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**Centre for the Exploration of the Deep Human Journey**  
University of the Witwatersrand  
Johannesburg 2050  
South Africa

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## CITATIONS OVERVIEW

Scopus *h* index = 40; number of citations = 4949  
Web of Science *h* index = 38; number of citations = 4616  
Google Scholar *h* index = 50; number of citations = 8722; *i10* index = 78

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## EDUCATION

2001 Doctor of Philosophy in Palaeoanthropology, School of Anatomical Sciences, University of the Witwatersrand, South Africa. Dissertation: *A Methodological Analysis of the Relative Abundance of Hominids and other Macromammals from the Site of Swartkrans, South Africa*

1995 Master of Arts in Anthropology, University of Manitoba, Winnipeg, Manitoba, Canada

1992 Bachelor of Arts in Anthropology (Adv), University of Manitoba, Winnipeg, Manitoba, Canada

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## PROFESSIONAL EMPLOYMENT

2019 – **Department Head**, Department of Anthropology, Texas A&M University

2013 – **Professor**, Department of Anthropology, Texas A&M University

2021 – **Research Associate**, Centre for the Exploration of the Deep Human Journey, University of the Witwatersrand

2017 – 2019 **Associate Department Head**, Department of Anthropology, Texas A&M University

2013 – 2021 **Honorary Reader**, Evolutionary Studies Institute, University of the Witwatersrand

2013 – 2017 **Cornerstone Faculty Fellow in Liberal Arts**, Texas A&M University

2009 – 2013 **Associate Professor**, Department of Anthropology, Texas A&M University

2009 – 2013 **Honorary Reader**, Institute for Human Evolution, University of the Witwatersrand

2003 – 2009 **Assistant Professor**, Department of Anthropology, Texas A&M University

2003 – 2009 **Research Associate**, Bernard Price Institute for Palaeontology, University of the Witwatersrand

2001 – 2003 **Research Officer**, Palaeoanthropology Unit for Research and Exploration, Bernard Price Institute for Palaeontology, University of the Witwatersrand

2001 – 2003 **Assistant Curator**, Cenozoic Mammal Collection, Bernard Price Institute for Palaeontology, University of the Witwatersrand

1998 – 2000 **Junior Lecturer**, Department of Anatomical Sciences, University of the Witwatersrand

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**RESEARCH**

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**Interests**

Cranio-dental anatomy and evolution of fossil hominins of South Africa, including *Australopithecus* and early *Homo*. Principal focus is on the recently named *Australopithecus sediba* from Malapa and *Homo naledi* from Rising Star in South Africa.

Paleoecology of hominins and their surrounding animal communities. Interactions between environment, ecology, climate and interspecific competition in mammalian evolution; in particular, as relates to hominin evolution.

Isotopic analysis of early hominin diet, and early hominin ranging and reproductive behavior in South Africa. In particular, analysis of dietary patterns of South African hominins via  $^{12}\text{C}/^{13}\text{C}$  isotope ratios in dental enamel, in comparison with modern African ecosystems. Analysis of early hominin ranging and reproductive patterns via  $^{86}\text{Sr}/^{87}\text{Sr}$  analysis of geological substrates and biotic materials in the Sterkfontein Valley, South Africa.

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**Field and Laboratory Experience**

I have been involved in the excavation, preparation, description, and analysis of vertebrate faunal material, including hominins, from the following South African sites: Malapa, Rising Star, Swartkrans, Sterkfontein, Makapansgat, Taung, Kromdraai, Coopers, Drimolen, Gladysvale, Plovers Lake, Motsetse, Gondolin, Matjhabeng, Mimosa, Buffalo Cave, and Erfkroon. I have been involved in the collection of fossil material from the Pliocene deposits of northern Chad, at the following localities: Koro Toro, Kossum Bogoudi.

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**Membership in Learned Societies**

American Association of Biological Anthropologists (AABA) since 1997

Paleoanthropology Society since 1997

Palaeontological Society of Southern Africa (PSSA) since 1999 (Vice President, 2002-03)

Texas Association of Biological Anthropologists (TABA) since 2007 (President 2007-08)

American Homebrewers Association since 2012

American Association for the Advancement of Science (AAAS) since 2016

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**Honors and Awards**

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| 2021 –      | Research Fellow, Centre for the Exploration of the Deep Human Journey, University of the Witwatersrand, South Africa  |
| 2016        | Distinguished Achievement Award in Research, The Association of Former Students of Texas A&M University   |
| 2016        | Faculty Development Leave   |
| 2014 – 2017 | Cornerstone Faculty Fellowship, College of Liberal Arts, Texas A&M University – four-year appointment (\$7500 annual stipend).  |
| 2014        | National Research Foundation (South Africa) Science Team Award for Rising Star Expedition – award shared with several international colleagues for research at the Rising Star Cave Site. |
| 2013 – 2021 | Honorary Reader, Evolutionary Studies Institute, University of the Witwatersrand.   |
| 2010        | Faculty Development Leave   |
| 2009 – 2012 | Ray A. Rothrock '77 Fellowship, College of Liberal Arts, Texas A&M University – three-year appointment (\$5,000 annual stipend).  |
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2002 Richard Carley Hunt Postdoctoral Fellowship, Wenner-Gren Foundation for Anthropological Research

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**Grant Funding**

2016 NSF Doctoral Dissertation Improvement Grant with Mr. Timothy Campbell.  
“Reconstructing Hominin Paleoenvironments using Rodent Postcranial Remains” (\$7759)

2014 Liberal Arts Seed Grant Program, TAMU  
“Investigation of several new hominin fossil skeletons in South Africa.” (\$15,000)

2011 International Research Travel Assistance Grant, TAMU  
“Investigation of new hominin fossils from Malapa, South Africa.” (\$4,762)

2010 Program to Enhance Scholarly and Creative Activities, TAMU  
“Investigation of new australopithecine fossils from Malapa, South Africa.” (\$10,000)

2009 Palaeontological Scientific Trust (RSA)  
“Palaeoanthropological Investigation of Matjhabeng, Free State, South Africa.” (ZAR 50,000 = \$5,115 in 2009)

2008 Big XII Faculty Fellowship from the College of Liberal Arts, Texas A&M University, to conduct collaborative research with Matt Sponheimer at the University of Colorado at Boulder (\$776)

2008 Palaeontological Scientific Trust (RSA)  
“Paleoanthropological Investigation of the Pliocene Virginia Railway Cut Site, Free State, South Africa.” (ZAR 43,000 = \$5,800 in 2008)

2007 Wenner-Gren Foundation for Anthropological Research  
“Paleoanthropological Investigation of Meloding, and Early Pliocene Fossil Locality in the Free State, South Africa.” (\$24,550)

2007 TAMU International Research Travel Assistance Grant  
“Isotopic analysis of fossil mammals from the early Pliocene site of Meloding in the Free State of South Africa.” (\$2,200)

2007 Palaeontological Scientific Trust (RSA)  
“Paleoanthropological Investigation of the Pliocene Virginia Railway Cut Site, Free State, South Africa.” (ZAR 40,000 = \$5,515 in 2007)

2006 Wenner-Gren Foundation for Anthropological Research  
“Paleoanthropological Investigation of the Pliocene Virginia Railway Cut Site, Free State, South Africa.” (US\$ 24,220)

