

CURRICULUM VITAE: KATHLEEN A. KUMAN

School of Geography, Archaeology, and Environmental Studies

University of the Witwatersrand, Private Bag 3, WITS 2050, Johannesburg, South Africa

Telephone: (011) 678-0845 home (011); 717-6047 work; cell 083 588 5057; E-mail: Kathleen.Kuman@wits.ac.za

EDUCATION

PhD 1989: Department of Anthropology, University of Pennsylvania (Philadelphia)

MA 1976: Department of Anthropology, New School for Social Research (New York)

BA (with highest honours) 1972: Department of Anthropology, Richmond College, City University of New York

RECORD OF EMPLOYMENT AND PROFESSIONAL EXPERIENCE

2016 to present: Professor Emeritus, University of the Witwatersrand (see below)

Dec. 2013 to Dec. 2015 Professor, School of Geography, Archaeology and Environmental Studies, University of the Witwatersrand. From Aug. 2011 to Nov. 2013: Associate Professor. From Dec. 2008 to Aug. 2011: Senior Lecturer. From Jan. 2005 to Nov. 2008: Lecturer. From March 2002 to 2004: Senior Research Officer. From 1994 to Feb 2002: Research Officer.

June 1993 to Feb. 1994: Research Associate, Dept of Archaeology, University of the Witwatersrand. August 1992 to May 1993: J. William Fulbright Senior Scholar (U.S. government, Council for International Exchange of Scholars): full-time research award on archaeology of Sterkfontein, University of the Witwatersrand.

July 1991 to July 1992: Research Associate, Dept of Archaeology. From April 1986 to June 1991: home with pre-school child; completed PhD 1989.

February 1984 to March 1986: Research Associate, Dept of Archaeology, University of the Witwatersrand.

January to Dec. 1983: Professional Officer, National Museum, Bloemfontein, South Africa. Archaeologist for Florisbad Middle Stone Age excavations.

1976 to 1980: contracts as an Adjunct Assistant Professor at: Towson State University, Towson, Maryland; Washington International College, Washington, D.C.; Morgan State University, Baltimore, Maryland; and Antioch College, Columbia, Maryland.

PUBLICATIONS

Peer-reviewed papers

Jashashvili, T., Carlson, K.J., Patel, B.A., Kuman, K., Heaton, J.L., Pickering, T.R., Beaudet, Crompton, R., Bruxelles, L., Stratford, D., Clarke, R.J. (in review). The wrist and hand of StW 573 ("Little Foot"). *Journal of Human Evolution*.

Clarke, R.J., Pickering, T.R., Heaton, J.L., Kuman, K. (in press). The earliest South African hominids. *Annual Review of Anthropology*.

Kuman, K. (in press). Florisbad. In: A. Beyin, D.K. Wright, J. Wilkins, A. Bouzouggar, D. Olszewski (eds): *Africa's Pleistocene Archaeology (2.5 Mya – 12 kya)*. Springer, Switzerland.

Kuman, K. (in press). The Oldowan and Early Acheulean in South Africa's Cradle of Humankind. In: A. Beyin, D.K. Wright, J. Wilkins, A. Bouzouggar, D. Olszewski (eds): *Africa's Pleistocene Archaeology (2.5 Mya – 12 kya)*. Springer, Switzerland.

Leader, G.M., Kuman, K. (in press). Rietputs 15, Northern Cape, South Africa: a dated Early Acheulean site with organized core working strategies. In: A. Beyin, D.K. Wright, J. Wilkins, A. Bouzouggar, D. Olszewski (eds): *Africa's Pleistocene Archaeology (2.5 Mya – 12 kya)*. Springer, Switzerland.

Carlson, K.J., Green, D.J., Jashashvili, T., Pickering, T.R., Heaton, J.L., Beaudet, A. Stratford, D., Crompton, R., Kuman, K., Bruxelles, L., Clarke, R.J. (2021 in press). The pectoral girdle of StW 573 ("Little Foot") and its implications for shoulder evolution in Hominina. <https://doi.org/10.1016/j.jhevol.2021.102983>

Kuman, K., Granger, D.E., Gibbon, R.J., Pickering, T.R., Caruana, M., Bruxelles, L., Clarke, R.J., Heaton, J.L., Stratford, D., Brain, C.K. (2021). A new absolute date from Swartkrans Cave for the oldest occurrences of *Paranthropus robustus* and Oldowan stone tools in South Africa. *Journal of Human Evolution* 156 (2021) 103000: 1-12.

Li, H., Lotter, M.G., Kuman, K., Lei, L. (2021) Population dynamics during the Acheulean at ~0.8Ma in East and Southeast Asia: Considering the influence of two short-term geological cataclysms. *Palaeogeography, Palaeoclimatology, Palaeoecology* 562 (2021) 109927: 1-10.

Li, H., Lei, L., Li, D., Lotter, M.G., Kuman, K. (2021). Characterizing the shape of Large Cutting Tools from the

