

CURRICULUM VITAE

*

James Simpson Brink

PLACE OF BIRTH: Stellenbosch, South Africa
 DATE OF BIRTH: 28 November 1957
 MARITAL STATUS: Married to Marianne (née Pretorius) – children: Maria, Willem Carel and Lilian.
 NATIONALITY: South African
 IDENTITY NUMBER: 571128 5093 081

PROFESSIONAL ADDRESS:
 Florisbad Quaternary Research National Museum
 P.O. Box 266
 Bloemfontein, 9300, South Africa

Tel. 051- 4479609
 Fax: 051- 4476273
 e-mail: jbrink@nasmus.co.za
 cell: 082 7891374

HOME ADDRESS:
 71 Paul Roux Street
 Bloemfontein, 9301, South Africa

Tel. 051-4368470

CONTENTS

- PROFESIONAL/ACADEMIC TRAINING
- PROFESSIONAL POSITIONS
- NATIONAL RESEARCH FOUNDATION (NRF) RATING
- PEER REVIEWED PUBLICATIONS IN SCIENTIFIC JOURNALS AND BOOKS
- SELECTED ABSTRACTS & PUBLISHED ABSTRACTS
- NON-REFEREED SCIENTIFIC PUBLICATIONS
- UNPUBLISHED SCIENTIFIC REPORTS
- POPULAR ARTICLES
- POSTDOCTORAL MENTOR
- STUDENT SUPERVISION, EXAMINER & TEACHING
- OTHER PROFESSIONAL ACTIVITIES
- GRANTS, AWARDS & PRIZES
- FIELDWORK
- CONFERENCES & LECTURES

PROFESSIONAL/ACADEMIC TRAINING

- **2005 D.Phil.** Dept. of Archaeology, University of Stellenbosch; Supervisor, the late Prof. H.J. Deacon; Title of dissertation: *The evolution of the black wildebeest (Connochaetes gnou) and modern large mammal faunas of central southern Africa*
- **1992 B.A.-Honours (Latin)**, University of the Free State
- **1987/88** Two-semester course in comparative osteology at the Institut für Palaeoanatomie, Domestikationsforschung und Geschichte der Tiermedizin, Faculty of Veterinary Science, University of Munich. (Comparative osteology of Old World mammals, the comparative osteology of Nile fish, the history of mammal domestication in the Middle/Near East and Europe, an introduction to bird osteology and an introduction to Latin and Greek as used in scientific nomenclature)
- **1987 M.A.** Dept. of Archaeology, University of Stellenbosch. Title of thesis: “The archaeozoology of Florisbad, Orange Free State”.
- **1980 B.A.-Honours** Dept. of Archaeology, University of Stellenbosch.
- **1978 B.A.** (Majors in Archaeology, Anthropology and Latin), University of Stellenbosch

PROFESSIONAL POSITIONS

Present positions:

- **Chief Specialist Museum Scientist and Head of the Florisbad Quaternary Research Station & Dept.**, National Museum, Bloemfontein (permanent appointment).
- **Honorary Research Associate**, Centre for Environmental Management, University of the Free State (honorary position without salary, since June 2006)
- **Associate Faculty**, Dept of Anthropology, Texas State University, San Marcos, Texas, USA (honorary position without salary, since April 2013)

Previous positions:

- 1983 – 2009 Various categories from Junior Museum Scientist – Chief Specialist Museum Scientist (National Museum, Bloemfontein) (permanent appointments)
- Sept/Oct 2001 Research Associate, Dept. of Earth Sciences, Muséum national d’Histoire naturelle, Paris (temporary position)
- 1987 – 1988 Research student, Institut für Palaeoanatomie, Domestikationsforschung und Geschichte der Tiermedizin, Faculty of Veterinary Science, University of Munich (temporary position)
- 1978 – 1980 Research Assistant, Dept. of Archaeology, University of Stellenbosch (temporary position)

NATIONAL RESEARCH FOUNDATION (NRF) RATING

C1 (2010)

PEER REVIEWED PUBLICATIONS IN SCIENTIFIC JOURNALS AND BOOKS

1. Brink, J.S. & H.J. Deacon. 1982. A study of a Last Interglacial shell midden and bone accumulation at Herolds Bay, Cape Province, South Africa. *Palaeoecology of Africa* 15: 31-39.
2. Deacon, H.J., J.Deacon, A. Scholtz, J.F. Thackeray & J.S.Brink. 1984. Correlation of palaeoenvironmental data from the Late Pleistocene and Holocene deposits at Booplaas cave, southern Cape. In Vogel, J.C. (ed.) *Late Cainozoic Palaeoclimates of the Southern Hemisphere*. A.A. Balkema. pp. 339-351.
3. Rubidge, B.S. & J.S. Brink. 1985. Preliminary survey of the extent and nature of the Pleistocene sedimentary deposits at Florisbad. *Navorsing van die Nasionale Museum, Bloemfontein* 5:69-76.

4. Rubidge, B.S. & J.S. Brink. 1986. *Life through the Ages: A guide to the Palaeontology Exhibits of the National Museum*. National Museum, Bloemfontein. 65 pp.
5. Brink, J.S. 1987. The archaeozoology of Florisbad, Orange Free State. *Memoirs van die Nasionale Museum*. 24. 151 pp.
6. Brink, J.S. 1988. The taphonomy and palaeoecology of the Florisbad spring fauna. *Palaeoecology of Africa* 19: 169-179.
7. Bousman, C.B., T.C. Partridge, L. Scott, M. Seaman, S.E. Metcalfe, J.C. Vogel & J.S. Brink. 1988. Palaeoenvironmental implications of late Pleistocene and Holocene valley fills in Blydefontein Basin, Noupoot, C.P., South Africa. *Palaeoecology of Africa* 19:43-67.
8. Brink, J.S. 1990. Middle Neolithic animal remains from Bajuwarenkaserne, district Regensburg. In J. Schibler, J. Sedlmeier & H. Spycher (eds.) *Festschrift für Hans Stampfli: Beiträge zur Archäologie, Anthropologie, Geologie und Paläontologie*. Helbing & Lichtenhahn. pp. 31-37.
9. Loubser, J., J.S. Brink & G. Laurens. 1990. Paintings of the extinct blue antelope, *Hippotragus leucophaeus*, in the eastern Orange Free State. *South African Archaeological Bulletin* 45: 106-111.
10. Partridge, T.C., D.M. Avery, G.A. Botha, J.S. Brink, J. Deacon, R.S. Herbert, R.R. Maud, L. Scott, A.S. Talma and J.C. Vogel. 1990. Late Pleistocene and Holocene climatic change in Southern Africa. *South African Journal of Science* 86: 302-306.
11. Brink, J.S. & J.A. Lee-Thorp. 1992. The feeding niche of an extinct springbok, *Antidorcas bondi* (Antilopini, Bovidae), and its palaeoenvironmental meaning. *South African Journal of Science* 88: 227-229.
12. Brink, J.S., J.J.B. Dreyer & J. Loubser. 1992. Rescue excavations at Pramberg, Jacobsdal, south-western Orange Free State. *Southern African Field Archaeology* 1: 54-60.
13. Peters, J. & J.S. Brink. 1992. Comparative postcranial osteomorphology and osteometry of springbok, *Antidorcas marsupialis* (Zimmerman, 1780) and Grey rhebok, *Pelea capreolus* (Forster, 1790) (Mammalia, Bovidae). *Navorsing van die Nasionale Museum, Bloemfontein* 8: 162-207.
14. Bender, P.A. & J.S. Brink. 1992. A preliminary report on new large mammal fossil finds from the Cornelia-Uitzoek site. *South African Journal of Science* 88: 512-515.
15. Brink, J.S. & S. Holt. 1992. A small goat, *Capra hircus*, from a Late Iron Age site in the eastern Orange Free State. *Southern African Field Archaeology* 1: 88-91.
16. Loubser, J.N.H. & J.S. Brink. 1992. Unusual paintings of wildebeest and a zebra-like animal from north-western Lesotho. *Southern African Field Archaeology* 1: 103-107.
17. Scott, L. & J.S. Brink. 1992. Quaternary palynology, palaeontology and palaeoenvironments in central South Africa. *South African Geographer* 19: 22-34.
18. Brink, J.S. 1993. Postcranial evidence for the evolution of the black wildebeest, *Connochaetes gnou*: an exploratory study. *Palaeontologia Africana* 30: 61-69.
19. Webley, L, F. Archer & J.S. Brink. 1993. Die Toon: a Late Holocene site in the Richtersveld National Park, northern Cape. *Koedoe* 36(2): 1-9.