2006 TAMU Faculty Research Enhancement Program  
“Paleoenvironments of Middle Stone Age People in South Africa.” (US\$ 4,750)

2005 TAMU International Research Travel Assistance Grant  
“Climate Change, Ecological Variability and Faunal Evolution in the Plio-Pleistocene of South Africa.” (US\$ 1,800)

2003 TAMU International Research Travel Assistance Grant  
“A comparative analysis of early hominid fossils in South Africa.” (US\$ 3,250)

2003 Palaeo-Anthropological Scientific Trust Travel Grant (RSA)

- Travel to the 72<sup>nd</sup> Annual Meeting of the American Association of Physical Anthropologists, Tempe, AZ. (ZAR 20,000 = \$2,527 in 2003)
- 2002 Wenner-Gren Foundation for Anthropological Research, Richard Carley Hunt Postdoctoral Fellowship  
“Palaeodemography and Palaeoenvironment of Hominins in the Plio-Pleistocene Fossil Deposits of the Sterkfontein Valley, South Africa.” (US\$ 7,575)
- 2002 Palaeo-Anthropological Scientific Trust Travel Grant (RSA)  
Travel to the 71<sup>st</sup> Annual Meeting of the American Association of Physical Anthropologists, Buffalo, NY. (ZAR 16,000 = \$1,427 in 2002)
- 2001 Palaeo-Anthropological Scientific Trust Travel Grant (RSA)  
Travel to the 70<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Kansas City, MO. (ZAR 16,000 = \$1,985 in 2001)
- 2001 Palaeo-Anthropological Scientific Trust Research Grant (RSA)  
Research into newly recovered hominin fossil material from Swartkrans and Sterkfontein. (renewed ZAR 14,500 = \$1,800 in 2001)
- 2000 Palaeo-Anthropological Scientific Trust Research Grant (RSA)  
Research into newly recovered hominin fossil material from Swartkrans and Sterkfontein. (ZAR 26,965 = \$4,115 in 2000)
- 2000 Palaeo-Anthropological Scientific Trust Travel Grant (RSA)  
Travel to the Canadian Association of Physical Anthropologists, Burlington, Ontario, Canada. (ZAR 6,000 = \$915 in 2000)
- 2000 Palaeo-Anthropological Scientific Trust Travel Grant (RSA)  
Travel to the 69<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, San Antonio, Texas. (ZAR 14,600 = \$2,228 in 2000)
- 2000 Palaeoanthropology Society Award  
Travel to the Annual Meeting of the Paleoanthropology Society, Philadelphia, PA. (US\$500)
- 2000 University of the Witwatersrand Travel Grant  
Travel to the 8<sup>th</sup> Biennial Meeting of the Palaeontology Society of Southern Africa, Pretoria, South Africa. (ZAR 400 = \$61 in 2000)
- 1999 Palaeoanthropology Unit for Research and Exploration (RSA)  
Special grant for research into Quaternary vertebrate faunal assemblages of the Free State, South Africa. (ZAR 2,830 = \$461 in 1999)
- 1998-2000 Palaeo-Anthropological Scientific Trust Research Grant (RSA)  
“A Methodological Analysis of the Relative Abundance of Hominids and other Macromammals from the Site of Swartkrans, South Africa.” (ZAR 64,650 = \$9,865 in 2000)
- 1998-2000 Palaeoanthropology Unit for Research and Exploration (RSA)  
Student Bursary (ZAR 84,000 = \$12,817 in 2000).
- 1998-2000 South African Foundation for Research and Development Doctoral Scholarship (ZAR 63,000 = \$9,612 in 2000)
- 1997 University of the Witwatersrand Travel Grant  
Travel to the 66<sup>th</sup> Annual Meeting of the AAPA, St. Louis, MO. (ZAR 6,000 = \$1,353 in 1997)

- 1996-1999 J.J.J. Smieszek Fellowship for Palaeo-Anthropology. (ZAR 6,399 = \$1,042 in 1999)
- 1996-1998 University of the Witwatersrand Postgraduate Merit Award. (ZAR 36,552 = \$7,256 in 1998)

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**Peer-reviewed Journal Publications**

Skinner, M.M., Imbrasas, M., Martin, R., Davies, T., Tawane, M., Hublin, J.-J., Pickering, T.R., **de Ruiter, D.J.** (in press). Microtomographic archive of fossil hominin specimens from Swartkrans (1948-1967), South Africa. *PaleoAnthropology*.

**de Ruiter, D.J.** (in press). Previously undescribed hominin cranio-dental remains from Swartkrans Cave, South Africa. *Annals of the Ditsong Museum of Natural History*.

Deleuzene, L.K., Skinner, M.M., Bailey, S., Brophy, J.K., Elliot, M., Gurtov, A., Irish, J.D., Moggi-Cecchi, J., **de Ruiter, D.J.**, Hawks, J., Berger, L.R. (2023). Descriptive catalogue of *Homo naledi* dental remains from the 2013–2015 excavations of the Dinaledi Chamber, Site U.W. 101, within the Rising Star cave system, South Africa. *Journal of Human Evolution* 180: 1-79.

Brophy, J.K., Elliott, M.C., **de Ruiter, D.J.**, Bolter, D., Churchill, S.E., Walker, C.S., Hawks, J., Berger, L.R. (2021). Immature hominin remains from a new locality in the Rising Star cave system, South Africa. *PaleoAnthropology* 2021:1:1-14.

**de Ruiter, D.J.**, Laird, M.F., Elliot, M., Schmid, P., Brophy, J.K., Hawks, J., Berger, L.R. (2019). The skull of *Homo naledi* from the Lesedi Chamber of the Rising Star cave, Gauteng, South Africa. *Journal of Human Evolution* 132: 1-14.

Brophy, J.K., Irish, J., Churchill, S.E., **de Ruiter, D.J.**, Hawks, J., Berger, L.R. (2019). A comparison of hominin teeth from Lincoln Cave, Sterkfontein L/63, and the Dinaledi Chamber, South Africa. *South African Journal of Science* 115 (5/6): 1-3.

**de Ruiter, D.J.**, Carlson, K.B., Brophy, J.K., Churchill, S.E., Carlson, K.J., Berger, L.R. (2018). The skull of *Australopithecus sediba*. *PaleoAnthropology* 2018: 56-155.

Williams, S.A., Desilva, J.M., **de Ruiter, D.J.** (2018). Malapa at 10: Introduction to the special issue on *Australopithecus sediba*. *PaleoAnthropology* 2018: 49-55.

Elliot, M.C., Quam, R., Nalla, S., **de Ruiter, D.J.**, Hawks, J., Berger, L.R. (2018). Description and analysis of three *Homo naledi* incudes from the Dinaledi Chamber, Rising Star cave (South Africa). *Journal of Human Evolution* 122: 146-155.

Robinson, C., Campbell, T.L., Cote, S., **de Ruiter, D.J.** (2018). Incorporating stratigraphic data in hominin phylogenetic hypotheses: insights from *Australopithecus sediba*. *South African Journal of Science* 114: 92-98.

**de Ruiter, D.J.**, Churchill, S.E., Hawks, J., Berger, L.R. (2017). Late australopiths and the emergence of *Homo*. *Annual Review of Anthropology* 46: 99-115.