- Baise Basin (South China) using a 3D geometric morphometric approach. *Journal of Archaeological Science: Reports* 36 (2021) 102820: 1-12.
- Lei, L., Lotter, M.G., Lie, D., Kuman, K., Li, H. (2021). Refining the Understanding of Large Cutting Tool Technology in the Baise Basin, South China. *Lithic Technology* 46(2): 87-103.
- Shen, G., Wang, Y., Tu, H., Haowen, T., Wu, Z., Kuman, K., Fink, D., Granger, D.E. (2020). Isochron ²⁶Al/¹⁰Be burial dating of Xihoudu: Evidence for the earliest human settlement in northern China. *L'Anthropologie* 124 (2020) 102790: 1-26. <https://doi.org/10.1016/j.anthro.2020.102790>.
- Kuman, K., Lotter, M., Leader, G.M. (2020). The Fauresmith of South Africa: A new assemblage from Canteen Kopje and significance of the industry in human evolution. *Journal of Human Evolution* 148: 102884.
- Beudet, A., Clarke, R.J., Heaton, J.L., Pickering, T.R., Carlson, K.J., Crompton, R.H., Jashashvili, T., Bruxelles, L., Jakata, K., Bamm, L., Van Hoorebeken, L., Kuman, K., Stratford, D. (2020). The atlas of StW 573 and the late emergence of human-like head mobility and brain metabolism. *Scientific Reports (Nature Research)* 10:4285, 1-13 / <https://doi.org/10.1038/s41598-020-60837-2>.
- Clarke, R.J., Kuman, K. 2019. The skull of StW 573, a 3.67 My old *Australopithecus prometheus* skeleton from Sterkfontein Caves, South Africa. *Journal of Human Evolution* 134, 102634.
- Bruxelles, L., Stratford, D. Maire, R., Pickering, T.R., Heaton, J.L., Beudet, A. Kuman, K., Crompton, R., Carlson, K., Jashashvili, T., McClymont, J., Leader, G.M., Clarke, R.J. (2019). The context of StW 573 and Sterkfontein's Member 2: A multiscale stratigraphic investigation with reference to Member 2 taphonomy and palaeoenvironments. *Journal of Human Evolution* 133, 78-98.
- Beudet, A., Clarke, R.J., de Jager, E.J., Bruxelles, L., Carlson, K.J., Crompton, R., de Beer, F., Dhaene, J., Heaton, J.L., Jakata, K., Jashashvili, T., Kuman, K., McClymont, J., Pickering, T.R., Stratford, D. (2019). The endocast of StW 573 ("Little Foot") and hominin brain evolution. *Journal of Human Evolution* 126, 112-123.
- Beudet, A., Clarke, R.J., Bruxelles, L., Carlson, K., Crompton, R., De Beer, F., Dhaene, J., Heaton, J.L., Jakata, K., Jashashvili, T., Kuman, K., McClymont, J., Pickering, T.R., Stratford, D., 2019. The bony labyrinth of StW 573 ("Little Foot"): implications for early hominin evolution and paleobiology. *Journal of Human Evolution* 127, 67-80.
- Heaton, J., Pickering, T., Crompton, R., Stratford, D., Carlson, K., Jashashvili, T., Beudet, A., Bruxelles, L., Kuman, K., Clarke, R.J. (2019). The long limb bones of the StW 573 *Australopithecus* skeleton from Sterkfontein Member 2: Descriptions and proportions. *Journal of Human Evolution* 133, 167-197.
- Li, H., Li, Z.-Y., Gao, X., Kuman, K., Sumner, A. (2019). Technological behavior of the early Late Pleistocene archaic humans at Lingjing (Xuchang, China). *Archaeological and Anthropological Sciences*. 11, 3477-3490.
- Kuman, K., Sutton, M., Pickering, T.R., Heaton, J.L. (2018). The Oldowan industry from Swartkrans Cave, South Africa, and its relevance for the African Oldowan. *Journal of Human Evolution* 123, 52-69.
- Lotter, M.G., Kuman, K. (2018). Atmar and Bernol Farms: New Acheulean sites in the lower Sundays River Valley, Eastern Cape Province, South Africa. *South African Archaeological Bulletin* 73(207), 64-74.
- Li, H., K. Kuman and C. Li (2018). What is currently (un)known about the Chinese Acheulean, with implications for hypotheses on the earlier dispersal of hominids. *Comptes Rendus Palevol* 17, 120-130.
- Li, H., Li, Z.-Y., Lotter, M.G., Kuman, K. (2018) Formation processes at the early Late Pleistocene archaic human site of Lingjing, China. *Journal of Archaeological Science* 96, 73-84.
- Sherwood, N.L., Li, H., Kuman, K., Li, C. (2018). Lithic raw material quality of Middle Pleistocene artefacts from the Han River, Danjiangkou Reservoir Region, central China. *Quaternary International*. 480, 141-151.
- Kuman, K. and R.J. Gibbon (2018). The Rietputs 15 site and Early Acheulean in South Africa. *Quaternary International* 480, 4-15.
- Leader, G.M., Kuman, K., Gibbon, R.J., Granger, D.E. (2018). Early Acheulean organised core knapping strategies ca. 1.3 Ma at Rietputs 15, Northern Cape Province, South Africa. *Quaternary International* 480, 16-28.
- Li, H., K. Kuman, R. Couzens and G.M. Leader (2018). Handaxes in South Africa: Two case studies in the early and later Acheulean. *Quaternary International* 480, 29-42.
- Guan, Ying, Xinmin Xu, Kathleen Kuman, Huizhen Wu , Zhenyu Zhou, Xing Gao (2018). The absence of Acheulean: Qiliting Mode 1 site and the Mode 1 occupations in southeast China. *Quaternary International* 480, 152-165.
- Lotter, M.G., Kuman, K. (2018). The Acheulean in South Africa, with announcement of a new site (Penhill Farm) in the lower Sundays River Valley, Eastern Cape Province, South Africa. *Quaternary International* 480, 43-65.

- Sutton, M.B., Kuman, K., Steininger, C. (2017). The archaeology of Coopers site, Cradle of Humankind, South Africa. *South African Archaeological Bulletin* 72 (206), 156–161.
- Li, H., Kuman, K., Lotter, M.G., Leader, G.M., Gibbon, R.J. (2017) The Victoria West: earliest prepared core technology in the Acheulean at Canteen Kopje and implications for the cognitive evolution of early hominids. *Royal Society Open Science* 4 (170288), 1-12. <http://dx.doi.org/10.1098/rsos.170288>
- Stratford, D.J., Granger, D.E., Bruxelles, L., Clarke, R.J., Kuman, K., Gibbon, R.J. (2017). Comments on ‘The age of fossil StW573 (‘Little Foot’): An alternative interpretation of 26Al/10Be burial data’. *South African Journal of Science* 113 (5/6), 1-3.
- Li, H., Li, C., Kuman, K. (2017). Longgudong, an Early Pleistocene site in Jianshi, South China, with unquestioned association of human teeth and lithics. *Science China - Earth Sciences*, pp 1-15. doi: 10.1007/s11430-016-0181-1.
- Li, H., Li, C., Sherwood, N., Kuman, K. (2017). Experimental flaking in the Danjiangkou Reservoir Region (central China): a rare case of bipolar blanks in the Acheulean. *Journal of Archaeological Science: Reports* 13, 26 - 35.
- Lotter, M., R.J. Gibbon, K. Kuman, G.M. Leader, T. Forssman and D. Granger (2016). A geoarchaeological study of the Middle and Upper Pleistocene levels at Canteen Kopje, Northern Cape Province, South Africa. *Geoarchaeology: an International Journal* 31, 304–323.
- Pickering, T.R., J.L. Heaton, M.B. Sutton, R.J. Clarke, K. Kuman, J. Hutton Senjem, C.K. Brain (2016). New early Pleistocene hominin teeth from the Swartkrans Formation, South Africa. *Journal of Human Evolution* 100: 1-15.
- Ji, X., Kathleen Kuman, R.J. Clarke, Hubert Forestier, Yinghua Li, Juan Ma, Kaiwei Qiu, Hao Li, Yun Wu (2016). The oldest Hoabinhian technocomplex in Asia (43.5ka) at Xiaodong Rockshelter, Yunnan Province, southwest China. *Quaternary International* 400: 166-174.
- Kuman, K., 2016. Development of the archaeological record in southern Africa during the Earlier Stone Age. In Knight, J., Grab, S. (Eds.), *Quaternary Environmental Change in Southern Africa: Physical and Human Dimensions*. Cambridge University Press, Cambridge, pp. 349-370.
- Kuman, K., H. Li and C. Li (2016). Large Cutting Tools from the Danjiangkou Reservoir Region, central China: comparisons and contrasts with the Acheulean. *Quaternary International* 400, 58-64.
- Li, H., K. Kuman and C. Li (2016). The symmetry of handaxes from the Danjiangkou Reservoir Region (central China): a methodological consideration. *Quaternary International* 400, 65-72.
- McNabb, J. and K. Kuman (2015). Experimental stone tool replication at the Early Stone Age site of Sterkfontein, Gauteng, South Africa. *Journal of Archaeological Science: Reports* 4: 44-53.
- Li, H., K. Kuman and C. Li (2015). Quantifying the reduction intensity of handaxes with 3D technology: A pilot study on handaxes in the Danjiangkou Reservoir Region, central China. *PLoS One* 10(9): 1-17.
- Granger, D.E., R.J. Gibbon, K. Kuman, R.J. Clarke, L. Bruxelles and M.W. Caffee (2015). New cosmogenic burial ages for Sterkfontein Member 2 *Australopithecus* and Member 5 Oldowan. *Nature* 522: 85-88.
- Kuman, K., C. Li, C. and H. Li. H. (2014). Large Cutting Tools in the Danjiangkou Reservoir Region, central China. *Journal of Human Evolution* 76: 129-153.
- Gibbon, R.J., T.R. Pickering, M.B. Sutton, J.L. Heaton, K. Kuman, R.J. Clarke, C.K. Brain and D.E. Granger (2014). Cosmogenic nuclide burial dating of hominin-bearing Pleistocene cave deposits at Swartkrans, South Africa. *Quaternary Geochronology* 24: 10-15.
- Li, H., C. Li and K. Kuman (2014). Rethinking the “Acheulean” in East Asia: Evidence from recent investigations in the Danjiangkou Reservoir Region, central China. *Quaternary International* 347: 163-175.
- Pei, S., D. Niu, Y. Guan, X. Nian, K. Kuman, C.J. Bae and G. Xing (2014). The earliest Late Paleolithic in North China: Site formation processes at Shuidonggou Locality 7. *Quaternary International* 347: 122-132.
- Li, H., C. Li, K. Kuman, J. Cheng, H. Yao and Z. Li. (2014). The Middle Pleistocene handaxe site of Shuangshu in the Danjiangkou Reservoir Region, central China. *Journal of Archaeological Science* 52: 391-409.
- Li, H., K. Kuman and C. Li (2014). Re-examination of the morphological variability of East Asian handaxes from a comparative perspective. *World Archaeology* 46(5): 705–733.
- Sumner, T.A. and K. Kuman 2014. Refitting evidence for the stratigraphic integrity of the Kudu Koppie Early to Middle Stone Age site, northern Limpopo Province, South Africa. *Quaternary International* 343: 169-178.
- Li, H., Li, C. and Kuman, K. (2013) A Preliminary Report on the Excavation of the Guochachang II Paleolithic Site in the Danjiangkou Reservoir Region, Hubei Province. *Acta Anthropologica Sinica* 32(2): 144-155.