20. Peters, J., A. Gautier, J.S. Brink & W. Haenen. 1994. Late Quaternary extinction of ungulates in Sub-Saharan Africa: a reductionist's approach. *Journal of Archaeological Science* 21: 17-28.
21. Brink, J.S. 1994. An ass, *Equus (Asinus)* sp., from late Quaternary mammalian assemblages of Florisbad and Vlakkraal, central Southern Africa. *South African Journal of Science* 90: 497-500.
22. Brink, J.S., H. de Bruijn, L.B. Rademeyer and W.A. van der Westhuizen. 1995. A new find of *Megalotragus priscus* (Alcelaphini, Bovidae) from the central Karoo, South Africa. *Palaeontologia Africana* 32: 17-22.
23. Thackeray, J.F., J.S. Brink & I. Plug. 1996. Temporal variability in horncore dimensions of *Damaliscus niro* from Olduvai, Sterkfontein, Cornelia and Florisbad. In: Stewart, K. & Seymour, K (eds.). *Palaeoecology and Palaeoenvironments of late Cenozoic Mammals: Tributes to the career of C.S. (Rufus) Churcher*. University of Toronto Press, Canada. pp. 630-636.
24. Berger, L.R. & J.S. Brink. 1996. Late Quaternary fossils, including a human patella, from the Riet River Gravels, Free State, South Africa. *South African Journal of Science* 92: 277-278.
25. Grün, R., J.S. Brink, N.A. Spooner, L. Taylor, C.B. Stringer, R.B. Franciscus, & A. Murray. 1996. Direct dating of the Florisbad hominid. *Nature* 382: 500-501.
26. Brink, J.S. & L. Webley. 1996. Faunal evidence for pastoralist settlement at Jakkalsberg, Richtersveld, Northern Cape Province. *Southern African Field Archaeology* 5(2): 70-78.
27. Brink, J.S., L.R. Berger & S.E. Churchill. 1999. Mammalian fossils from erosional gullies (dongas) in the Doring River drainage. Central Free State Province, South Africa. In: C. Becker, H. Manhart, J. Peters & J. Schibler (eds.), *Historium animalium ex ossibus. Beiträge zur Paläoanatomie, Archäologie, Ägyptologie, Ethnologie und Geschichte der Tiermedizin: Festschrift für Angela von den Driesch*. Rahden/Westf : Verlag Marie Leidorf GmbH, 79-90.
28. Brink, J.S. 1999. Preliminary report on a caprine from the Cape mountains, South Africa. *Archaeozoologia* 10: 11-26.
29. Churchill, S.E., J.S. Brink, L.R. Berger, R. A. Hutchison, L. Rossouw, D. Stynder, P. J. Hancox, D. Brandt, S. Woodborne, J. C. Looek, L. Scott, and P. Ungar. 2000. Erfkroon: A new Florisian fossil locality from fluvial contexts in the western Free State. *South African Journal of Science* 96: 161-163.
30. Eisenmann, V. & J.S. Brink. 2000. Koffiefontein 'quaggas' and true Cape quaggas: the importance of basic skull morphology. *South African Journal of Science* 96: 529-533.
31. Brink, J.S. & L. Rossouw. 2000. New trial excavations at the Cornelia-Uitzoek type locality. *Navorsing van die Nasionale Museum, Bloemfontein* 16:141-156.
32. Carrion, J.S., J.S. Brink, L. Scott, & J.N.F. Binneman. 2000. Palynology of Pleistocene hyaena coprolites from Oyster Bay, southeastern Cape coast, South Africa: the palaeo-environment of an open-air Howieson's Poort occurrence. *South African Journal of Science* 96: 449-453.
33. Brink, J.S. & Z.L. Henderson. 2001. A high-resolution Last Interglacial MSA horizon at Florisbad in the context of other open-air occurrences in the central interior of southern Africa: an interim statement. In: N. Conard (Ed.) *Middle Palaeolithic and Middle Stone Age settlement systems*. Kerns Verlag, Tuebingen. pp. 1-20.
34. Roberts, D. & J.S. Brink. 2002. Dating and correlation of Neogene coastal deposits in the Western Cape (South Africa): Implications for Neotectonism. *South African Journal of Geology* 105: 337-352.
35. Lacruz, R., J.S. Brink, P.J. Hancox, A.R. Skinner, A. Herries, P. Schmid & L.R. Berger. 2002. Palaeontology and

geological context of a Middle Pleistocene faunal assemblage from the Gladysvale Cave, South Africa. *Palaeontologia Africana* 38: 99-114.

36. Coetzee, L. & J.S. Brink. 2003. Fossil oribatid mites (Acari, Oribatida) from the Florisbad Quaternary deposits, South Africa. *Quaternary Research* 59: 246-254.

37. Scott, L., Y. Fernandes-Jalvo, J. Carrion & J.S. Brink. 2003. Taphonomy of pollen coprolites from Spain and Southern Africa. *Palaeontologia Africana* 39: 83-91.

38. Lacruz, R. P. Ungar, P.J. Hancox, J.S. Brink & L.R. Berger. 2003. Gladysvale: Fossils, strata and GIS analysis. *South African Journal of Science* 99: 283-285.

39. J.F. Thackeray & J. S. Brink. 2004. *Damaliscus niro* horns from Wonderwerk Cave and other Pleistocene sites: Morphological and chronological considerations. *Palaeontologia Africana* 40: 89-93.

40. Brink, J.S. 2004. The taphonomy of an Early/Middle Pleistocene hyaena burrow at Cornelia-Uitzoek, South Africa. *Revue de Paléobiologie* 23(2): 731-740.

41. D. Curnoe, A. Herries, J.S. Brink, P. Hopley, K. van Ryneveld, Z. Henderson & D. Morris. 2005. Beyond taung : Palaeoanthropological research at Groot Kloof, Ghaap Escarpment, Northern Cape Province, South Africa. *Nyame akuma*. 64: 58-65

42. Curnoe, D., A. Herries, J.S. Brink, P. Hopley, K. van Reyneveld, Z. Henderson & D. Morris. 2006. Discovery of Middle Pleistocene fossils and stone tool-bearing deposits at Groot Kloof, Ghaap Escarpment, Northern Cape Province. *South African Journal of Science* **102**: 180-184.

43. Codron, D., Codron, J., Lee-Thorp, J.A., Sponheimer, M., de Ruiter, D., & Brink, J.S. 2006. Dietary variation in impala *Aepyceros melampus* recorded by carbon isotope composition of feces. *Acta Zoologica Sinica*. 52(6): 1015-1025.

44. Codron, D. & J.S. Brink. 2007. Trophic ecology of two savanna grazers, blue wildebeest *Connochaetes taurinus* and black wildebeest *Connochaetes gnou*. *European Journal of Wildlife Research* 53: 90-99.