Hawks, J., Elliot, M., Schmid, P., Churchill, S.E., **de Ruiter, D.J.**, Roberts, E.M., Hilbert-Wolf, H., Garvin, H.M., Williams, S.A., Deleuzene, L.K., Feuerriegel, E.M., Randolph-Quinney, P., Kivell, T.L., Laird, M.F., Tawane, G., DeSilva, J.M., Bailey, S.E., Brophy, J.K., Meyer, M.R., Skinner, M.M., Tocheri, M.W., VanSickle, C., Walker, C.S., Campbell, T.C., Kuhn, B., Kruger, A., Tucker, S., Gurtov, A., Hlope, N., Hunter, R., Morris, H., Peixotto, B., Ramapela, M., van Rooyen, D., Tsikoane, M., Boshoff, P., Dirks, P.H.G.M., Berger, L.R. (2017). New fossil remains of *Homo naledi* from the Lesedi Chamber, South Africa. *eLIFE* 2017; 6:e24232.

Laird, M.F., Schroeder, L., Garvin, H.M., Scott, J.E., Dembo, M., Radovčić, D., Musiba, C.M., Ackermann, R.R., Schmid, P., Hawks, J., Berger, L.R., **de Ruiter, D.J.** (2017). The skull of *Homo naledi*. *Journal of Human Evolution* 104: 100-123.

Schroeder, L., Scott, J.E., Garvin, H.M., Laird, M.F., Dembo, M., Radovčić, D., **de Ruiter, D.J.**, Ackermann, R.R. (2017). Skull diversity in the *Homo* lineage and the relative position of *Homo naledi*. *Journal of Human Evolution* 97: 17-26.

Leichliter, J., Sandberg, P., Passey, B., Codron, D., Avenant, N.L., Paine, O.C.C., Codron, J., **de Ruiter, D.J.**, Sponheimer, M. (2017). Stable carbon isotope ecology of small mammals from the Sterkfontein Valley: Implications for habitat reconstruction. *Palaeogeography, Palaeoclimatology, Palaeoecology* 485: 57-67.

Irish, J.D., Hemphill, B.E., **de Ruiter, D.J.**, Berger, L.R. (2016). The apportionment of tooth size and its implications in *Australopithecus sediba* versus other Plio-Pleistocene and recent African hominins. *American Journal of Physical Anthropology* 161: 398-413.

Daegling, D.J., Carlson, K.J., Tafforeau, P., **de Ruiter, D.J.**, Berger, L.R. (2016). Comparative biomechanics of *Australopithecus sediba* mandibles. *Journal of Human Evolution* 100: 73-86.

Carlson, K.B., **de Ruiter, D.J.**, DeWitt, T.J., McNulty, K., Tafforeau, P., Berger, L.R. (2016). Developmental simulation of the adult cranial morphology of *Australopithecus sediba*. *South African Journal of Science* 112: 84-92.

Dembo, M., Radovčić, D., Garvin, H.M., Laird, M.F., Schroeder, L., Scott, J.E., Ackermann, R.R., Berger, L.R., **de Ruiter, D.J.**, Mooers, A.O., Collard, M. (2016). The evolutionary relationships and age of *Homo naledi*. *Journal of Human Evolution* 97: 17-26.

Brophy, J.K., **de Ruiter, D.J.**, Fortelius, M., Bamford, M., Berger, L.R. (2016). Pleistocene Bovidae (Mammalia) from Malapa, Gauteng Province, South Africa. *Palaeontologia electronica* 19.2.16A: 1-22.

Ledogar, J.A., Smith, A.L., Benazzi, S., Weber, G.W., Spencer, M.A., Carlson, K.B., McNulty, K.P., Dechow, P.C., Grosse, I.R., Ross, C.F., Richmond, B.G., Wright, B.W., Wang, Q., Byron, C., Slice, D.E., Carlson, K.J., **de Ruiter, D.J.**, Berger, L.R., Tamvada, K., Pryor Smith, L.C., Berthaume, M.A., Strait, D.S. (2016). Mechanical evidence that *Australopithecus sediba* was limited in its ability to eat hard foods. *Nature Communications* 7: 10596 (doi: 10.1038/ncomms10596).

Ledogar, J.A., Benazzi, S., Smith, A.L., Weber, G.W., Carlson, K.B., Dechow, P.C., Grosse, I.R., Ross, C.F., Richmond, B.G., Wright, B.W., Wang, Q., Byron, C., Carlson, K.J., **de Ruiter, D.J.**, Pryor, L.C., Strait, D.S. (2016). The biomechanics of bony facial “buttresses” in South African australopiths: an experimental study using finite element analysis. *Anatomical Record* 300: 171-195.

Quam, R., Martinez, I., Rosa, M., Bonmati, A., Lorenzo, C., **de Ruiter, D.J.**, Moggi-Cecchi, J., Conde Valverde, A., Jarabo, P., Menter, C.G., Thackeray, J.F., Arsuaga, J.L. (2015). Early Hominin auditory capacities. *Science Advances* 2015;1:e1500355: 1-12.

Berger, L.R., Hawks, J., **de Ruiter, D.J.**, Churchill, S.E., Schmid, P., Deleuzene, L.K., Kivell, T.L., Garvin, H.M., Williams, S.A., DeSilva, J.M., Skinner, M., Musiba, C.M., Cameron, N., Holliday, T.W., Harcourt-Smith, W., Ackermann, R.R., Bastir, M., Bogin, B., Bolter, D., Brophy, J.K., Cofran, Z.D., Congdon, K.A., Deane, A.S., Dembo, M., Drapeau, M., Elliott, M., Feuerriegel, E.M., Garcia-Martinez, D., Green, D.J., Gurtov, A., Irish, J.D., Kruger, A., Laird, M.F., Marchi, D., Meyer, M.R., Nalla, S., Negash, E.W., Orr, C., Radovčić, D., Schroeder, L., Scott, J.E., Throckmorton, Z., Tocheri, M., VanSickle, C., Walker, C.S., Wei, P., Zipfel, B. (2015). *Homo naledi*, a new species of the genus *Homo* from the Dinaledi Chamber, South Africa. *eLIFE* 2015;4:e09560: 1-35.

Dirks, P.G.H., Berger, L.R., Roberts, E.M., Kramers, J.D., Hawks, J., Randolph-Quinney, P.S., Elliot, M., Musiba, C.M., Churchill, S.E., **de Ruiter, D.J.**, Schmid, P., Backwell, L.R., Belayin, G.A., Boshof, P., Hunter, K.L., Feuerriegel, E.M., Gurtov, A., Harrison, J du G., Hunter, R., Kruger, A., Morris, H., Makhubela, T.V.,

Peixotto, B., Tucker, S. (2015). Geological and taphonomic context for the new hominin species *Homo naledi* from the Dinaledi Chamber, South Africa. *eLIFE* 2015;4:e09561: 1-37.

Hawks, J., **de Ruiter, D.J.**, Berger, L.R. (2015). Technical Comment on "Early Homo at 2.8 Ma from Ledi-Geraru, Afar, Ethiopia". *Science* 348: 1326-b.

Le Roux, P.J., Lee-Thorp, J.A., Copeland, C.R., Sponheimer, M., **de Ruiter, D.J.** (2014). Strontium isotope analysis of curved tooth enamel surfaces by laser-ablation multi-collector ICP-MS. *Palaeogeography, Palaeoclimatology, Palaeoecology* 416: 142-149.

