaam, Tanzania.* New approach for investigating paleoenvironmental contexts of hominin evolution.
- 2014 *Indiana State University, Terra Haute.* The role of crocodylians in human evolution.
- 2013 *University College London, UK.* Bone modification in African Pliocene hominid localities.
- 2013 *Indiana University, Bloomington.* The ORIGIN Symposium. Evolution of Hominin Landscapes at Olduvai Basin: The last 2 million years of human history.
- 2011 *University of Cambridge, UK.* Taphonomy and Paleoecology of Plio-Pleistocene Hominids at Olduvai Gorge.
- 2011 *Institute of Archaeology, University College London, UK.* Crocodile Bite Marks and Predation Ecology of Hominids at Olduvai Gorge.
- 2011 *University of California Berkeley, Biology of Amphibians & Reptiles Group.* Taphonomic Perspective from Crocodile Bone Modification.
- 2009 *University of California Museum of Paleontology.* A Landscape Approach for Understanding Hominid Behaviors and Environments at Olduvai.
- 2009 *American Museum of Natural History, New York.* Darwin's Legacy: Consortium in Evolutionary Primatology Conference (NYCEP). Was FLK Plio-Pleistocene Site a "Hominid Home Base"?
- 2007 *Naracoorte Caves National Park, Australia.* The Human Story: Four million years of evolution in Tanzania.

CONFERENCE ABSTRACTS

- 2020 McHenry, L.J., Stollhofen, H., Kodikara, G.L., **Njau, J.K.**, Schick, K., Toth, N., Stanistreet, I.G., Deino, A. A core-based environmental and depositional history for Pleistocene Paleolake Olduvai, Tanzania, based on mineral assemblage. GSA, virtual.
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