45. Codron, D., J. Lee-Thorp, M. Sponheimer, J. Codron, D. de Ruiter & J.S. Brink. 2007. Significance of diet type and diet quality for ecological diversity of African ungulates. *Journal of Animal Ecology* **76**: 526–537.

46. Webley, L. & J.S. Brink. 2006/7. Ethnographic observations on the butchering of domestic stock amongst the descendants of Nama-speaking pastoralists in Namaqualand, northern Cape. *Southern African Field Archaeology* 15 & 16: 12 – 25.

47. Codron, D., J.S. Brink, L. Rossouw and M. Clauss. 2008. The evolution of ecological specialization in southern African ungulates: competition- or physical environmental turnover? *Oikos* 117: 344-353.

48. Codron, D. J. S. Brink, L. Rossouw, M. Clauss, J. Codron, J.A. Lee-Thorp & M. Sponheimer. 2008. Functional differentiation of African grazing ruminants: an example of specialized adaptations to very small changes in diet. *Biological Journal of the Linnean Society* 94: 755–764.

49. Brink, J.S. 2008. Vertebrate remains from Sandy Bay Valley, St Helena Island, South Atlantic. Appendix in: Colin A. Lewis. The Late Glacial and Holocene avifauna of the island of St Helena, South Atlantic Ocean. *Transactions of the Royal Society of South Africa*, vol 63(2): 143 - 144.

50. Codron, D., J. Codron J. Lee-Thorp, M. Sponheimer, C.C. Grant & J.S. Brink. 2009. Stable isotope evidence for

nutritional stress, competition and loss of functional habitat as factors in limiting recovery of rare antelope in southern Africa. *Journal of Arid Environments*. 73:449-457.

51. Fernandez-Jalvo, Y., L. Scott, J.S. Carrion, G. Gil-Romera, J.S. Brink, F. Neumann & L. Rossouw. 2010. Pollen taphonomy of hyaena coprolites: an experimental approach. *Zona Arqueologica* 13: 148-156.

52. Curnoe, D. & J.S. Brink. 2010. Palaeopathology of the Florisbad Cranium. *Journal of Human Evolution* 59: 504-513

53. Ackermann, R.R., J.S. Brink, S. Vrahimis & B. de Klerk. 2010. Hybrid wildebeest (Artiodactyla: Bovidae) provide further evidence for shared signatures of admixture in mammalian crania. *South African Journal of Science*, vol. 106 No. 11/12: 90-94.

54. Manegold, A. & J.S. Brink. 2011. Descriptions and palaeoecological implications of bird remains from the Middle Pleistocene of Florisbad, South Africa. *Palaeontologische Zeitschrift* 85:19–32.

55. Manegold, A. & J.S. Brink. 2011. A chat (Saxicolinae, Muscicapidae) from the mid-Holocene of Florisbad, South Africa *Ostrich* 82(1): 57–63.

56. Codron, D., J. Hull, J. S. Brink, J. Codron, D. Ward, M. Clauss. 2011. Effect of competition on niche dynamics of syntopic grazing ungulates: contrasting the predictions of habitat selection models using stable isotope analysis. *Evolutionary Ecology Research*. 13: 217-235.

57. Lewis, P., J.S. Brink, A. Kennedy & T. Campbell. 2011. Examination of the Florisbad microvertebrates. *South African Journal of Science* 107 (7/8): 64-67.

58. Grobler, J.P., I. Rushworth, J. S. Brink, P. Bloomer, A. Kotze, B. Reilly, S. Vrahimis. 2011. Management of hybridization in an endemic species: decision making in the face of imperfect information in the case of the black wildebeest — *Connochaetes gnou*. *European Journal of Wildlife Research* 57 (5): 997-1006.

59. Berna, F., P. Goldberg, L. Kolska Horwitz, J.S. Brink, S. Holt, M. Bamford & M. Chazan. 2012. Microstratigraphic evidence of in situ fire in the Acheulean strata of Wonderwerk Cave, Northern Cape province, South Africa. *Proceedings of the National Academy of Sciences*. 109(20): E1215-E1220.

60. Brink, J.S., A.I.R. Herries, J. Moggi-Cecchi, J. A.J. Gowlett, C. B. Bousman, J. P. Hancox, R. Grün, V. Eisenmann, J.W. Adams & L. Rossouw. 2012. First hominine remains from a ~1.0 million year old bone bed at Cornelia-Uitzoek, Free State Province, South Africa. *Journal of Human Evolution*. 63: 527-535

61. Chazan, M., D.M. Avery, M. Bamford, F. Berna, J.S. Brink, S. Holt, Y. Fernandez-Jalvo, P. Goldberg, A. Matmon, N. Porat, H. Ron, L. Rossouw, L. Scott and L. Kolska Horwitz. 2012. The Oldowan horizon in Wonderwerk Cave (South Africa): archaeological, geological, paleontological and paleoclimatic evidence *Journal of Human Evolution* 63: 859-866.

62. Brink, J.S. 2012. The fauna from Lithakong. Appendix in: Kaplan, J. & Mitchell, P. The archaeology of the Lesotho Highlands Water Project Phases IA and IB. *Southern African Humanities* 24: 30 -32.

63. Backwell, L.R., T. S. McCarthy, L. Wadley, Z. Henderson, C. M. Steininger, B. deKlerk, M. Barré, M. Lamothe, B. M. Chase, S. Woodborne, G.J. Susino, M.K. Bamford, C. Sievers, J.S. Brink, L. Rossouw, L. Pollarolo, G. Trower, L. Scott, F. d’Errico. 2014. Multiproxy record of late Quaternary climate change and Middle Stone Age human occupation at Wonderkrater, South Africa. *Quaternary Science Reviews*. 99: 42–59.

64. Brink, J.S., S. Holt & L. Kolska Horwitz. 2014. Preliminary Findings on Macro-Faunal Taxonomy, Taphonomy, Biochronology and Palaeoecology from the Basal Layers of Wonderwerk Cave, South Africa. In: I.

Thiaw & H. Bocoum (eds). Proceedings of the 13th Panafrican Congress on prehistory and related studies, Dakar, November 2010. Mémoires de L'ifan - C. A. Diop, n° 93, Dakar. pp. 137-147.

65. Gowlett, John A.J., James. S. Brink, Andy I.R. Herries, Sally Hoare, Isaya Onjala & Stephen M. Rucina. In press. At the heart of the African Acheulean: the physical, social and cognitive landscapes of Kilombe. (chapter in book) Cambridge University Press.

66. Brink, J.S. In press. Faunal evidence for mid- and late Quaternary environmental change in southern Africa. In: Knight, J. and Grab, S.W. (eds) Quaternary environmental change in southern Africa: physical and human dimensions. Cambridge University Press.

SELECTED ABSTRACTS & PUBLISHED ABSTRACTS

1. Brink, J.S. 1994. An ass-like equid from late Quaternary sites in southern Africa. In M. Kokabi, J. Wahl, T. Uldin & J. Rehmet (eds.) Abstracts of the 7th International Congress of the International Council for Archaeozoology, 26 September – 2 October 1994, Konstanz, Germany.

2. Brink, J.S. 1998. New dates from Florisbad: Some implications for mid-Quaternary mammalian evolution in southern Africa. In Raath MA; Soodyall H; Barkan D; Kuykendall KL & Tobias PV (eds.) Abstracts to the contributions of the Dual Congress 1998 (Joint meeting of the International Association for the Study of Human Palaeontology and the International Association of Human Biology, 28 June - 4 July 1998, Sun City, South Africa).