Irish, J.D., Guatelli-Steinberg, D., Legge, S.S., **de Ruiter, D.J.**, Berger, L.R. (2014). News and Views: Response to 'Non-metric dental traits and hominin phylogeny' by Carter et al. (2014), with additional information on the Arizona State University Dental Anthropology System and phylogenetic 'place' of *Australopithecus sediba*. *Journal of Human Evolution* 69: 129-134.

Brophy, J.K., **de Ruiter, D.J.**, Athreya, S., DeWitt, T.J. (2014). Quantitative morphological analysis of bovid teeth and implications for paleoenvironmental reconstruction of Plovers Lake, Gauteng Province, South Africa. *Journal of Archaeological Science* 41: 376-388.

Quam, R., **de Ruiter, D.J.**, Moggi-Cecchi, J., Masali, M. (2013). Early hominin auditory ossicles from South Africa: phylogenetic and paleobiological implications. *Proceedings of the National Academy of Science* 110: 8847-8851.

Irish, J.D., Guatelli-Steinberg, D., Legge, S., Berger, L.R., **de Ruiter, D.J.** (2013). Dental morphology and the phylogenetic 'place' of *Australopithecus sediba*. *Science* 340: 1233062-1 – 1233062-4.

**de Ruiter, D.J.**, DeWitt, T.J., Carlson, K.B., Brophy, J.K., Schroeder, L., Ackermann, R.R., Churchill, S.E., Berger, L.R. (2013). Mandibular remains support taxonomic validity of *Australopithecus sediba*. *Science* 340: 1232997-1 – 1232997-4.

Schmid, P., Churchill, S.E., Nalla, S., Weissen, E., **de Ruiter, D.J.**, Berger, L.R. (2013). Mosaic morphology in the thorax of *Australopithecus sediba*. *Science* 340: 1234598-1 – 1234598-5.

Churchill, S.E., Holliday, T.W., Carlson, K.J., Jashashvili, T., Macias, M.E., Mathews, S., Sparling, T.L., Schmid, P., **de Ruiter, D.J.**, Berger, L.R. (2013). The upper limb of *Australopithecus sediba*. *Science* 340: 1233477-1 – 1233477-6.

Henry, A.G., Ungar, P.S., Passey, B.H., Sponheimer, M., Rossouw, L., Bamford, M., Sandberg, P., **de Ruiter, D.J.**, Berger, L.R. (2012). Diet of *Australopithecus sediba*. *Nature* 487: 90-93.

Carlson, K.J., Stout, D., Jashavili, T., **de Ruiter, D.J.**, Tafforeau, P., Carlson, K.B., Berger, L.R. (2011). The endocast of MH1, *Australopithecus sediba*. *Science* 333: 1402-1407.

Kibii, J.M., Churchill, S.E., Schmid, P., Carlson, K.J., Reed, N.D., **de Ruiter, D.J.**, Berger, L.R. (2011). A new partial pelvis of *Australopithecus sediba*. *Science* 333: 1407-1411.

Pickering, R., Dirks, P.H.G.M., Jinnah, Z., **de Ruiter, D.J.**, Churchill, S.E., Herries, A.I.R., Woodhead, J.D., Hellstrom, J.C., Berger, L.R. (2011). *Australopithecus sediba* at 1.977 Ma and implications for the origins of the genus *Homo*. *Science* 333: 1421-1423.

**de Ruiter, D.J.**, Churchill, S.E., Brophy, J.K., Berger, L.R. (2011). Regional survey of Middle Stone Age fossil vertebrate deposits in the Virginia-Theunissen area of the Free State. *Navorsing van die Nasionale Museum* 27 (1): 1-20.

Copeland, S.R., Sponheimer, M., **de Ruiter, D.J.**, Lee-Thorp, J.A., Codron, D., le Roux, P.J., Grimes, V., Richards, M.P. (2011). Strontium isotope evidence for early hominin landscape use. *Nature* 474: 76-78.

Pickering, R., Kramers, J.D., Hancox, P.J., **de Ruiter, D.J.**, Woodhead, J.D. (2011). Synchronous flowstone development links early hominin bearing cave deposits in South Africa. *Earth and Planetary Science Letters* 306: 23-32.

**de Ruiter, D.J.**, Brophy, J.K., Lewis, P.J., Kennedy, A.M., Stidham, T.A., Carlson, K.B., Hancox, P.J. (2010). Preliminary investigation of Matjhabeng, a Pliocene fossil locality in the Free State of South Africa. *Palaeontologia Africana* 45: 11-22.

**de Ruiter, D.J.**, Copeland, S.R., Lee-Thorp, J.A., Sponheimer, M. (2010). Investigating the role of eagles as accumulating agents in the dolomitic cave infills of South Africa. *Journal of Taphonomy* 8: 129-154.

Copeland, S.R., Sponheimer, M., Lee-Thorp, L.A., **de Ruiter, D.J.**, le Roux P.J., Grimes, V., Codron, D., Codron, J., Berger, L.R., Richards, M.P. (2010). Using strontium isotopes to study site accumulation processes. *Journal of Taphonomy* 8: 115-127.

Lee-Thorp, J.A., Sponheimer, M., Passey, B.H., **de Ruiter, D.J.**, Cerling, T.E. (2010). Stable isotopes in fossil hominin tooth enamel suggest a fundamental dietary shift in the Pliocene. *Philosophical Transactions of the Royal Society B* 365: 3389-3396.

Copeland, S., Sponheimer, M., Lee-Thorp, J.A., Le Roux, P., **de Ruiter, D.J.**, Richards, M. (2010). Strontium isotope ratios in fossil teeth from South Africa: assessing laser ablation MC-ICP-MS accuracy and diagenesis. *Journal of Archaeological Science* 37: 1437-1446.

Berger, L.R., **de Ruiter, D.J.**, Churchill, S.E., Schmid, P., Carlson, K.J., Dirks, P.H.G.M., Kibii, J.M. (2010). *Australopithecus sediba*: a new species of *Homo*-like australopithecine from South Africa. *Science* 328: 195-204.

Hartstone-Rose, A., Werdelin, L., **de Ruiter, D.J.**, Berger, L.R., Churchill, S.E. (2010). The Plio-Pleistocene ancestor of wild dogs, *Lycaon sekowei* n. sp. *Journal of Paleontology* 84: 299-308.

Sponheimer, M., Codron, D., Passey, B.H., **de Ruiter, D.J.**, Cerling, T.E., Lee-Thorp, J.A. (2009). Using carbon isotopes to track dietary change in modern, historical, and ancient primates. *American Journal of Physical Anthropology* 140: 661-670.

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Blair, L., Elliot, M., Conde-Valverde, M., Martinez, I., Arsuaga, J.L., **de Ruiter, D.J.**, Hawks, J., Berger, L.R., Quam, R. (2024). New auditory ossicles of *Homo naledi* (Rising Star Cave, South Africa). Paper presented at the 93<sup>rd</sup> annual meeting of the American Association of Biological Anthropologists, Los Angeles, CA, March 20-23, 2024. Abstract in *American Journal of Biological Anthropology* Supplement S77: 19.