- Pei, S., G. Xing, H. Wang, K. Kuman, C.J. Bae, F. Chen, Y. Guan, Y. Zhang, X. Zhang, F. Peng, X. Li (2012). The Shuidonggou site complex: new excavations and implications for the earliest Late Paleolithic in North China. *Journal of Archaeological Science* 39: 3610-3626.
- Stratford, D.J., L. Bruxelles, R.J. Clarke and K. Kuman 2012. New stratigraphic interpretations of the fossil and artefact-bearing deposits of the Name Chamber, Sterkfontein. *South African Archaeological Bulletin* 67 (196): 159–167.
- Pickering, T.R., M.B. Sutton, J.L. Heaton, R.J. Clarke, C.K. Brain and K. Kuman (2012). New hominid fossils from Member 1 of the Swartkrans formation, South Africa. *Journal of Human Evolution* 62: 618-628.
- Pickering, T.R., J.L. Heaton, S. Zwodeski and K. Kuman (2011). Taphonomy of bones from baboons killed and eaten by wild leopards in Mapungubwe National Park, South Africa. *Journal of Taphonomy*. *Journal of Taphonomy* 9(2): 117-159.
- O'Regan, H.J., K. Kuman and R.J. Clarke (2011). The likely accumulators of bones: five Cape porcupine den assemblages and the role of porcupines in the Post-Member 6 Infill at Sterkfontein, South Africa. *Journal of Taphonomy* 9(2): 69-87.
- Le Baron, J.C., S. Grab and K. Kuman (2011). Surface texture analysis of southern Tuli Basin sediments: implications for Limpopo Valley geoarchaeological contexts. *Journal of African Earth Sciences* 59: 384–394.
- Le Baron, J.C., K. Kuman and S. Grab (2010). The landscape archaeology of the Hackthorne Plateau, Limpopo River Valley, South Africa. *South African Archaeological Bulletin* 65: 123-131.
- Forssman, T., K. Kuman, R. Gibbon and G.M. Leader (2010). A Later Stone Age assemblage from Canteen Kopje, Northern Cape. *South African Archaeological Bulletin* 65: 204-214.
- Le Baron, J.C., S. Grab and K. Kuman (2010). Grain-size characteristics of surface sands and sandstones: indicators of potential sediment sources for the southern Tuli Basin, South Africa. *South African Geographical Journal* 92(1): 7-21.
- Pollarolo, L., G. Susino, K. Kuman and L. Bruxelles (2010). Acheulean artefacts at Maropeng in the Cradle of Humankind World Heritage Site, Gauteng Province, South Africa. *South African Archaeological Bulletin* 65(191): 3-12.
- Wilkins, J., L. Pollarolo and K. Kuman (2010). Prepared core reduction at the site of Kudu Koppie in northern South Africa: temporal patterns across the Earlier and Middle Stone Age boundary. *Journal of Archaeological Science* 37: 1279–1292.
- Pollarolo, L., J. Wilkins, K. Kuman and L. Galletti (2010). Site formation at Kudu Koppie: A late Earlier and Middle Stone Age site in northern Limpopo Province, South Africa. *Quaternary International* 216: 151–161.
- Gibbon, R.J., D.E. Granger, K. Kuman and T.C. Partridge (2009). Early Acheulean technology in the Vaal River gravels, South Africa, dated with cosmogenic nuclides. *Journal of Human Evolution* 56: 152-160.
- Sutton, M.B., T.R. Pickering, R. Pickering, C.K. Brain, R. J. Clarke, J. L. Heaton and K. Kuman (2009). Newly discovered fossil- and artifact-bearing deposits, uranium-series ages, and Plio-Pleistocene hominids at Swartkrans Cave, South Africa. *Journal of Human Evolution* 57: 688–696.
- Pollarolo, L. and K. Kuman (2009). Excavation at Kudu Koppie site, Limpopo Province, South Africa. *South African Archaeological Bulletin* 64(189), 69-74.
- Kuman, K. and A.S. Field (2009). The Oldowan Industry from Sterkfontein Caves, South Africa. In K. Schick and N. Toth (eds): *The Cutting Edge: New Approaches to the Archaeology of Human Origins*. Gosport, Indiana: Stone Age Institute Press, pp 151-170.
- Kuman, K. (2007). The Earlier Stone Age in South Africa: site context and the influence of cave studies. In: T.R. Pickering, K. Schick and N. Toth (eds): *Breathing Life into Fossils: Taphonomic Studies in Honor of C.K. (Bob) Brain*. Bloomington (Indiana): Stone Age Institute Press, pp 181-198. Organised by the Stone Age Institute, Bloomington, Ind., USA, April 29-May 1, 2004.
- Reynolds, S.C., R.J. Clarke and K. Kuman 2007. The view from the Lincoln Cave: mid- to late Pleistocene fossil deposits from Sterkfontein hominid site, South Africa. *Journal of Human Evolution* 53: 260-271.
- Kuman, K., J.C. Le Baron and R.J. Gibbon (2005). Earlier Stone Age archaeology of the Vhembe-Dongola National Park (South Africa) and vicinity. *Quaternary International* 129: 23-32.
- Kuman, K., R.J. Gibbon, H. Kempson, G. Langejans, J.C. Le Baron, L. Pollarolo and M. Sutton (2005). Stone Age signatures in northernmost South Africa: early archaeology of the Mapungubwe National Park and vicinity. In