3. Brink, J.S. 1998. End-Pleistocene extinction in southern Africa: The discovery of a caprine in the Cape mountains. Abstract of presentation for the 8th International Congress of the International Council for Archaeozoology, 23 – 29 August 1998, Victoria, Canada.

4. Brink, J.S. 1999. The discovery of late Quaternary caprine material (Subfamily Caprinae) in the southern and eastern Cape mountains and its bearing on the decrease of grassland availability during the early Holocene. In J. Lee-Thorp & H. Clift (eds.) *The environmental background to hominid evolution in Africa*. Abstracts of the XV International Congress of the International Union of Quaternary Research, 3-11 August 1999, Durban, South Africa.

5. Brink J.S. 2004. The evolution of the black wildebeest (*Connochaetes gnou*) as an indication of the appearance and spread of open grasslands in southern Africa. In L.C. Maul & R.-D. Kahlke (eds.) Late Neogene and Quaternary biodiversity and evolution: Regional developments and interregional correlations. *Terra Nostra, Schriften der Alfred Wegener Stiftung* 2: 81. (Abstracts of the proceedings of the VI International Palaeontological colloquium in Weimar, 25 – 30 April 2004).

6. Backwell, L.R., C.M. Steininger, J.S. Brink, J. Neveling, L. Rossouw & L. Pereira. 2007. Large mammal mass death accumulation in the Holocene of South Africa. *Palaeontologia Africana*. 42: 118.

7. Brink, J.S. 2007. Vicariance in coastal large ungulate populations during the Middle and Late Pleistocene in southern Africa. *Palaeontologia Africana*. 42: 120.

8. Curnoe, D., A. Herries, J.S. Brink, P. Hopley, K. van Reyneveld, Z. Henderson & D. Morris. 2007. Landscape evolution, palaeoclimate and Later Stone Age occupation of the Ghaap Plateau escarpment, Northern Cape Province, South Africa. *Antiquity* 81(3): 313.

9. Bousman, B., J.S. Brink, S. Tooth, E. Oksanen & H. Meier. 2007 Middle and Later Stone Age Occupations in a Late Pleistocene Terrace at Erfkroon, South Africa. Abstracts of the Society for American Archaeology 72nd Annual Meeting, April 25-29, 2007, Austin: 76.

10. Brink, J.S. R. Grün, L. Rossouw, D. Codron. 2007. Mid-Quaternary large mammal succession and extinction in southern Africa. *Quaternary International* 167-168: 46-47
11. Bousman, B., J.S. Brink, G. Trower, S. Tooth, S. Woodbourne, R. Grün, L. Rossouw, L. Scott & H. Meier. 2009. Notes From the Interior: Recent Archaeological and Paleontological Investigations at Erfkroon, South Africa *PaleoAnthropology* 2009: A5.
12. Brophy, J., D. de Ruiter & J.S. Brink. 2009. Mimosa: a new Middle Stone Age fossil locality in the Free State, South Africa. *American Journal of Physical Anthropology*, 138 (S48): 98.
13. Brink, J.S., B. Bousman & R. Grün. 2009. The Interior of Southern Africa as a Unique habitat and Evolutionary Source Area for Periodic large mammal and human Dispersals During the middle and late Pleistocene. Abstracts of the PaleoAnthropology Society 2009 Meetings..*PaleoAnthropology* 2009: A6
14. Herries, A.I.R., J.S. Brink, B. Bousman, V. Eisenmann, J. Gowlett, R. Grün, J. Hancox, J. Moggi-Cecchi, L. Rossouw. 2009. A palaeomagnetic age of about 990,000 years for the Cornelia-Uitzoek fossil vertebrate, hominin and Acheulean site. South Africa. *American Journal of Physical Anthropology*, 138 (S48): 149.
15. Herries, A.I.R., Adams, J., Braun, D., Brink, J., Brown, K., Curnoe, D., Fisher, E, Marean, C., Roberts, D. & Warr, G. 2009. Palaeomagnetism through space and time in Africa: dating landmarks in hominin and mammalian evolution. *Geological Society of Australia Abstracts* 93: 36.
16. Brink, J.S. & D.D. Stynder. 2009. Morphological and trophic distinction in the dentitions of two early alcelaphine bovids from Langebaanweg (genus *Damalacra*). *Palaeontologia Africana* 44: 148-150.
17. Bousman, B., J.S. Brink, S. Tooth, L. Rossouw, L. Scott, R. Grün, S. Barnett, M Espino & G. Trower. 2010. Middle and Later Stone Age Occupations Dating to Marine Isotope Stage 3 and 4 at Erfkroon, South Africa. Abstracts of the PaleoAnthropology Society 2010 Meeting." *PaleoAnthropology*:A4 & A5.
18. Herries, A.I.R., S. Davies, J.S. Brink, D. Curnoe, G. Warr, M. Hill, S. Rucina, I. Onjala, J. A.J. Gowlett. 2011. New Explorations and Preliminary Magnetobiostratigraphical Analysis of the Kilombe Acheulian Locality, Central Rift, Kenya. "Abstracts of the Paleoanthropology Society 2011 Meeting." *PaleoAnthropology* 2011: A16.
19. Brink, J.S. 2012. The post-1.0 Ma evolution of large mammal endemism in southern Africa in relation to East Africa and subsequent biogeographic isolation of the Cape coastal region. *Quaternary International* vol. 279–280: 69.
20. Meier, H., Bousman, C.B., Brink, J.S., Bateman, M.D., Trower, G., Grün, R., Codron, D., Rossouw, L., Ramsey, C. and Scott, L. 2012. The Middle and Late Pleistocene alluvial terraces with Middle and Later Stone Age occupations in the Modder River valley, South Africa. *Geological Society of America Abstracts with Programs*. Vol. 44, No. 7, p.569.
21. Brink, J.S., F. De Beer, J. Hoffman & L. Bam. 2013. The evolutionary meaning of *Raphicerus*-like morphology in the dentitions and postcrania of *Antidorcas bondi* (Antilopini). *Zitteliana* vol. 31 (Series B): 21.
22. Harris, J.A., M. Bar-Matthews, J.S. Brink, K. Braun, E. Fisher, Z. Jacobs, P. Karkanis & C. W. Marean. 2014. Herolds Bay Cave: New Evidence for Middle Stone Age Coastal Adaptations in Cape Province, South Africa "Paleoanthropology Society Meeting Abstracts, Calgary, Canada, 8-9 April 2014" *PaleoAnthropology* 2014:A10-A11.

1. Curnoe, D., A. Herries, J.S. Brink, P. Hopley, K. van Reyneveld, Z. Henderson & D. Morris. 2005. Beyond Taung: Palaeoanthropological research at Groot Kloof, Ghaap Escarpment, Northern Cape Province, South Africa. *Nyame Akuma* 64: 58-65.

UNPUBLISHED SCIENTIFIC REPORTS

1. Brink, J.S. 1984. Two fossil bone assemblages from the Cango Valley, southern Cape Province. (Report to Prof. H.J. Deacon, Dept. of Archaeology, University of Stellenbosch, for the Human Sciences Research Council.)
2. Brink, J.S. 1997. Report to the National Monuments Council (South African Heritage Resources Agency) on excavations of a late Quaternary carnivore lair, Besaansklip, near Saldanha, Western Cape: 30 September - 19 October 1996.
3. Brink, J.S. 1997. Assessment of the Quaternary deposits of the Cango Caves. (Report forming part of a general scientific assessment of the Cango Caves aimed at its conservation - commissioned by the Municipality of Oudtshoorn, Western Cape Province.)