Scott, J.E., Robinson, C.A., Delezene, L.K., **de Ruiter, D.J.** (2023). The meaning of megadonty: predicting dietary mechanical properties in *Australopithecus* and *Paranthropus* using relative premolar size. Paper presented at the 92<sup>nd</sup> annual meeting of the American Association of Biological Anthropologists, Reno, NV, April 3-7, 2023. Abstract in *American Journal of Physical Anthropology* Supplement S75: 159.

Campbell, T.L., DeWitt, T.J., **de Ruiter, D.J.** (2019). Analysis of southern African rodent humeri from Swartkrans: Members 1-3. Paper presented at the Annual Meeting of the Society for Vertebrate Paleontology, Brisbane, Australia, October 9-12.

Brophy, J.K., **de Ruiter, D.J.**, Berger, L.R. (2019). Crown shape analysis of the maxillary dentition of *Homo naledi*. Poster presented at the 88<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, Cleveland, OH, March 27-30, 2019. Abstract in *American Journal of Physical Anthropology* Supplement S67: 29-30.

Brophy, J.K., **de Ruiter, D.J.** (2018). Investigating molar crown shape variation of australopithecines at Sterkfontein and Makapansgat. Poster presented at the 87<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, Austin, TX, April 11-14, 2018. Abstract in *American Journal of Physical Anthropology* Supplement S66: 36-37.

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Ledogar, J., Smith, A., Benazzi, S., Weber, G., Spencer, M., Carlson, K., McNulty, K., Dechow, P., Grosse, I., Ross, C., Richmond, B., Wright, B., Wang, Q., Byron, C., Slice, D., Carlson, K., **de Ruiter, D.J.**, Berger, L.R., Tamvada, K., Pryor Smith, L., Berthaume, M., Strait, D. (2013). Constraints on feeding biomechanics in *Australopithecus sediba*. Paper presented at the 83<sup>rd</sup> annual meeting of the American Association of Physical Anthropologists, Calgary, AB, April 9-12, 2014. Abstract in *American Journal of Physical Anthropology* Supplement S58: 166-167.

Campbell, T.B., **de Ruiter, D.J.**, Dewitt, T.J. (2014). Taxonomic identification of rodent microfauna utilizing postcrania with implications for paleoenvironmental reconstructions. Paper presented at the 83<sup>rd</sup> annual meeting of the American Association of Physical Anthropologists, Calgary, AB, April 9-12, 2014. Abstract in *American Journal of Physical Anthropology* Supplement S58: 89.

**de Ruiter, D.J.**, Carlson, K.B., Carlson, K.J., McNulty, K.P., Brophy, J.K., Berger, L.R. (2014). Further insights into the skull of *Australopithecus sediba*. Paper presented at the 83<sup>rd</sup> annual meeting of the American Association of Physical Anthropologists, Calgary, AB, April 9-12, 2014. Abstract in *American Journal of Physical Anthropology* Supplement S58: 103.

Brophy, J.K., **de Ruiter, D.J.** (2014). Identifying environmental heterogeneity at robust australopith sites: a new look at early hominin responses to environmental change. Paper presented at the 83<sup>rd</sup> annual meeting of the American Association of Physical Anthropologists, Calgary, AB, April 9-12, 2014. Abstract in *American Journal of Physical Anthropology* Supplement S58: 85.

Sandberg, P., Leichliter, J., Paine, O., Codron, D., Passey, B., Carlson, K.B., Belmaker, M., Avenant, N., **de Ruiter, D.J.**, Sponheimer, M. (2014). Stable isotope ecology of modern micromammals from the Sterkfontein Valley: Implications for habitat reconstruction in mosaic environments. Paper presented at the 83<sup>rd</sup> annual meeting of the American Association of Physical Anthropologists, Calgary, AB, April 9-12, 2014. Abstract in *American Journal of Physical Anthropology* Supplement S58: 228.

**de Ruiter, D.J.** (2013). Transitional species in the fossil record: the case of *Australopithecus sediba*. Featured lecture at the First Annual Evolution Conference at Texas A&M University, College Station, Texas, October 28-29, 2013.

- Le Roux, P.J., Lee-Thorp, J.A., Copeland, S.R., Sponheimer, M., **de Ruiter, D.J.** (2013). Sr isotope analysis of curved tooth enamel surfaces by laser-ablation multi-collector ICP-MS. Paper presented at the 7<sup>th</sup> International Bone Diagenesis Meeting, Lyon, France, October 22-25, 2013.
- Brophy, J.K., **de Ruiter, D.J.**, Berger, L.R. (2013). Analysis of bovid remains from Malapa, South Africa, and implications for the paleoenvironment of *Australopithecus sediba*. Paper presented at the 82<sup>nd</sup> annual meeting of the American Association of Physical Anthropologists, Knoxville, TN, April 9-13, 2013. Abstract in *American Journal of Physical Anthropology* Supplement S56: 89.
- Kennedy, A.M., Lewis, P.J., **de Ruiter, D.J.** (2013). The earliest record of *Gerrhosaurus* from continental Africa. Paper presented at the Annual Meeting of the Texas Academy of Science, Kerrville, TX, February 28-March 2, 2013.
- Ledogar, J., Smith, A., Benazzi, S., Weber, G., Spencer, M., Carlson, K., McNulty, K., Dechow, P., Grosse, I., Ross, C., Richmond, B., Wright, B., Wang, Q., Byron, C., Slice, D., Carlson, K., de Ruiter, D.J., Berger, L.R., Tamvada, K., Pryor Smith, L., Berthaume, M., Strait, D. (2013). Feeding biomechanics of *Australopithecus sediba* examined using finite element analysis. Paper presented at the Annual Meeting of the Paleoanthropology Society, Honolulu, Hawaii, April 2-3, 2013.
- Quam, R., **de Ruiter, D.J.**, Masali, M., Arsuaga, J.L., Martinez, I., Moggi-Cecchi, J. (2012). Early hominin auditory ossicles from South Africa. Paper presented at the annual meeting of the European Society for Human Evolution, Bordeaux, France, September 21-22, 2012.
- de Ruiter, D.J.**, Sponheimer, M., Copeland, S., Lee-Thorp, J.A., Berger, L.R., LeRoux, P. (2012). Strontium isotope ratios of mammalian fossils from Malapa, South Africa. Paper presented at the 81<sup>st</sup> annual meeting of the American Association of Physical Anthropologists, Portland, OR, April 12-15, 2012. Abstract in *American Journal of Physical Anthropology* Supplement S54: 127.
- Schroeder, L., Carlson, K.B., **de Ruiter, D.J.**, Ackermann, R.R. (2012). Mandibular variation in early *Homo* and *Au. sediba*. Paper presented at the 81<sup>st</sup> annual meeting of the American Association of Physical Anthropologists, Portland, OR, April 12-15, 2012. Abstract in *American Journal of Physical Anthropology* Supplement S54: 262-263.
- Carlson, K.B., **de Ruiter, D.J.**, DeWitt, T.J., Berger, L.R. (2012). A phenetic analysis of the cranium of *Australopithecus sediba*. Paper presented at the 81<sup>st</sup> annual meeting of the American Association of Physical Anthropologists, Portland, OR, April 12-15, 2012. Abstract in *American Journal of Physical Anthropology* Supplement S54: 112.
- Leichliter, J.N., Paine, O.C., Sponheimer, M., Sandburg, P., **de Ruiter, D.J.**, Codron, D. Avenant, N., Matthews, T. (2012). Using mammalian microfauna to reconstruct hominin paleohabitats in South Africa. Paper presented at the 81<sup>st</sup> annual meeting of the American Association of Physical Anthropologists, Portland, OR, April 12-15, 2012. Abstract in *American Journal of Physical Anthropology* Supplement S54: 191.
- de Ruiter, D.J.**, Carlson, K.B., Brophy, J.K., Carlson, K.J., Churchill, S.E., Schmid, P., Kibii, J.M., Berger, L.R. (2011). Craniodental remains for *Australopithecus sediba* from Malapa, South Africa. Paper presented at the 80<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, Minneapolis, MN, April 13-16, 2011. Abstract in *American Journal of Physical Anthropology* Supplement S52: 122.
- Copeland, S., Sponheimer, M., Lee-Thorp, J.A., **de Ruiter, D.J.**, Richards, M. (2011). Strontium isotopes from early hominin sites in South Africa can provide new insights in paleoecology and taphonomy. Paper presented at the 80<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, Minneapolis, MN, April 13-16, 2011. Abstract in *American Journal of Physical Anthropology* Supplement S52: 112-113.
- Berger, L.R., Kibii, J.M., Churchill, S.E., Schmid, P., Carlson, K.J., de Klerk, B., **de Ruiter, D.J.**, Holliday, T., Kivell, T., Gurche, J., Zipfel, B., de Silva, J., Kidd, R. (2011). New remains of *Australopithecus sediba* from the Malapa site, South Africa. Paper presented at the 80<sup>th</sup> annual meeting of the American Association of Physical