- F. D'Errico and L. Backwell (eds): *From Tools to Symbols, From Early Hominids to Modern Humans*. Johannesburg: Witwatersrand University Press, pp 163-182.
- Kuman, K., A.S. Field and J. McNabb (2005). La Préhistoire ancienne de l'Afrique méridionale: contribution des sites à hominidés d'Afrique du Sud. In M. Sahnouni (ed.): *Les Cultures Paléolithiques en Afrique*. Paris: Artcom/Errance, pp. 53-82.
- Kuman, K. (2003). Site formation in the early South African Stone Age sites and its influence on the archaeological record. *South African Journal of Science* 99: 251-254.
- Reynolds, S.C., J.C. Vogel, R.J. Clarke, and K. Kuman (2003). Preliminary results of excavations at Lincoln Cave, Sterkfontein, South Africa. Sterkfontein. *South African Journal of Science* 99: 286-288.
- Kuman, K. (2001). An Acheulean factory site with prepared core technology near Taung, South Africa. *South African Archaeological Bulletin* 55:107-122.
- Kuman, K. and R.J. Clarke (2000). Stratigraphy, artefact industries and hominid associations for Sterkfontein, Member 5. *Journal of Human Evolution* 38: 827-847.
- Kuman, K., M. Inbar and R.J. Clarke (1999). Palaeoenvironments and cultural sequence of the Florisbad Middle Stone Age hominid site, South Africa. *Journal of Archaeological Science* 26(12): 1409-1425.
- Kuman, K. (1998). The earliest South African industries. In M. Petraglia & R. Korisettar (eds): *Early Human Behavior in Global Context: The Rise and Diversity of the Lower Palaeolithic Record*. London: Routledge Press, pp. 151-186.
- Kuman, K., Field, A.S., and Thackeray, J.F. (1997). Discovery of new artefacts at Kromdraai. *South African Journal of Science* 93: 187-193.
- Kuman, K. (1996). Recent findings on the archaeology of Sterkfontein. *Kaupia, Damstadtler Beitrage zur Naturgeschichte* 6 (31-36): 31-36. For: *Four Million Years of Hominid Evolution in Africa: Papers in Honour of Dr Mary Douglas Leakey's Outstanding Contribution in Palaeoanthropology*. Aug. 1993, Arusha, Tanzania.
- Kuman, K. (1996). The Oldowan industry from Sterkfontein: raw materials and core forms. In G. Pwiti & R. Soper (eds): *Aspects of African Archaeology: Papers from the 10th Congress of the Panafrikan Association for Prehistory and Related Studies*. Harare: University of Zimbabwe Press, pp. 139-146.
- Kuman, K. (1994). The archaeology of Sterkfontein: past and present. *Journal of Human Evolution* 27: 471-495.
- Kuman, K. (1994). The archaeology of Sterkfontein: preliminary findings on site formation and cultural change. *South African Journal of Science* 90: 215-219.
- Kuman, K. (1989). *Florisbad and ≠Gi: The Contribution of Open Air Sites to Study of the Middle Stone Age in Southern Africa*. Ph.D. Dissertation, Univ. of Pennsylvania. Ann Arbor, Michigan: UMI ProQuest.
- Kuman, K. and R.J. Clarke (1986). Florisbad--new investigations at a Middle Stone Age hominid site in South Africa. *Geoarchaeology* 1(2): 103-125.

Other publications and recognised outputs

- Kuman, K. (2014). The Oldowan industrial complex. In C. Smith (ed). *Encyclopedia of Global Archaeology, Vol. 8*. New York: Springer, pp 5560-5570.
- Kuman, K. (2014). The Acheulean industrial complex. In *Encyclopedia of Global Archaeology, Vol 1*. New York: Springer, pp 7-18.
- Kuman, K. (2012). Review of J. McNabb and P. Beaumont: A report on the archaeological assemblages from excavations by Peter Beaumont at Canteen Koppie, Northern Cape, South Africa. *Azania: Archaeological Research in Africa* 47(4): 531-533.
- Kuman, K. (2010). Handy men and cultural origins. In R.J. Clarke and T.C. Partridge: *Caves of the Ape-Men: South Africa's Cradle of Humankind World Heritage Site*. Wits University Press, Chapter 5, pp. 80-105.
- Kuman, K. (2009). Invited comment on: G. Sharon, Acheulian giant-core technology: a worldwide perspective. *Current Anthropology* 50 (3): 335-367.
- Kuman, K. (2008). Review of an International Colloquium: Biface cultures of the Lower and Middle Pleistocene World. Emergence of a Sense of Harmony. *Adumatu* 17: 51-54.
- Clarke, R.J. and K. Kuman (2000). *Guide to the Sterkfontein Caves Palaeontological and Archaeological Site*. Guidebook published by the Archaeology Dept, University of the Witwatersrand, 19 pp.
- Kuman, K. (1995). Review of A. Debenath and H. Dibble: *Handbook of Paleolithic Typology, Vol. 1, Lower and*

- Middle Paleolithic of Europe. *Journal of Human Evolution* 29: 491-493.
- Kuman, K. (1994). Review of R. Singer, B. Gladfelter and J. Wymer 1993. The Lower Paleolithic Site at Hoxne, England. *South African Archaeological Bulletin* 49: 107-108.
- Kuman, K. and Shaw, A. (1997). Sterkfontein, the Story of Our Past. Script for a 22 minute educational video produced by Wits TV and Anthony Shaw.

RESEARCH GRANTS AND CITATIONS

- 2021: Palaeontological Scientific Trust grant: R60,000 for curatorial work on Sterkfontein and Swartkrans collections.
- 2021: Oppenheimer Generations grant: R100,000 for infrastructure and research at Swartkrans.
- 2016-2018: National Research Foundation, African Origins Platform research grant: for the Palaeoarchaeology of South Africa, R385,000 for running costs and R100,000 for student bursaries.
- 2013-2016: SA/China Bilateral Funding Programme, National Research Foundation: for collaborative work with the Institute of Vertebrate Paleontology and Paleoanthropology, R200,000 over two years.
- 2013-2015: National Research Foundation, African Origins Platform research grant for Cradle of Humankind (Sterkfontein, Swartkrans and Goldsmiths): R1,344,510 total for three years, including R678,016 in running costs and the remainder in student bursary funds.
- 2013-2015: National Research Foundation, African Origins Platform Technical Skills grant: R2,640,000 for employment of 11 technicians in Cradle of Humankind research.
- 2012-2017: National Research Foundation, Incentive Funding for Rated Researchers: R240,000 over six years.
- 2012-2014: National Research Foundation, Competitive Programme for Rated Researchers grant: R569,500 over three years, including R289,500 for running costs and the remainder in student bursaries.
- 2011: Palaeontological Scientific Trust grant for research, R40,000.
- 2010: Faculty of Science merit bonus of R15000 awarded for productivity in publications and student supervision.
- 2008-2011: National Research Foundation grant for Palaeoarchaeology Research Project: R484,000 over four years including R280,000 in running costs and the remainder in student bursaries. Secondment Award from the Institute for Human Evolution for 2009: award of a full one-year salary and benefit package
- 2008: for secondment of all teaching and administrative duties in 2009.
- 2007 through 2010: Palaeontological Scientific Trust grants: R50 000 to R70 000 each year, for research in Palaeoarchaeology.
- 2007: NRF researcher rating award of R20,000.
- 2006 & 2007: National Research Foundation Distinct SA Research Opportunities grant for Palaeoarchaeology Research Project: R204,000 for two years, including R134,000 in running costs and the remainder in student bursaries.
- 2006: Maropeng I' Afrika Leisure Co. grant of R120,000 for research on the Maropeng Acheulean site.
- 2004, 2005, 2006: R50,000 each year from the PalaeoAnthropology Scientific Trust grants for research in the Limpopo and Gauteng Provinces.
- 2003: DeBeers Fund Educational Trust: grant of R50,000 for fieldwork on the early archaeology of the Limpopo River basin in the Vhembe-Dongola National Park and vicinity. Wits Faculty of Science grant towards research funds.
- 2002: The L.S.B. Leakey Foundation: grant of R50,000 for the early archaeology of the Limpopo River basin.
- 2002: Wits University Research Council: grant of R23,000 for the Stone Age of the Limpopo River Basin.
- 2001: Wits University Research Council: grant of R24,527 for the Earlier Stone Age of the Shashe-Limpopo Basin, South Africa, for Stone Age sites and excavation of Earlier Stone Age sites.
- 2000: DeBeers Chairman's Fund: grant of R150,000 for purchase of a field vehicle for Sterkfontein Research Unit.
- 1999: Gauteng Department of Agriculture, Conservation and Environment: citation for participation in the nomination process of the Cradle of Humankind as a World Heritage Site, Heia Safari Ranch ceremony, 11 Dec.
- 1997: Wits University Research Council: grant of R12,500 for stable isotope analysis of Pleistocene and Holocene soil sediments from Florisbad, South Africa, for palaeoenvironmental reconstruction.
- 1997: The L.S.B. Leakey Foundation: grant of R31,000 for stratigraphic study of Sterkfontein archaeological deposits.