POPULAR ARTICLES

1. Brink, J.S. 1983. Florisbad: 'n Beeld van die oerjagvelde van die Vrystaat. *Nasionale Museum Nuus* 25: 19.
2. Rubidge, B.S. & J.S. Brink. 1985. Geological research at Florisbad. *Nasionale Museum Nuus* 29: 6-7.
3. Brink, J.S. 1986. Florisbad: 'n kampeerterrein van meer as 40 000 jaar oud. *Nasionale Museum Nuus* 30: 22-23.
4. Brink, J.S. 1986. Die Florisbadman: Was Prof. Dreyer reg in sy interpretasie van die skedel? *Nasionale Museum Nuus* 31: 12.
5. Brink, J.S. & F. Prins. 1990. Vroeë tekens van honde in die Transkei. *Culna* 39: 20.
6. Brink, J.S. 1991. Modern people from Africa. *Culna* 41: 7-8.
7. Brink, J.S. & M. Naude. 1993. Florisbad, a research station in the Orange Free State. *Conserva* 8(3): 24.
8. Brink, J.S. 1994. Florisbad: esels vir die eerste keer in suidelike Afrika uitgeken. *Culna* 46: 26-27.
9. Brink, J.S. 1994. Florisbad: 'n nuwe dateringsmetode. *Culna* 47:14-15.
10. Brink, J.S. 1995. New archaeological discoveries (An ass-like equid, *Equus (Asinus)* sp, from Late Quaternary sites in southern Africa. Paper read at the 7th congress of the International Council for Archaeozoology, Konstanz.) *Centre for Science Development Bulletin*.
11. Brink, J.S. 1995. Die herkoms van die mens is van universele belang. *Vuka SA* 1(1): 81.
12. Brink, J.S. 1995. 'n Reuse uitgestorwe wildebees vanuit die sentraal-Karoo. *Culna* 49: 28-29.
13. Brink, J.S. 1997. Direct dating of the Florisbad fossil hominid. *Culna* 52: 7-9.
14. Brink, J.S. 2002. Discovery of the first human fossil material from Cornelia-Uitzoek, c. 800 000 years old. *Culna* 57: 4-7.
15. Brink, J.S. & S. Vrahimis. 2006. The Highveld Grasslands – Habitat for the Black Wildebeest. *ToGoTo* 16: 8-9.

16. Brink, J.S. & N.A. Avenant. 2007. The mountain reedbeek and grey rhebok. *ToGoTo* **19**: 42–43.

POSTDOCTORAL MENTOR

November 2013 – December 2014. Dr. Michael Toffolo. Collaborative work on the micromorphology of the sedimentary deposits at Florisbad, central South Africa.

February 2006 – June 2007. Dr. D. Codron. Collaborative work on herbivore ecology and palaeo-ecology using stable isotopes.

STUDENT SUPERVISION, EXAMINER & TEACHING

Supervision:

Completed:

- 2001 Mr. L. Rossouw, M.Sc. (cum laude), Bernard Price Institute for Palaeontology, University of the Witwatersrand. (Supervisor with Prof. B.S. Rubidge, Wits U.)
- 2007 Ms B. de Klerk, MSc (cum laude), Bernard Price Institute for Palaeontology, University of the Witwatersrand. (Supervisor with Dr. L. Backwell, Wits U.)
- 2008 Ms N. Vilakazi, MSc, Bernard Price Institute for Palaeontology, University of the Witwatersrand. (Supervisor with Dr. L. Backwell, Wits U.)
- 2010 Mr. Gary Trower, Masters in Environmental Management, University of the Free State (Supervisor)
- 2014 - Ms. Molly Palmison. MS, Texas State University, (Co-supervisor, with Prof. B. Bousman, Texas State U.)

Current:

- Ms. Karin Scott. MA, University of South Africa (Supervisor with Dr. M. van der Rijst, UNISA)

External examiner:

- March 2000. - Ms. L. van Pletzen, MA, Dept. of Archaeology, University of Stellenbosch
- December 2000. - Ms. H. Beukes, MA, Dept. of Anthropology, UNISA
- December 2003. - Ms. E. Marx, MSc, Dept. of Anatomy, University of Pretoria
- April 2005. - Ms. L. Hutten, MSc, Dept. of Anatomy, University of Pretoria
- August 2005. - Mr. J. Hutson. MSc, School of Geography, Archaeology & Environmental studies, University of the Witwatersrand
- February 2010 – Mr. Puleng Morake. MSc, School of Geography, Archaeology & Environmental studies, University of the Witwatersrand.
- February 2010. – Ms. Catherine Haradon, PhD, Dept. of Anthropology, George Washington University.

Informal student training at the Florisbad Quaternary Research Station:

- 1998 – 1999: Darryl de Ruiter – doctoral student (University of the Witwatersrand), now employed at the Texas A & M University, USA.
- 1999 L. van Pletzen MA student (University of Stellenbosch).
- 2001 Rodrigo Lacruz, MSc student (University of the Witwatersrand).
- 2006 Catherine Haradon, doctoral student (George Washington University, USA).
- 2008 Juliet Brophy, doctoral student (Texas A & M University, USA).
- 2009 Catherine Haradon, doctoral student (George Washington University, USA).

Occasional teaching:

- Since 1989: Occasional introductory lectures on human and mammalian evolution to undergraduate and honours students of the departments of Anthropology, Geography and Zoology, University of the Free State.
- 1997: A component on Quaternary palaeo-environments to first year students, Dept. of Geology, University of the Free State.

- October 1998: Present seminar to graduate students and lecture to faculty members, Dept of Biological Anthropology and Anatomy, Duke University
- May & June 1999: Co-instructor (with Prof. S.E. Churchill) of a field school for Duke University undergraduates: courses (1) BAA 101: Quaternary prehistory of southern Africa, (2) BAA 102L: Paleoanthropological field methods. (Part of summer foreign programme of Duke University).
- May 2004: Present seminar to postgraduate students at the Dept. of Anthropology, University of Florence, Italy.
- May 2004: Present seminar to postgraduate students at the Dept. of Earth Sciences, University of Messina, Italy.
- 2006 & 2007: Teach, with Dr. J. Botha-Brink, a palaeontology module as part of the BSc Honours course, Dept of Zoology & Entomology, University of the Free State.
- 2014: part of Course 741, Masters in Environmental Management, UFS.

OTHER PROFESSIONAL ACTIVITIES

Referee of scientific manuscripts:

- Quaternary Research
- Quaternary Science Reviews
- Journal of Human Evolution
- South African Archaeological Bulletin
- Southern African Field Archaeology
- South African Journal of Science
- South African Journal of Wildlife Management
- Annals of the Transvaal Museum
- Journal of Archaeological Science
- Quaternary International
- Paleobiology
- Paleo-3
- Journal of Mammalian Evolution
- PlosOne
- Transactions of the Royal Society of South Africa
- Earth-Science Reviews

Member of advisory & scientific bodies:

- Member of the Advisory Board, Institute for Human Evolution, University of the Witwatersrand (until May 2013, when the IHE merged with the Bernard Price Institute for Palaeontology to become the Evolutionary Studies Institute)
- Member of the Wildebeest Conservation Interest Group.
- In 2008 & 2013 External committee member for the 5-yearly review of the Bernard Price Institute for Palaeontology, University of the Witwatersrand.
- In 2014: Panel member for the evaluation of research proposals (NRF)

Member of scientific societies:

- Association of Southern African Professional Archaeologists
- South African Society for Quaternary Research, Vice-president
- South African Palaeontological Society
- East African Association for Palaeoanthropology and Palaeontology
- East African Society for Quaternary Research
- Society for Africanist Archaeologists