Anthropologists, Minneapolis, MN, April 13-16, 2011. Abstract in *American Journal of Physical Anthropology* Supplement S52: 88.

Carlson, K.J., Stout, D., **de Ruiter, D.J.**, Tafforeau, P., Berger, L.R. (2011). Interpretations of the endocast of *Australopithecus sediba* (MH1). Paper presented at the Annual Meeting of the Paleoanthropology Society, Minneapolis, MN, April 12-13, 2011.

Churchill, S.E., Kibii, J.M., Schmid, P., Carlson, K.J., Reed, N.D., **de Ruiter, D.J.**, Berger, L.R. (2011). Sacroacetabular load transfer and sacral stabilization in the pelvis of *Australopithecus sediba*. Paper presented at the Annual Meeting of the Paleoanthropology Society, Minneapolis, MN, April 12-13, 2011.

Carlson, K.J., Stout, D., **de Ruiter, D.J.**, Berger, L.R. (2011). Reconstruction and significance of the endocast of *Australopithecus sediba* (MH1). Paper presented at the 23<sup>rd</sup> Colloquium of African Geology, Johannesburg, South Africa, January 8-14, 2011.

**de Ruiter, D.J.** (2010). Two new hominin partial skeletons from the Malapa site, South Africa. Paper presented at the Annual Meeting of the Paleoanthropology Society, St. Louis, MO, April 13-14, 2010.

**de Ruiter, D.J.** (2009). A reconsideration of the taxonomic status of Stw 53: *Homo habilis* or *Australopithecus africanus*? Paper presented at the 3<sup>rd</sup> annual meeting of the Texas Association of Biological Anthropologists, Austin, Texas, November 13-14, 2009.

Lee-Thorp, J.A., Copeland, S., Sponheimer, M., **de Ruiter, D.J.**, Le Roux, P. (2009). A consideration of diagenesis in teeth from the South African hominin sites based on strontium isotopes. Paper presented at the 6<sup>th</sup> International Bone Diagenesis Meeting, Bonn, Germany, September 18-21, 2009.

Copeland, S., Lee-Thorp, J.A., Sponheimer, M., Le Roux, P., **de Ruiter, D.J.**, Richards, M. (2009). Strontium isotope ratios in fossil teeth from South Africa: assessing laser ablation MC-ICP-MS methodology and diagenesis. Paper presented at the UK Archaeological Sciences conference, Sept. 8-Sept. 10, 2009, hosted by the NERC Isotope Geosciences Laboratory and the Department of Archaeology, University of Nottingham, at the British Geological Survey, Keyworth, Nottingham.

**de Ruiter, D.J.**, Brophy, J.K., Lewis, P.J., Kennedy, A.M., Stidham, T.A., Carlson, K.B., Hancox, P.J. (2009). Preliminary investigation of Matjhabeng, a Pliocene fossil locality in the Free State of South Africa. Poster presented at the Annual Meeting of the Paleoanthropology Society, Chicago, IL, April 1-2, 2009.

Kennedy, A.M., Stidham, T.A., Lewis, P.J., **de Ruiter, D.J.** (2009). The non-mammalian fauna from the Middle Pliocene Matjhabeng site, South Africa. Poster presented at the Annual Meeting of the Paleoanthropology Society, Chicago, IL, April 1-2, 2009.

Lewis, P.J., Kennedy, A.M., **de Ruiter, D.J.**, Brophy, J.K. (2009). Preliminary analysis of the small mammal fauna from Matjhabeng, Free State, South Africa. Poster presented at the Annual Meeting of the Paleoanthropology Society, Chicago, IL, April 1-2, 2009.

Brophy, J.K., **de Ruiter, D.J.**, Brink, J.S. (2009). Mimoso: a new Middle Stone Age fossil locality in the Free State of South Africa. Poster presented at the 78<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, Chicago, IL, April 1-4, 2009. Abstract in *American Journal of Physical Anthropology* Supplement 48: 98.

**de Ruiter, D.J.**, Pickering, R., Steininger, C.S., Kramers, J.D., Hancox, P.J., Churchill, S.E., Berger, L.R., Backwell, L. (2008). New hominin fossils from Cooper's Cave (Gauteng, South Africa) and the first U-Pb date for *Australopithecus robustus*. Paper presented at the 2<sup>nd</sup> annual meeting of the Texas Association of Biological Anthropologists, College Station, TX, Nov. 14-15, 2008.



Brophy, J.K., **de Ruiter, D.J.**, Brink, J.S. (2008). Mimosa: a new Middle Stone Age fossil locality in the Free State of South Africa. Paper presented at the 2<sup>nd</sup> annual meeting of the Texas Association of Biological Anthropologists, College Station, TX, Nov. 14-15, 2008.

**de Ruiter, D.J.**, Brophy, J.K., Lewis, P.J., Hancox, P.J., Kennedy, A.M., Carlson, K.B., Stidham, T. (2008). Preliminary investigation of Matjhabeng, a Pliocene fossil locality in the Free State of South Africa. Paper presented at the 2<sup>nd</sup> annual meeting of the Texas Association of Biological Anthropologists, College Station, TX, Nov. 14-15, 2008.

Grimes, V., Copeland, S., le Roux, P., Sponheimer, M., Lee-Thorp, J., **de Ruiter, D.** and Richards, M. (2008). Recent developments in micro-sampling techniques of modern and archaeological dental tissues for strontium isotope ratios. Paper presented at the 36<sup>th</sup> Annual Meeting, Canadian Association for Physical Anthropology, Hamilton, ON, November 5-8, 2008.