1996: Leakey Foundation grant for Sterkfontein Early Acheulean archaeology.
 1996: Boise Fund, University of Oxford, grant of £500 for Sterkfontein archaeology.
 1994: Leakey Foundation grant for Sterkfontein archaeology.
 1993: Boise Fund, University of Oxford, grant for Sterkfontein archaeology.
 1992-1993: J. William Fulbright Research Award, U.S. Government, for research on Sterkfontein archaeology: one-year full-time salary and travel expenses.
 1985: Boise Fund, University of Oxford, grant for \approx Gi Middle Stone laboratory work
 1982: F.M. Baldwin Fellowship, Leakey Foundation, field grant for \approx Gi Pan (Botswana) and Florisbad (S.A)
 1981: Boise Fund, University of Oxford, field grant for Florisbad
 1981: University of Pennsylvania field grant for Florisbad
 1980: University of Pennsylvania field grant for Toromoja and Gooi Pan, Botswana
 1980: Franklin Mosher Baldwin Fellowship, Leakey Foundation, for fieldwork at Toromoja & Gooi Pan, Botswana

PROFESSIONAL ORGANIZATIONS AND SERVICES

Member of the Editorial Board, 2016-present, *Acta Anthropologica Sinica*
 National Research Foundation: serving on the Earth Sciences Rating Panel, 2009 to 2011
 National Research Foundation: B2 current rating; peer-review rated scientist since 2006
 Member: Association of Southern African Professional Archaeologists
 Secretary: Working Group on Hominization, International Union for Quaternary Research (1999)
 Secretary General: Dual Congress of the International Association for the Study of Human Palaeontology and the International Association of Human Biologists (Sun City, South Africa, 1998)
 Reviewed a number of grant proposals for The L.S.B. Leakey Foundation and the National Research Foundation (SA), and one each for the National Science Foundation (USA), the Israel Science Foundation, the Social Sciences and Humanities Research Council of Canada, the National Geographic Society, and the John Templeton Foundation (USA).
 Peer reviewer for papers submitted to: Journal of Human Evolution, Journal of Archaeological Science, Journal of Archaeological Science: Reports, South African Journal of Science, South African Journal of Field Archaeology, Researches of the National Museum, South African Archaeological Bulletin, Southern African Humanities, Current Anthropology, International Journal of Evolutionary Biology, Journal of Taphonomy, PLoS One, Quaternary International, African Archaeological Review, Journal of Field Archaeology, Palaeobotany and Palynology, Azania, Science Advances, Lithic Technology, Journal of Anthropological Archaeology, Scientific Reports Nature, Journal of Archaeological Method and Theory, Archaeological Research in Asia, Oxford Research Encyclopedia of Anthropology, Journal of Quaternary Science, Evolutionary Anthropology, Journal of Paleolithic Archaeology, Science, and 'Palaeogeography, Palaeoclimatology, Palaeoecology'.

RECORD OF STUDENT SUPERVISIONS

Postdoctoral Fellows:

Dr Morris Sutton (2014-2015): The archaeology of Swartkrans, Cradle of Humankind World Heritage Site
 Dr Alexandra Sumner (Mar 2010-Apr 2012): Refitting artefacts: elucidating technology and stratigraphy in the late ESA to MSA at Kudu Koppie, northern Limpopo Province.
 Dr Ryan Gibbon (2009-2010): Stratigraphy and dating of the Acheulean in the Vaal River basin, Northern Cape Province.
 Dr Luca Pollarolo (2005-2008): Kudu Koppie: a late ESA to MSA site in the Mapungubwe National Park, northern Limpopo Province.

PhD student in progress:

Rosa Moll: (from Feb 2018): Core reduction strategies in the Early Acheulean at Sterkfontein and comparisons with East Africa. Co-supervised with D. Stratford and I. de la Torre (University College, London).

PhD graduated

Raymond Couzens: (from July 2013-2021). Spatial modelling, formation and transformation of the Member 5 Oldowan and Early Acheulean lithic artefact assemblages from Sterkfontein caves, South Africa. Co-supervised with Dominic Stratford.
 Nicole Sherwood (July 2013-2020): Analyzing lithic raw material qualities and hominid selectivity in the Early

- Palaeolithic. Co-supervised with Dominic Stratford.
- Matthew Lotter (2011-Jul 2016): Geoaerchaeology of the lower Sundays River terraces, Eastern Cape.
- Winnie Mokokwe: (2006 - 2016, part-time). Taxonomy of the fossil non-hominid primate postcrania and taphonomy and spatial distribution of fossil primates from the Sterkfontein Caves using new methods. Co-supervised with R.J. Clarke.
- Hao Li (July 2012 - Mar 2015): Large Cutting Tools in the Danjiangkou Reservoir Region, Central China: Typology, Technology and Morphology.
- Matthew Caruana (2011- April 2015). Analyzing percussive technology from the Earlier Stone Age archaeological record.
- George Michael Leader (2012 to Jan 2014). A techno-typological analysis of the earlier Acheulean assemblages at Canteen Kopje, Northern Cape Province, South Africa, with a new interpretation of the Victoria West Core phenomenon.
- Morris Sutton (2004 to 2012). The Archaeology of Swartkrans Cave, Gauteng, South Africa: New excavations Of Members 1 and 4.
- Christine Ogola (2003 to 2009): The Sterkfontein western breccias: stratigraphy, fauna and artefacts. Co-supervised with R.J. Clarke.
- Dominic Stratford (2008 to 2011): Stratigraphy and taphonomy of underground deposits in the Milner Hall, Sterkfontein Caves, Gauteng, South Africa. Co-supervised with R.J. Clarke.
- Job Kibii (2001 to 2005): Comparative taxonomic, taphonomic and palaeoenvironmental analysis of 2.6 to 3.5 million-year-old australopithecine cave infills at Sterkfontein. Co-supervised with R.J. Clarke.
- Joel Le Baron (2003-2007 upgraded from MSc). The geoaerchaeology of the Hackthorne 1 Earlier Stone Age site in the Limpopo River Valley, South Africa. Co-supervised with S. Grab.
- MSc by Research and Thesis graduated or upgraded***
- Kelita Shadrach (2016-2018): Clarifying the Fauresmith stone tool industry from Canteen Kopje, Northern Cape Province, South Africa. Co-supervised with D. Stratford.
- Recognise Sambo (2018-2020): Taxon-free ecomorphic analysis of bovids from Oldowan-period deposits at Sterkfontein and Swartkrans. Co-supervised with D. Stratford and M. del Carmen Arriaza Dorado.
- Rosa Moll (2015-2017, with distinction). A technological study of the lithic artefacts from the Earlier Stone Age site of Maropeng in the Cradle of Humankind, Gauteng, South Africa. Co-supervised with D. Stratford.
- Timothy Lambert-Law de Lauriston (April 2013-2015). An Exploration of Use-Wear Analysis on Acheulean Large Cutting Tools: The Cave of Hearths' Bed 3 Assemblage.
- Nicole Sherwood (Nov. 2013, with Distinction): Raw material selectivity through time in the Sterkfontein valley: from the Earlier to the Middle Stone Age.
- Raymond Couzens (2010 to 2012, with Distinction): An Analysis of the symmetry of Large Cutting Tools within the South African Acheulean.
- Dominic Stratford (2006-2008). A study of newly discovered lithics from Earlier Stone Age deposits at Sterkfontein, Gauteng Province, South Africa.
- George Michael Leader (7/2006 to 2009). The early Acheulean in the Vaal River basin, Rietputs Formation, Northern Cape Province, South Africa.
- Ryan Gibbon (2002 to 2004, with Distinction): The Earlier Stone Age geoaerchaeology of the northern Kruger Park.
- Joel Le Baron (2001, upgraded to PhD in 2003): The geoaerchaeology of the Hackthorne 1 Earlier Stone Age site in the Limpopo River Valley, South Africa. Co-supervised with S. Grab.
- Helen Kempson (2004 to 2007): Late Earlier Stone Age sites in the Mapungubwe National Park, South Africa: a technological study.
- Annabel Field (7/1996 to 1999, with Distinction): An analytical and comparative study of the Earlier Stone Age archaeology of the Sterkfontein valley. Co-supervised with R.J. Clarke.
- Sally Reynolds (1998 to 2001): Sterkfontein: exploration of some lesser known archaeological and fossil deposits. Co-supervised with R.J. Clarke.
- MSc by Coursework and Thesis graduated:***
- Job Kibii (7/2000 to 2001): The macrofauna from Jacovec Cavern, Sterkfontein. Co-supervised with T. Pickering.
- Morris Sutton (7/2001 to 2003): Survey of Middle Stone Age sites on the Parma farms, Limpopo River Valley, South Africa.