GRANTS, AWARDS & PRIZES

1987 Frank Schweitzer postgraduate student prize for Archaeology, Universities of Stellenbosch and Cape Town.

- 1987/88 - Deutscher Akademischer Austauschdienst (DAAD) bursary for postgraduate study at a German university.
- Center for Science Development (CSD) (now included in the National Research Foundation - NRF) grant for postgraduate study at an overseas university.
- 1989 CSD grant for the invitation of an overseas colleague to visit South Africa: Prof. A. von den Driesch, Institut für Palaeoanatomie, Universität München, Germany.
- 1993 CSD grant for the invitation of an overseas colleague: Prof. R. Grün, then Director of the Quaternary Dating Research Centre, Australian National University, Canberra, Australia.
- 1994 Foundation for Research Development (FRD) (now included in the NRF) grant to present a paper at the ICAZ conference, Konstanz, Germany, and to study osteological collections in Munich, London and Paris.
- 1997 CSD grant for the invitation of an overseas colleague: Dr. V. Eisenmann, Laboratoire de Paléontologie, Muséum national d'Histoire naturelle, Paris
- 1998 CSD grant to present a paper at the ICAZ conference, Victoria, Canada, and to give a lecture at the Dept of Biological Anthropology, Duke University, USA.
- 2001 French Dept. of Foreign Affairs grant to present a paper at the UISPP conference, Liège, Belgium, and for two months' research on North African fossil materials in the collections of the Laboratoire de Paléontologie, Muséum national d'Histoire naturelle, Paris.
- 2003 (co-investigator with Prof. B. Bousman, Texas State University) Leakey Foundation grant to do fieldwork at the fossil site of Baden Baden, central Free State, South Africa.
- 2006 Palaeontology Scientific Trust grant to do research on fossil bovids in the palaeontology collections of the National Museums of Kenya, Nairobi.
- 2006 (co-investigator with Dr. D. Codron) NRF and Palaeontology Scientific Trust grants for isotope research on fossil and modern herbivores.
- 2008 - 2010 African Origins Platform (NRF) grant for research on the evolution of modern large mammal faunas and environments in central southern Africa.
- 2009 (co-investigator with Prof. B. Bousman, Texas State University) NSF grant for archaeological research at Erfkroon, central Free State Province, South Africa.
- 2010 NRF Incentive Grant to attend the conference of the Pan African Congress on Prehistory, Dakar, Senegal.
- 2011 African Origins Platform (NRF) grant for continued research on the evolution of modern large mammal faunas and environments in central southern Africa.
- 2011 NRF Knowledge Interchange & Collaboration Grant to attend and present at the INQUA conference, Bern, Switzerland, July 2011.
- 2013 – 2015 African Origins Platform (NRF) grant for continued research on the evolution of modern large mammal faunas and environments in central southern Africa.
- 2011 -2016 NRF Incentive Funding

FIELDWORK

1976/77 and 1977/78. Student at excavations at the Boomplaas Cave site, Cango Valley, Western Cape Province, under Prof. H.J. Deacon, University of Stellenbosch. This included assistance with the removal of a stalagmite from Cango II from which a late Quaternary palaeo-temperature record was established.

1979. Recover and describe faunal remains from two Quaternary carnivore lairs on the farm Nooitgedacht, Cango Valley, as a comparison for the archaeological faunal remains from Boomplaas Cave.

1979. Excavate a Last Interglacial shell midden and bone accumulation, Herolds Bay Cave, Western Cape Province.

1983. Join the National Museum team under R.J. Clarke at Florisbad. Take responsibility for the excavation of animal remains from a Middle Stone Age occupation horizon at Florisbad as well as the re-study of existing fossil collections. This work provided the basis for my M.A. thesis (publication no. 5).

From March 1984 until the present. In charge of further excavations and research at the Florisbad Quaternary site, National Museum.

September 1987. Excavate a Mid-Late Pleistocene fossil hyaena den at Sunnyside Pan, Free State Province, with Mr.

J.C. Loock, Dept. of Geology, University of the Free State.

From 1989 - 1996. Collect at irregular intervals at Cornelia-Uitzoek fossil locality, a terminal Early Pleistocene fossil mammal site in the northern Free State Province.

1989. Rescue excavations of a Later Stone Age habitation and burial site along the Riet River, Free State Province, with J. Loubser and J. Dreyer.

1989 - present. Initiate and continue a survey and fossil-collecting programme of erosional areas (dongas) in the fluvial drainages of the central interior of southern Africa.

1991. Excavate a mid-Holocene bone accumulation near Maselspoort, Free State Province.

1993. Excavate a late Holocene hyaena accumulation at Deelpan, with L. Scott, Dept of Botany U.O.F.S.

1993. Take measurements and samples for ESR and OSL dating with R. Grün at Cornelia, Senekal and Florisbad. Arrange an expanded field timetable for R. Grün.

1994. Follow-up fieldwork at Florisbad with R. Grün (ESR and OSL dating).

1994 Initiate a survey program of river drainages in the central Free State aimed at locating Quaternary fossil localities.

March 1995. Excavate fossil remains in Pleistocene and Holocene hyaena lairs on the farm Boesmansfontein near Philippolis, Free State Province.

June 1995. Follow-up fieldwork at Florisbad with R. Grün and N.A Spooner (ESR and OSL dating).

December 1995. Excavate a complex of Mid-Holocene hyaena lairs on the farm Kareepan, District of Bloemhof, Northwest Province.

October 1996. With L. Rossouw supervise the excavation of a Late Pleistocene hyaena lair complex at Besaansklip, near Saldanha, Western Cape Province –a continuing collaborative project with the Council of Geoscience, Pretoria.

April. 1996. Excavate with L. Rossouw a hyaena-collected fossil bone accumulation on the farm Nooitgedacht, Cango Valley, southern Cape.

June 1996. Fieldwork with L.R. Berger and S.E. Churchill in erosional areas (dongas), Free State Province.

September 1996. A contract study of the Quaternary deposits of the Cango tourist cave near Oudtshoorn, southern Cape.

June/July 1997. Discovery of the Erfkroon fossil site, central Free State Province.

1998 – present. Yearly field seasons of systematic excavation at the Cornelia-Uitzoek locality.

July/August 1998. Excavate at Erfkroon, a new Florisian (mid-late Quaternary) site on the Modder River, central Free State Province.

July/Augusts 1999. Fieldwork at Erfkroon with S. Churchill and undergraduate students of Duke University, Durham, North Carolina.

March 2001. Sampling for ESR with Prof Rainer Grün, Australian National University, at Cornelia-Uitzoek,

Erfkroon and at other mid-Quaternary fossil localities in the central interior.

July/August 2003. Fieldwork with Prof. Britt Bousman, Texas Sate University.at the Baden Baden spring site, Free State Province.

2005 - 2008. Yearly field seasons with Dr. Lucinda Backwell, J. Hancox and C. Steininger, BPI (Palaeontology), Wits University, and J. Neveling, Council for Geoscience, Pretoria, fieldwork at Heelbo, a mid-Holocene bone occurrence near Rosendal, Free State Province.

July/Augusts 2006. Resume systematic fieldwork at Erfkroon, with Prof. Britt Bousman, Texas Sate Univ.

August 2006. Palaeomagnetic sampling at Cornelia-Uitzoek with Prof. Britt Bousman, Texas Sate Univ.

September 2007. Excavations at Cornelia-Uitzoek, North-east Free State Province.

May 2008. Excavations at Cornelia-Uitzoek, North-east Free State Province.

July 2008. Field survey for possible Tertiary fossil occurrences in the central-West Karoo (with D. Curnoe, J. Gowlett & A. Herries).

July/August 2008, May 2009 May 2010 & August 2011. Further palaeomagnetic sampling at Cornelia-Uitzoek with Dr. Andy Herries, La Trobe University, Asutralia.