Copeland, S., Sponheimer, M., Lee-Thorp, J.A., Grimes, V., Le Roux, P., **de Ruiter, D.J.**, Richards, M. (2008). Strontium isotope ratios across a South African landscape: a basis for interpreting hominin land use. Paper presented at the 73<sup>rd</sup> annual meeting of the Society for American Archaeology, Vancouver, B.C., March 27-31, 2008.

Copeland, S., Lee-Thorp, J.A., Sponheimer, M., **de Ruiter, D.J.**, Le Roux, P., Grimes, V., Richards, M. (2008). New strontium isotope evidence for hominin residence and ranging in the Sterkfontein Valley, South Africa. Paper presented at the Annual Meeting of the Paleoanthropology Society, Vancouver, B.C., March 25-26, 2008.

Steininger, C., **de Ruiter, D.J.**, Pickering, R., Churchill, S.E., Berger, L.R. (2008). New hominin craniodental material from Cooper's Cave, South Africa. Paper presented at the Annual Meeting of the Paleoanthropology Society, Vancouver, B.C., March 25-26, 2008.

**de Ruiter, D.J.**, Sponheimer, M. and Lee-Thorp, J. (2008). Indications of habitat preference/avoidance of *Australopithecus robustus* in the Bloubank Valley, South Africa. Paper presented at the 77<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, Columbus, OH, April 9-12, 2008. Abstract in *American Journal of Physical Anthropology* Supplement 46: 87.

Sponheimer, M., Passey, B.H., Cerling, T.E., Lee-Thorp, J.A., **de Ruiter, D.J.** (2008). Using stable isotope analysis to identify fallback foods in fossil taxa. Paper presented at the 77<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, Columbus, OH, April 9-12, 2008. Abstract in *American Journal of Physical Anthropology* Supplement 46: 199.

**de Ruiter, D.J.** (2007). Documenting the habitat preferences of early hominin taxa. Paper presented at the 1<sup>st</sup> annual meeting of the Texas Association of Biological Anthropologists, Austin, TX, Nov. 9-10, 2007.

**de Ruiter, D.J.** (2007). Animal Paleocommunity Variability and Habitat Specificity of *Australopithecus robustus* in South Africa. Paper presented at the 67<sup>th</sup> annual meeting of the Society for Vertebrate Paleontology, Austin, TX, October 24-27, 2007.

Copeland, S.R., Grimes, V., Sponheimer, M., **de Ruiter, D.J.**, Lee-Thorp, J., Le Roux, P., Richards, M. (2007). Strontium isotope ratios of bedrock, soils, plants, and animals in Sterkfontein Valley, South Africa. Paper presented at the UK Archaeological Sciences conference, Aug. 31-Sept. 3, 2007, hosted by the McDonald Institute for Archaeological Research & Department of Archaeology, University of Cambridge.

Lee-Thorp, J., Sponheimer, M., **de Ruiter, D.J.**, Spath, A. (2007). Comparing landscape use by australopithecine species using bulk and high resolution strontium isotope ratio tracking in tooth enamel. Paper presented at the Annual Meeting of the Paleoanthropology Society, Philadelphia, PA, March 27-28, 2007.

**de Ruiter, D.J.** (2007). KB5223 from Kromdraai B: *Australopithecus robustus* or early *Homo*? Poster presented at the 76<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, Philadelphia, PA. Abstract in *American Journal of Physical Anthropology* Supplement 44: 97, March 28-31, 2007.

**de Ruiter, D.J.**, Sponheimer, M. and Lee-Thorp, J. (2006). Animal Paleocommunity Variability and Habitat Specificity of *Australopithecus robustus* in South Africa. Paper presented at the Annual Meeting of the Paleoanthropology Society, San Juan, Puerto Rico, April 24-26, 2006.

**de Ruiter, D.J.**, Sponheimer, M. and Lee-Thorp, J. (2006). Animal Paleocommunity Variability and the Paleocology of *Australopithecus robustus*. Invited Presentation for African Genesis: A Symposium on hominid evolution in Africa to commemorate the 80<sup>th</sup> Anniversary of the announcement of the Taung hominid and celebrate the 80<sup>th</sup> birthday of Professor Phillip V. Tobias FRS, Johannesburg, South Africa, January 26-28, 2006.

Brophy, J., **de Ruiter, D.J.**, Churchill, S. and Berger, L. (2006). Accumulating agent and paleoenvironment of the hominin-bearing site of Plovers Lake, South Africa. Paper presented at the 75<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, Anchorage, AK. Abstract in *American Journal of Physical Anthropology* Supplement 42.

Lee-Thorpe, J., Sponheimer, M., **de Ruiter, D.J.**, Spath, A. (2005). A reconsideration of Sr/Ca in modern fauna and fossils. Paper presented at the 2005 UK Archaeological Science Conference, Bradford, UK.

Lee-Thorpe, J., Sponheimer, M., **de Ruiter, D.J.** and Spath, A. (2005). Detecting movement across the landscape using strontium isotope ratio tracking on tooth enamel of fossils: opportunities and constraints. Paper presented at the Fifth International Bone Diagenesis Meeting, Cape Town, RSA.

**de Ruiter, D.J.** (2004). Faunal composition and bone accumulating agents in the Plio-Pleistocene cave infills of South Africa. Poster presented at the 73<sup>rd</sup> annual meeting of the American Association of Physical Anthropologists, Tampa, FL, April 14-17, 2004. Abstract in *American Journal of Physical Anthropology* Supplement 38: 83.

Sponheimer, M., **de Ruiter, D.J.**, Lee-Thorp, J., Passey, B., Cerling, T., Ayliffe, L., Spath, A., Codron, D., & Codron, J. (2004). Seasonality and Australopithecine Diets: New High-Resolution Carbon Isotope Data. Paper presented at the 73<sup>rd</sup> Annual meeting of the American Association of Physical Anthropologists, Tampa, FL, April 14-17, 2004. Abstract in *American Journal of Physical Anthropology* Supplement 38: 186.

Codron, D., Sponheimer, M., Lee-Thorp, J.A., Codron, J., Grant, C.C., and **de Ruiter, D.J.** (2004). Changes in Herbivory through Time, with Focus on Communities in the Northern Basalt Plains. South African National Parks Scientific Services Meeting, April 2004, Skukuza, RSA.

Sponheimer, M., **de Ruiter, D.J.** and Lee-Thorpe, J. (2003). New Chemical Evidence of Australopithecine Diets. Paper presented at the Annual Meeting of the Paleoanthropology Society, 2003, April 22-23, Tempe AZ.

Sponheimer, M., **de Ruiter, D.J.** and Lee-Thorpe, J. (2003). A Stable Isotope and Elemental Study of South-African Plio-Pleistocene Hominins. Paper presented at the 72<sup>nd</sup> Annual meeting of the American Association of Physical Anthropologists, Tempe, AZ, April 23-26, 2003. Abstract in *American Journal of Physical Anthropology* Supplement 36: 197-198.

Berger, L.R., Churchill, S.E and **de Ruiter, D.J.** (2003). Plover's Lake: a hominin-bearing Middle Stone Age site in the Witwatersrand area, South Africa. Paper presented at the 72<sup>nd</sup> Annual meeting of the American Association of Physical Anthropologists, Tempe, AZ, April 23-26, 2003. Abstract in *American Journal of Physical Anthropology* Supplement 36: 65.