- Geeske Langejans (2001 to 2002, with Distinction): Proton-induced xray emission analysis as confirmation of organic residues.
- Karen van Ryneveld (2001 to 2003): Bone tools from the early hominid sites, Gauteng: an experimental approach.
- Christine Ogola (7/2001 to 2003): Taphonomy of the Cave of Hearths Acheulean fauna.
- Jarod Hutson (7/2002 to 2005): Taphonomy of the Kalkbank Middle Stone Age Site. Internal consultant: C. Cain.
- Megan Hanson (2003 to 2004): Burnt bone: a microscopic study.
- Winnie Mokokwe (2004 to 2006): Goldsmith's Site: A newly discovered Pleistocene fossil and stone tool site near Sterkfontein.

Honours Thesis students graduated or in progress:

- Kelita Shadrach (2015): Clarifying the distribution of the Oldowan stone tool assemblage within the underground chambers of the Sterkfontein Caves. Co-supervised with D. Stratford.
- Shani Reddy (2015): A hominid juvenile partial maxilla (StW 631/629) from Sterkfontein and associated artefacts. Co-supervised with R.J. Clarke, K. Carlson and D. Stratford.
- Rosa Moll (2014): Determining the variation of flaking intensity within the early Acheulean quartzite polyhedral core assemblage from Sterkfontein Caves in the Cradle of Humankind, South Africa, using 3D scanning.
- Matthew Lotter (2010): A geoarchaeological study of upper strata at Canteen Kopje, Northern Cape Province, South Africa: site formation in the Pleistocene levels.
- Ashor Sarupen (2010): The Middle Stone Age at Kudu Koppie, Northern Cape Province, South Africa.
- Tim Forssman (2008): Finding place through stones: A study of the Later Stone Age assemblage at Canteen Kopje National Heritage Site, Northern Cape.
- Lloyd Herbst (2008): The archaeology of Uitdraai, Prieska, Northern Cape.
- Helen Kempson (2004, with Distinction): The Hackthorne Earlier Stone Age site: a technological analysis and evaluation.
- Ryan Gibbon (2002, with Distinction): The Hackthorne Acheulean site, Limpopo River Valley: research methodology.
- Sally Reynolds (1998): Excavations at Lincoln Cave, Sterkfontein.
- Additional students:***
- Jason Hall (2001-2002): graduated with a Post-Graduate Diploma.
- Annie van de Venter (1999): graduated with a Post-Graduate Diploma.
- Luke Winter (2000 to May 2001/de-registered): Mind from matter: A re-assessment of Acheulean technology through refinement of the Chaîne Opératoire.
- Sarah Barrett-Jolley (2000 to May 2001/de-registered): The burning issue: an actualistic approach to the re-analysis of the Swartkrans burnt bone assemblage. Co-supervised with R.J. Clarke.
- Mike Cook (7/2002 to 2003 / de-registered): Taxonomy and Taphonomy of the Name Chamber, Sterkfontein Caves. Internal consultant: C. Cain.

CONFERENCES, SYMPOSIA, AND PUBLIC PRESENTATIONS

- K. Kuman (17-19 October, 2020. The African Stone Age and the Palaeolithic in China. Invited remote talk. Zhangjiakou International Conference (Yangyuan), Hebei Normal University, Office of the Leading Group for the 24th Winter Olympic Games in Hebei Province, Yangyuan County Government in Zhangjiakou.
- Sambo, R., Stratford, D. Arriaza, M.C., Kuman, K. (3-5 July, 2019). Taxon-free ecomorphological analysis of bovids from the Sterkfontein and Swartkrans deposits, South Africa. Poster presented at the Biennial Conference of the Association of Southern African Professional Archaeologists, Kimberley, South Africa.
- Y. Wang, K. Kuman, G. Shen (25-27-June, 2019). A brief introduction to the Palaeolithic site Xihoudu in northern China. Poster presented at the Asia Pacific Conference on Human Evolution (APCHE), Griffith University, Brisbane Australia.
- K. Kuman, M. Lotter, G.M. Leader (3-5 July, 2019). The Fauresmith at Canteen Kopje and the question of an ESA-MSA transition. Biennial Conference of the Association of Southern African Professional Archaeologists, Kimberley, South Africa.
- MAROPENG: THE FIRST OPEN-AIR ACCUMULATION OF EARLY ACHEULEAN LITHIC MATERIAL IN SOUTH AFRICA'S CRADLE OF HUMANKIND**

- Author(s): Moll, Rosa - Kuman, Kathleen - Morrissey, Peter- Stratford, Dominic (University of the Witwatersrand) Annual Meeting of the European Association of Archaeologists in Bern 2019
- R. Moll, K. Kuman, D. Stratford, I. de la Torre (10-14 Sept, 2018). Applying a technological reduction analysis to the Sterkfontein Caves Acheulean (South Africa), and implications for ESA Variability. The 15th Congress of PanAfrican Archaeological Association for Prehistory and Related Studies , Rabat, Morocco.
- M.G. Lotter, Shadrach, K., Kuman, K., Stratford, D. & Leader, G.M : Toward a definition of the Fauresmith: the view from Canteen Kopje, Northern Cape, South Africa (10-14 Sept, 2018). The 15th Congress of PanAfrican Archaeological Association for Prehistory and Related Studies , Rabat, Morocco.
- K. Shadrach, D. Stratford, K. Kuman, G.M. Leader IV, M.G. Lotter (10-14 Sept, 2018). A Geoarchaeological and Techno-Typological Investigation of the New P4W Fauresmith from Canteen Kopje, South Africa (poster). The 15th Congress of PanAfrican Archaeological Association for Prehistory and Related Studies , Rabat, Morocco.
- K. Kuman (26 Sept 2018). The African Stone Age and some important comparisons with China. Public talk given at Hebei Normal University, Shijiazhuang, China.
- K. Kuman (10 Oct 2018). The African Stone Age and some important comparisons with China. Public talk given at Yunnan University, Kunming, China.
- K. Kuman, M. Sutton, T. Pickering, J.L. Heaton, R.J. Clarke (5-7 July 2017). The Oldowan industry from Swartkrans Cave, Gauteng Cradle of Humankind. Paper presented at Association of Southern African Professional Archaeologists, Biennial Conference, University of Pretoria, Pretoria, July 5-7).
- K. Kuman (24 August 2017). Sterkfontein's archaeology: past achievements and future prospects. Invited talk at IFAS (French Institute in South Africa) seminar, University of the Witwatersrand.
- D. Granger, G. Shen, H. Tu, K. Kuman (14-18 August 2017). Isochron burial dating applied to archaeology and human evolution. Paper presented at The 14th International Conference on Accelerator Mass Spectrometry, University of Ottawa, Canada.
- K. Kuman (5-8 May 2016). Two public gallery talks given: The African Origins of Toolmaking; The Stone Age through time in Africa. The 2nd Seokjangni World Paleolithic Festival, held in Gongju city, South Korea.
- K. Kuman (15 Oct 2015). From uniface to biface: shaping of handaxes in the Acheulean. 20 Years of Franco-South African Cooperation in Archaeology, 12-16 Oct, Pretoria and Johannesburg. Main sponsor: French Embassy.
- K. Kuman (4 July 2015). The Oldowan industrial complex in Africa. Invited presentation at the Hebei Normal University, Shijiazhuang, China.
- K. Kuman (15 July 2015). Palaeoarchaeology in South Africa. Invited presentation at the Shanxi Institute of Archaeology, Taiyuan, China.
- K. Kuman, L. Hao and L. Chaorong (21 Oct 2014). Chinese Large Cutting Tools: comparisons and contrasts with the Acheulean. Keynote Address, International Symposium on Paleoanthropology in Commemoration of the 85th Anniversary of the Discovery of the First Skull of Peking Man. IVPP, Chinese Academy of Sciences, 20-24 Oct. 2014.
- K. Kuman (23 Aug 2014). Out of Africa—the successful hominids. Invited talk at the Annual Symposium of the South African Archaeological Society, Trans-Vaal Branch: From Creation to the Cradle of Humankind.
- K. Kuman (14 July 2014). The Fauresmith at Canteen Kopje, Northern Cape Province. 14th Congress of the Pan African Archaeological Association for Prehistory and Related Studies & 22nd Biennial Meeting of the Society of Africanist Archaeologists. University of the Witwatersrand, Johannesburg, SA, 14 to 18 July 2014.
- K. Kuman (30 Oct 2013). Prehistoric gems: interpreting early human behaviour from stone tool technology. Talk to the Wits Gem and Mineral Club, Geology Dept, University of Johannesburg.
- K. Kuman (5 Sept 2013). Early archaeology in China—East v. West. South African Archaeological Society, Trans-Vaal Branch, Johannesburg.
- K. Kuman, Hao Li and Chaorong Li (July 2013). Handaxe industries in China: a methodological approach and comparisons with the African Acheulean tradition. Association of Southern African Professional Archaeologists, Biennial Conference, Gaborone 3-7 July.
- Hao Li, K. Kuman and Chaorong Li (July 2013). Cleavers in China: a preliminary comparison of the Danjiangkou cleavers from central China with South African Acheulean examples. Association of Southern African Professional Archaeologists, Biennial Conference, Gaborone 3-7 July.
- R. Gibbon, D. Granger, K. Kuman, G.M. Leader, M. Lotter and T. Forssman (July 2013). Isochron burial dating of the Earlier Stone Age deposits at Canteen Kopje, South Africa. Association of Southern African Professional