Sept 2008, Sept 2009 & August 2010, Aug 2011, July 2012 & June 2013. Fieldwork at Erfkroon, Modder River, central Free State Province, with Prof Britt Bousman Texas Sate University.

May 2009, 2010, 2011, 2012, 2013 & 2014: Excavations at Cornelia-Uitzoek, North-east Free State Province.

June/July 2009 & 2010. Excavations at Kilombe Acheulean site, central Rift Valley, Kenya, with Prof. John Gowlett, Liverpool University.

May 2011, 2012 & 2013. Continued excavations at Cornelia-Uitzoek, north-eastern Free State Province.

July 2013 & 2014. A short field season with Prof. J. Gowlett at Kilombe and Chesowamja, central Rift Valley, Kenya.

CONFERENCES & LECTURES

1981 - Biennial Conference of the South African Society for Quaternary Research (Pretoria). Paper: J.S. Brink & H.J. Deacon. A study of a Last Interglacial shell midden and bone accumulation at Herolds Bay, Cape Province, South Africa.

1984 - Biennial Conference of the South African Palaeontological Society (Stellenbosch). Paper: Fossil mammal remains from Florisbad, Orange Free State.

1985 - Biennial Conference of the Southern African Association of Archaeologists (Grahamstown). Paper: J.S. Brink. The ecological niche of the Middle Stone Age inhabitants of Florisbad.

1985 - Biennial Conference of the South African Society for Quaternary Research (Stellenbosch). Poster paper: J.S. Brink. The taphonomy of the Florisbad Old Collection.

1986 - Biennial Conference of the South African Palaeontological Society (Cape Town). Paper: J.S. Brink & J. Lee-Thorp. The feeding niche of an extinct springbok, *Antidorcas bondi*.

1987 - Member of the Organizing Committee for the biennial Conference of the South African Society for Quaternary Research (Bloemfontein). Assist in arranging a special session on Florisbad at the Florisbad Research Station, National Museum. Papers:

1. J.S. Brink. The taphonomy and palaeontology of the Florisbad Old Collection.
2. B. Bousman, J.S. Brink, S. Metcalf, T.C. Partridge, L. Scott, M. Seaman & J.C. Vogel.

Palaeoenvironmental implications of Late Pleistocene and Holocene valley fills in the Blydefontein Basin, Noupoort, Cape Province: Biological evidence and synthesis.

1990. Conference on Geosphere-Biosphere Change in Southern Africa (Cape Town). Paper: Large Mammals as indicators of environmental change in the Holocene and the Late Pleistocene of Southern Africa.

Biennial conference of the South African Society for Quaternary Research (Durban). Invited paper: Large mammals as indicators of late Quaternary environmental change.

Arrange mid-conference excursion to the Florisbad Research Station for the annual conference of the South African Museums Association (Bloemfontein).

1991. Biennial conference of the South African Palaeontological Society (Golden Gate). Paper: J.S. Brink & J.C. Loock. A fossil hyaena lair from Sunnyside Pan, district of Brandfort.

Poster papers: 1. J.S. Brink & H. Gerstner. Palaeoecological implications of new mammalian remains from Deelpan, a late Holocene hyaena den.

2. P. Bender & J.S. Brink. New large mammal fossil finds from Cornelia.

Biennial Conference of the Southern African Association of Archaeologists (Kimberley).

Poster papers: 1. J.S. Brink & J.N.F. Binneman. Unusual mortality profiles in sheep from the South-Eastern Cape Province.

2. F. Prins & J.S. Brink. Faunal remains from Ntsitsana, an Early Iron Age site in the Transkei.

Biennial conference of the South African Society for Quaternary Research (Port Elizabeth). Paper: J.S. Brink. The evolution of the black wildebeest, *Connochaetes gnou*, in the context of southern grasslands.

1992. Biennial conference of the South African Palaeontological Society (Wits University). Paper: The fossil history of the black wildebeest, *Connochaetes gnou*, in South Africa.

Poster paper: An exploratory study of horns of *Damaliscus niro* from Sterkfontein, Olduvai, Florisbad and Cornelia (with J.F. Thackeray and I. Plug)

Biennial Conference of the Southern African Association of Archaeologists (Cape Town). Paper: J.S. Brink. Large mammalian extinction as evidence for generally higher rainfall conditions in pre-Holocene times.

1993. Biennial conference of the South African Society for Quaternary Research (Kimberley). Paper: J.S. Brink. The palaeoenvironmental meaning of a new extinct ungulate for southern Africa.

Poster paper: J.S. Brink & J.N.F. Binneman. The palaeoecology of fossil mammal remains from the Oyster Bay dunefields, South-Eastern Cape.

1994. Biennial conference of the South African Palaeontological Society (Grahamstown). Paper: A new ungulate species from the Cango Valley, southern Cape.

Poster paper: An ass-like equid from Florisbad and Vlakkraal.

Four yearly conference of the International Council for Archaeozoology (Konstanz, Germany). Paper: An ass-like equid from Late Quaternary sites of Florisbad and Vlakkraal.

1995. Biennial conference of the South African Society for Quaternary Research (Cape Town) Paper: J.S. Brink. A Late Pleistocene caprine from the Cango Valley, southern Cape.

11th Congress of the Pan African Archaeological Association for Prehistory and Related Studies, Gaborone, Botswana. Present lecture (with R Grün) "Direct dating fo the Florisbad hominid"

1996. Biennial conference of the South African Palaeontological Society (Stellenbosch) Paper "A discovery of a complete skull of a caprine from the Cango Valley, southern Cape." Poster paper 1 (with Rainer Grün) "Direct dating of the Florisbad human skull."

Poster paper 2 (with Mr Lloyd Rossouw) "Holocene and Late Quaternary hyaena accumulated animal remains from Boesmansfontein, district of Philippolis."

Biennial Conference of the Southern African Association of Archaeologists (Bloemfontein) - co-organisator. Paper "A Late Pleistocene caprine and its position within the Florisian Land Mammal Age"

* Also presented a guided tour of the Florisbad fossil site (with Z. Henderson en K. Kuman)

1997. Biennial conference of the South African Society for Quaternary Research (Grahamstown). Paper (with J. Binneman). "Oyster Bay: an open-air Howiesons Poort locality".

1998. Four-yearly conference of the International Council for Archaeozoology (Victoria, Canada). Paper: "A caprine from the Cape mountains, South Africa".

Biennial conference of the South African Palaeontological Society (Windhoek - Paper with V. Eisenmann): "The identity of *Equus capensis*".

Dual Congress (Human palaeontology/human biology) (Sun City, South Africa). Paper (with Rainer Grün): "New dates from Florisbad: evidence for stability in mid-Quaternary mammalian evolution".

1999. IUPPS conference, "Mousterian and Middle Stone Age Settlement Systems", (Tübingen) – Invited contribution Paper (with Z.L. Henderson as co-author) "A high-resolution Middle Stone Age horizon at Florisbad in the context of other open-air occurrences in the central interior of southern Africa".

1999. Four-yearly INQUA conference (Durban). Poster paper: "The discovery of a caprine (Subfamily Caprinae) from mountainous areas in southern Africa".

2000. Biennial conference of the South African Palaeontological Society (Pretoria): Paper: "Middle Pleistocene mammalian and human evolution: new evidence form the Cornelia-Uitzoek type locality".

2001. Congress of the International Union of Pre- and Protohistoric Sciences, Liège, Belgium – Present paper.

2002. Biennial conference of the South African Palaeontological Society, Bloemfontein

- Chairman of organizing committee.

2003. Biennial conference of the South African Society for Quaternary Research, Johannesburg. Present co-authored paper (with L. Rossouw, J. Moggi-Cecchi and R. Grün): "The human molar and associated mammal fauna from Cornelia-Uitzoek: new results".