- Archaeologists, Biennial Conference, Gaborone 3-7 July.
- B. Jacoby, N. Phillips, R., Clarke and K. Kuman (July 2013). Poster: New research at the Goldsmith's Pleistocene site, Cradle of Humankind World Heritage Site (Gauteng Province, South Africa. Association of Southern African Professional Archaeologists, Biennial Conference, Gaborone 3-7 July
- D. Granger, R. Gibbon, K. Kuman, M. Lotter and E. Erlanger (July 2013). Isochron burial dating method and application to an Earlier Stone Age chronosequence on the Sundays River, South Africa. Association of Southern African Professional Archaeologists, Biennial Conference, Gaborone 3-7 July.
- Lotter, M., K. Kuman, R. Gibbon and D. Granger (July 2013). The archaeology of the lower Sundays River valley, Eastern Cape Province, South Africa: an assessment of Earlier Stone Age alluvial terrace sites. Association of Southern African Professional Archaeologists, Biennial Conference, Gaborone 3-7 July.
- K. Kuman (2012). An African perspective on the handaxe industries of China. Sino-African Forum of Paleoanthropology, 29-31 May 2012. The Institute of Vertebrate Paleontology and Paleoanthropology, Chinese Academy of Sciences and the University of the Witwatersrand, South Africa
- M. Sutton, K. Kuman, R.J. Clarke, T.R. Pickering, J.L. Heaton and C.K. Brain (April 2012). The Oldowan and *Homo habilis* at Swartkrans. Paper presented at the Paleoanthropology Society annual meeting, Tennessee, USA.
- K. Kuman (2011). The secret life of early humans. Origins Centre public lecture, Feb 22, University of the Witwatersrand.
- K. Kuman (Nov 2010). The Early Acheulean of South Africa: comparisons with East Africa and implications for early human expansions. Paper presented at a workshop for The Role of Culture in Expansion of Early Humans, Nov. 9-10, University of Witwatersrand. Tuebingen University ROCEEH project.
- K. Kuman (Feb 22, 2009) Stone Age Research at Wits: from the Oldowan to final ESA & MSA. Paper presented at a workshop for The Role of Culture in Expansion of Early Humans, Iziko Museum, Cape Town. Tuebingen University ROCEEH project.
- K. Kuman (Aug 2009). The early Acheulean in South Africa. Paper presented at the 2nd East African Association for Palaeoanthropology and Palaeontology (EAAPP) Conference, Arusha, Tanzania, 16th-21st August.
- K. Kuman (Oct 2009). Large cutting tool technology in South Africa. Paper presented at: International Symposium on Paleoanthropology in Commemoration of the 80th Anniversary of the Discovery of the First Skull of Peking Man and the First Conference on Quaternary Research of Asia. Beijing, 19-23 October, 2009
- Sutton, M., T.R. Pickering, C.K. Brain, R.J. Clarke, J. Heaton and K. Kuman (March 2008). New interpretations of the Pleistocene fossil- and artifact-bearing deposits at Swartkrans Cave, South Africa. Paleoanthropology Society, Vancouver, Canada.
- R.J. Gibbon, D. Granger, T.C. Partridge, K. Kuman and G.M. Leader (March 2008). Cosmogenic burial dating of the Acheulean tool-bearing Rietputs Formation, Northern Cape Province, South Africa. Paleoanthropology Society, Vancouver, Canada.
- G.M. Leader, R.J. Gibbon, K. Kuman, D. Granger and T.C. Partridge (March 2008). New evidence suggesting organised flaking in Early Acheulean core reduction strategies, Rietputs 15, Vaal River basin (Northern Cape), South Africa. Poster presented at the Paleoanthropology Society annual meeting, Vancouver, Canada.
- Kuman, K. (May 26-28, 2008). Palaeoarchaeology Research Programme at the University of the Witwatersrand. Paper presented at the Conference in Commemoration of the 10th Anniversary of the Discovery of the Renzidong Cave and the Annual Meeting of the Paleoanthropology-Paleolithic Archeology Society and Stratigraphy-Paleontology Society under Chinese Association for Quaternary Research, Anhui, China.
- Kuman, K (June, 2008). Seminar series presented over two days at the Institute for Vertebrate Paleontology and Paleoanthropology, Beijing China: An introduction to the African Oldowan, The Oldowan in South Africa, The early Acheulean of Africa, Developments in the African ESA, and the Middle Stone Age.
- Wilkins, J.R., L. Pollarolo and K. Kuman. (Sept., 2008) Prepared core technology at Kudu Koppie and the modern human behaviour debate. Paper presented at the bi-annual meeting of the Society for Africanist Archaeology, Frankfurt, Germany.
- Kuman, K. (Sept. 17, 2008). Palaeoarchaeology in China and the question of lithic links with Africa. Paper presented at the Symposium for the Bilateral Collaboration in Palaeo Sciences between China and South Africa, Dept of Science and Technology, Sandton Convention Centre.
- Kuman, K. (June 25-30, 2007). 'The early Acheulean of South Africa: first dated sites in the Vaal basin and

- comparisons with the industry from the Gauteng early hominid sites.' Invited and funded plenary paper presented at: Les Cultures à Bifaces du Pléistocène Inférieur et Moyen dans le Monde. Émergence du Sens de l'Harmonie (Biface Cultures of the Lower and Middle Pleistocene World. Emergence of a Sense of Harmony). International Colloquium, Centre Européen de Recherches Préhistoriques de Tautavel, France. Organised by H. de Lumley, L'Institut de Palaeontologie Humaine.
- Pollarolo, L., J. Wilkins and K. Kuman (March 27-28, 2007) Interpreting an ESA-MSA stratified site at Kudu Koppie, Limpopo Province, South Africa. Poster presented at the Annual Meeting, Paleoanthropology Society, Philadelphia, USA.
- Kuman, K. (3/2007). Archaeological sites in South African settings: a walk through 2 million years of prehistory. Talk to the School of Geosciences, University of the Witwatersrand, March 1.
- Kuman, K. (2006). The contribution of Sterkfontein and associated sites to the archaeology of Africa. African Genesis: a Conference in Honour of P.V. Tobias, Jan. 8-14, 2006, University of the Witwatersrand.
- Kuman, K. (2006). The Stone Age of South Africa. Public presentation to the South African Society for Amateur Palaeontology, Sept., 14, Pretoria, at the Council for Geosciences.
- Kuman, K. (2006). Rocking the Cradle: an archaeological view of the female role in prehistory. Women's Day public talk, August 5, at Maropeng Interpretive Centre, Gauteng Province.
- Ogola, C. and K. Kuman (2006). Middle Stone Age artefacts from Sterkfontein caves, South Africa. Out of Africa: Towards Understanding Palaeoenvironments during the First "Out Of Africa." Nairobi, Kenya, 24-27 July.
- Kuman, K. (2005). The Oldowan from the South African early hominid cave infills. Invited and funded conference paper for a special Oldowan methodology workshop: Approaches to the Earliest Stone Age. Stone Age Institute, Indiana University, October 27 to 30, Bloomington, Indiana (USA).
- Kuman, K. Bone tools mimics from an early hominid site in South Africa: Drimolen. Paper presented at the 12th Pan African Congress for Prehistory and Related Studies. University of Botswana, Gaborone, Botswana, July 3-8.
- Kuman, K. (2005). An interpretive model for the Earlier Stone Age of South Africa. International Symposium on Migration and Evolution of Early Humans in the Old World. Bose, China, Dec. 5-9. Institute of Vertebrate Paleontology and Paleoanthropology, Chinese Academy of Sciences.
- K. Kuman (10/2004): The Earlier Stone Age: a review and discussion of research issues. Invited speaker at the South African Archaeological Society Annual School, Trans-Vaal Branch: From Hominid to History, 2 million years of Southern African Archaeology. Johannesburg.
- K. Kuman (4/2004): Site Context in the South African Earlier Stone Age. Invited symposiast at African Taphonomy: a Tribute to C.K. Brain. CRAFT Centre, Indiana University, Bloomington, April 28-30.
- K. Kuman (5/2004): Excursions in the early archaeology of southern Africa. Public lecture at African Taphonomy: a Tribute to C.K. Brain. CRAFT Centre, Indiana University, Bloomington, May 1.
- K. Kuman (3/2003): The Earlier and Middle Stone Age of the Limpopo River Basin, South Africa: a new research programme. Invited paper presented at a Roundtable Conference sponsored by the French Embassy, From Tools to Symbols, Johannesburg.
- K. Kuman (3/2003): Acheulean Archaeology of the Vhembe-Dongola National Park and Vicinity. Paper presented at the Biannual Meeting of the Southern African Association for Quaternary Research, Johannesburg.
- K. Kuman (3/2002): Site formation in the early South African sites and its influence on the archaeological record. Invited paper presented at the American Association of Physical Anthropologists annual meeting, Buffalo N.Y., in symposium, "Australopithecines to AMHS: Current Paleoanthropological Research in South Africa.
- K. Kuman (2000). Cultural origins. Invited paper presented at African Origins, University of the Witwatersrand Great Hall public symposium, March 25.
- K. Kuman, A. Field and J. McNabb (2000). Sterkfontein Oldowan and Early Acheulean: analytic and experimental results. Paleoanthropology Society, Annual Meeting, Philadelphia.
- K. Kuman (2000). Current research on the archaeology of Sterkfontein. Dept of Anthropology, Rutgers University, New Brunswick, U.S.A., special invited lecture.
- K. Kuman, M. Bamford, R.J. Clarke and T. Pickering (1999). Palaeoenvironments and the hominization process in the Sterkfontein valley, 3.3 to 1 million years ago. International Union for Quaternary Research, XV International Congress, The Environmental Background to Hominid Evolution in Africa.
- J. McNabb, A.S. Field and K. Kuman (1999). Experimental approaches to the Oldowan and Early Acheulean

- industries of the Sterkfontein valley. World Archaeology Congress, Cape Town.
- A.S. Field and K.Kuman (1999). Lithic allsorts: interpreting assemblage mixing in the Acheulean and the Middle Stone Age industries from Sterkfontein. World Archaeology Congress, Cape Town.
- K. Kuman (1998). Implications for early hominid behaviour from stone and bone tools of southern Africa. Dual Congress of the International Association for the Study of Human Paleontology and the Meeting of International Association of Human Biologists. Sun City, South Africa. Invited colloquialist for Hominid and Non-hominid Primate Behaviour and Lifestyles; and the Earliest Signs of Lithicultural Activities, H. Roche.
- K. Kuman (1998). Climate change and early hominids of southern Africa. School of Earth Sciences, University of the Witwatersrand: Meteorite Impacts, Extinctions and Environmental Change.
- K. Kuman (1997). Prepared core technique in the late Acheulean of South Africa: a question of transitions. Theoretical Archaeology Group Conference, University of Bournemouth, England. Invited paper for The Rise of the Modern: Behavioural and Biological Perspectives on the Evolution of Humanness, P. Quinney.
- K. Kuman, M. Inbar and R.J. Clarke (1996). Palaeoenvironmental context for Florisbad MSA. Southern African Association of Archaeologists, 14th Biennial Conference. Bloemfontein.
- K. Kuman and R.J. Clarke (1996). Artefact industries and hominid associations from Sterkfontein, Member 5. Society of Africanist Archaeologists, 13th Biennial Conference. Poznan, Poland. Invited symposiast for The Archaeology of Early Hominids and their Environments, J.W.K. Harris and M. Dominguez-Rodrigo.
- K. Kuman (1995). The Oldowan industry from Sterkfontein, Member 5. 10th Congress of the Pan African Association for Prehistory and Related Studies. Harare, Zimbabwe.
- K. Kuman and R.J. Clarke (1994). Stratigraphy and archaeology of Sterkfontein (1992-1994). Society of Africanist Archaeologists, 12th Biennial Conference. Bloomington, Indiana.
- K. Kuman and R.J. Clarke (1994). Archaeology and stratigraphy of Sterkfontein. Southern African Association of Archaeologists, 13th Biennial Conference. Pietermaritzburg, KwaZulu/Natal.
- K. Kuman (1994). A late Acheulean site with prepared core technique in the Harts River Valley near Taung. Southern African Association of Archaeologists, 13th Biennial Conference. Pietermaritzburg, KwaZulu/Natal.
- K. Kuman (1994). The archaeology of Sterkfontein. Bones of Contention, a public symposium of the Institute for the Study of Man in Africa.
- K. Kuman (1993). The archaeology of Sterkfontein. Hominid Evolution: The Southern African Contribution, a symposium of the Palaeo-Anthropology Research Unit, University of the Witwatersrand.
- K. Kuman (1993). Recent findings on the archaeology of Sterkfontein. Four Million Years of Hominid Evolution in Africa: an International Congress in Honour of Dr Mary Leakey's Outstanding Contribution in Palaeoanthropology. Arusha, Tanzania.
- K. Kuman (1985). The Middle Stone Age at ≠Gi: site formation, site disturbance, and context. South African Association of Archaeologists, Biennial Conference. Grahamstown, South Africa.