Arrange a workshop on wildebeest conservation at the Florisbad Quaternary Research Station.(in collaboration with the Free State Dept. of Environmental Affairs and Tourism, Bloemfontein).

2004. The VI International Palaeontological Colloquium in Weimar Late Neogene and Quaternary biodiversity and evolution: Regional developments and interregional correlations, Weimar, Germany. Present paper: "The evolution of the black wildebeest (*Connochaetes gnou*) as an indication of the appearance and spread of open grasslands in southern Africa".

Biennial Conference of the Southern African Association of Archaeologists, Kimberley. Present paper. "The evolution of the black wildebeest (*Connochaetes gnou*) as an indication of the appearance and spread of open grasslands in the central interior of southern Africa".

2005. Biennial conference of the South African Society for Quaternary Research, Bloemfontein:

- Member of the organizing committee.
- Present poster: "Large mammal evidence for an aquatic ecosystem during the Middle and Late Pleistocene in central southern Africa"
- Co-author on poster (with N.L. Avenant) "The relevance of modern predator-prey interactions in the interpretation of fossilised remains of barn owl pellets"

2005. 12th Congress of the Pan African Archaeological Association for Prehistory and Related Studies, Gaborone, Botswana. Present lecture. "Large mammal evidence for the existence of an aquatic ecosystem during the Middle and Late Pleistocene in central southern Africa".

2005. 'Story of Life', a day of lectures presented by the BPI (Palaeontology), University of the Witwatersrand, Johannesburg. Present lecture. "Caenozoic mammal evolution in Africa".

2005. Seminar day at the Department of Zoology and Entomology, University of the Free State. Present guest lecture. 'The legacy of Prof. T.F. Dreyer and the origin of modern large mammal faunas of southern Africa'.

2006. African Genesis Conference – In honour of the 80th birthday of Prof. P.V. Tobias and the discovery of the Taung child – University of the Witwatersrand, Johannesburg. Present paper. 'The evolution of endemic large mammal faunas and modern environments in southern Africa'.

2006. Biennial conference of the South African Palaeontological Society, Bloemfontein. Present oral papers:

- Brink, J.S. 'Vicariance in coastal large ungulate populations during the Middle and Late Pleistocene in southern Africa'
- Backwell, L.R., C.M. Steininger, J.S. Brink, J. Neveling, L. Rossouw & L. Pereira. 2007. 'Large mammal mass death accumulation in the Holocene of South Africa'.

April 2007. Biennial conference of the South African Society for Quaternary Research, Howick. Present oral paper (with L Rossouw and D Codron):

- 'Climate driven vicariance in Pleistocene ungulate populations on the Cape coastal zone of southern Africa'

August 2007. INQUA conference, Cairns, Australia. Present oral paper (with R. Grün, L. Rossouw & D. Codron):

- 'Mid-Quaternary large mammal succession and extinction in southern Africa.'

March 2008. Symposium "Rhenish Shield meets Gondwana", held at the Dept of Geology, University of the Free State.

- 'Late Cainozoic mammal evolution in southern Africa'.

September 2008. . Biennial conference of the South African Palaeontological Society, Matjesfontein, Western Cape Province. Present oral paper:

- Oral presentation J.S. Brink & D.D. Stynder. Morphological and trophic distinction in the dentitions of two early alcelaphine bovids from Langebaanweg (genus *Damalacra*)

March 2009. Conference of the Paleoanthropology Society, Chicago. Poster presentations:

- Bousman, J.S. Brink, G. Trower, S. Tooth, S. Woodbourne, R. Grün, L. Rossouw, L. Scott & H. Meier.

2009. Notes From the Interior: Recent Archaeological and Paleontological Investigations at Erfkroon, South Africa.

- Brink, J.S., B. Bousman & R. Grün. 2009. The Interior of Southern Africa as a Unique habitat and Evolutionary Source Area for Periodic large mammal and human Dispersals During the middle and late Pleistocene.

April 2009. Conference of the American Association of Physical Anthropologists, Chicago.

- Poster presentation: Herries, A.I.R., J.S. Brink, B. Bousman, V. Eisenmann, J. Gowlett, R. Grün, J. Hancox, J. Moggi-Cecchi, L. Rossouw. 2009. A palaeomagnetic age of about 990,000 years for the Cornelia-Uitzoek fossil vertebrate, hominin and Acheulean site.

- Poster presentation: Brophy, J., D. de Ruiter & J.S. Brink. 2009. Mimosa: a new Middle Stone Age fossil locality in the Free State, South Africa.

November 2010. Pan African Congress on Prehistory, Dakar. Oral presentation:

- Oral presentation: Brink, J.S., S. Holt & L. Horwitz. Oldowan-Early Acheulean Macro-Fauna from the Basal Layers of Wonderwerk Cave, South Africa: Taxonomy, Paleocology and Taphonomy

Poster presentation:- Brink, J.S. The evolution of biogeographic distinctiveness in the southern African mammal record.

November 2010. 2nd Langebaanweg Symposium, Cape Town.

- Oral presentation: Brink, J.S., A., Herries & E. Mbua. The temporal range of the Cornelian Land Mammal Age in southern Africa and its bearing on the age of the Elandsfontein hominine

- Poster presentation: Brink, J.S. The osteology and body plan of *Damalacra neanica* (Alcelaphini, Bovidae) in an evolutionary context.

July 2011 Conference of the International Society for Quaternary Research, Bern:

- Poster presentation: James S. Brink, Rainer Grün, Andrew I.R. Herries, John A.J. Gowlett & C. Britt Bousman. The post-1.0 Ma evolution of large mammal endemism in southern Africa in relation to East Africa and subsequent biogeographic isolation of the Cape coastal region.

- Oral presentation: John A.J. Gowlett, James S. Brink, Darren Curnoe, Andrew I.R. Herries, Sally Hoare, Fabienne Marret-Davies, Isaya Onjala, Stephen Mathai Rucina, Natalie Uomini, & Ginette Warr. Environment and archaeology of the Acheulean main site at Kilombe, Kenya: before and after the eruption.

June 2012 Conference of the Society for Africanist Archaeologists:

- Oral presentation: Bousman, C.B. & Brink, J.S. Baden-Baden—a Smithfield Antelope Kill Site in the western Free State, South Africa

- Brink, James & Horowitz, Liora Kolska: The large vertebrate fauna from Wonderwerk Cave and its bearing on the Mid-Quaternary mammalian biochronology of southern Africa.

July 2013 Conference of the East African Society for Quaternary Research, Nanyuki, Kenya.

- Oral presentation: JS Brink & E Mbua. “New antilopine discoveries in the Olduvai sequence and implications for the Pleistocene mammalian biogeography of East and Southern Africa”

September 2013 International Conference on Ruminant Phylogenetics, Munich 2013 – ICRPM13.

- Oral presentation: JS Brink, F de Beer, J Hoffman & L Bam. “The evolutionary meaning of Raphicerus-like morphology in the dentitions and postcrania of *Antidorcas bondi* (Antilopini)”

September 2013 Imaging with Radiation – 1st National Conference and Workshop at Necsa.

- Oral presentation: JS Brink, F de Beer, J Hoffman & L Bam. Evolutionary shifts in the dentitions of the extinct Bond's springbok, *Antidorcas bondi* “

July 2014 “From Past to Present – a Tribute to Louis Scott” (Bloemfontein) – Chairman of organising committee.

September 2014 “Tracing human history in southern Africa using genetics and archaeology”, September 2014, Visby, Sweden: Invited speaker “Large mammal dispersals and *in-loco* evolution during the Mid to late Quaternary in southern Africa.”