Berger, L.R., Lacruz, R. and **de Ruiter, D.J.** (2002). Revised age estimates of *Australopithecus* bearing deposits at Sterkfontein, South Africa. Paper presented at the 12<sup>th</sup> Biennial Meeting of the Palaeontology Society of Southern Africa, Bloemfontein,

**de Ruiter, D.J.** (2002). Revised faunal lists for the Australopithecine bearing Members (1 – 3) of Swartkrans, Gauteng Province. Paper presented at the 12<sup>th</sup> Biennial Meeting of the Palaeontology Society of Southern Africa, Bloemfontein.

Zondo, H. and **de Ruiter, D.J.** (2002). Undescribed fossil material from the “Belgian Congo”. Paper presented at the 12<sup>th</sup> Biennial Meeting of the Palaeontology Society of Southern Africa, Bloemfontein.

**de Ruiter, D.J.**, Moggi-Cecchi, J. and Masali, M. (2002). Auditory ossicles of *Paranthropus robustus* from Swartkrans, South Africa. Paper presented at the 71<sup>st</sup> annual meeting of the American Association of Physical Anthropologists, Buffalo, NY, April 10-13, 2002. Abstract in *American Journal of Physical Anthropology* Supplement 34: 60.

Berger, L.R., Steininger, C.M. and **de Ruiter, D.J.** (2002). New fossil hominin and faunal discoveries from the Coopers site, Gauteng, South Africa. Paper presented at the 71<sup>st</sup> annual meeting of the American Association of Physical Anthropologists, Buffalo, NY, April 10-13, 2002. Abstract in *American Journal of Physical Anthropology* Supplement 34: 43.

**de Ruiter, D.J.** and Berger, L.R. (2001). The first-ever described intact cranial base of *Paranthropus robustus*. Poster presented at the 70<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, Kansas City, MO, March 28-31, 2001. Abstract in *American Journal of Physical Anthropology* Supplement 32: 57.

Sponheimer, M., Lee-Thorp, J., Smith, J. and **de Ruiter, D.J.** (2001). A stable isotope study of southern African Bovidae. Paper presented at the World Theriological Conference, Sun City, South Africa.

Nigro, J.D., **de Ruiter, D.J.**, Berger, L.R., and Ungar, P.S. (2001). A three-dimensional Geographic Information System for Swartkrans. Paper presented at the Annual Meeting of the Paleoanthropology Society, 2001, Kansas City, MO, March 27-28, 2001. Abstract in *Journal of Human Evolution* 40: A15-A16.

Nigro, J.D., Limp, W.F., Kvamme, K.K., **de Ruiter, D.J.** and Berger, L.R. (2001). The creation of a three-dimensional Geographic Information System for the early hominid site of Swartkrans. Paper presented at the 28<sup>th</sup> annual Computer Applications in Archaeology Meeting in Gotland, Sweden.

**de Ruiter, D.J.** (2000). The relative abundance of hominids from the Swartkrans Formation, South Africa. Paper presented at the Annual Meeting of the Paleoanthropology Society, 2000, Philadelphia, PA, April 4-5, 2000. Abstract in *Journal of Human Evolution* 38: A12.

**de Ruiter, D.J.** and Berger, L.R. (2000). Preliminary analysis of the first ever recovered cranial base of *Paranthropus robustus*. Paper presented at the 2000 Canadian Association for Physical Anthropology conference, Burlington, Ontario, Canada.

**de Ruiter, D.J.** and Brain, C.K. (2000). Newly recovered hominid material from the Swartkrans Formation, South Africa. Paper presented at the 69<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, San Antonio, TX. Abstract in *American Journal of Physical Anthropology* Supplement 30: 138.

**de Ruiter, D.J.** and Berger, L.R. (2000). Recently recovered hominid fossils from the site of Sterkfontein, South Africa. Paper presented at the 11<sup>th</sup> biennial Palaeontology Society of Southern Africa conference, Pretoria, South Africa.

**de Ruiter, D.J.** and Berger, L.R. (1998). Leopards as taphonomic indicators in dolomitic caves – implications for the hominid bearing fossil localities of South Africa. Paper presented at the 1998 Dual Congress of the International Association for Human Palaeontology and the International Association of Human Biologists, Sun City, South Africa.

**de Ruiter, D.J.** (1997). The taxonomic status of the Robust Australopithecines as determined by outgroup comparison. Paper presented at the 66<sup>th</sup> annual meeting of the American Association of Physical Anthropologists, St. Louis, MO. Abstract in *American Journal of Physical Anthropology* Supplement 24: 101-102.

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**TEACHING**

My teaching experience resides mainly in the fields of anthropology and human anatomy. In particular, I am qualified to teach general anthropology, biological anthropology, paleoanthropology, primatology, and zooarchaeology. I am also qualified to teach human anatomy for medical students, nurses, and occupational therapists. My anatomical training includes teaching full-body dissection, as well as teaching with prosections. My areas of special interest include African hominin ecology and evolution, taphonomy and zooarchaeology.

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**Courses Taught**

*Texas A&M University, Department of Anthropology*

ANTH 201 Introduction to Anthropology

ANTH 225 Biological Anthropology

ANTH 312 Fossil Evidence for Human Evolution

ANTH 370 Cultural Diversity and Ethics

ANTH 409 Science, Pseudoscience and Critical Thinking in Anthropology (AKA The Anthropology of Bullsh\*t)

ANTH 489 The Australopiths

ANTH 489 The Anthropology of Beer

ANTH 601 Biological Anthropology

ANTH 625 Zooarchaeology

ANTH 643 Australopithecine Paleoecology

ANTH 689 Vertebrate Taphonomy

*University of the Witwatersrand, Department of Anatomical Sciences*

ANAT 205 Human Medical Anatomy

ANAT 211 Human Biology I

ANAT 311 Human Biology II

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**Undergraduate Student Advising**

Fall 2016	Melanie Stockton
Spring 2014	Jude Magaro, Honors Thesis
Fall 2013	Jude Magaro
Fall 2011	Kelsey Witt
Fall 2010	Suzanne Billington
Spring 2010	Tu Nguyen
Spring 2010	Rachel Fay

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**Graduate Student Advising – Committee Chair/Thesis Supervisor**

In Progress	Emmaleigh Grady, PhD student, Department of Anthropology, Texas A&M University
In Progress	Victoria Izzo, PhD student, Department of Anthropology, Texas A&M University
In Progress	Nompumelelo Hlophe, PhD student, Department of Anthropology, Texas A&M University
In Progress	Kersten Bergstrom, PhD student, Department of Anthropology, Texas A&M University
2019	Timothy Campbell, PhD, Department of Anthropology, Texas A&M University
2014	Keely Carlson, PhD, Department of Anthropology, Texas A&M University

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2013	Faith Ambrosini, MA, Department of Anthropology, Texas A&M University
2011	Keely Carlson, MA, Department of Anthropology, Texas A&M University
2011	Juliet Brophy, PhD, Department of Anthropology, Texas A&M University
2002	Headman Zondo, Undergraduate Honors, School of Geosciences, University of the Witwatersrand

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#### Graduate Student Advising – Committee Member/Thesis Examiner

In Progress	Brandon Strauss, PhD student, Department of Entomology, Texas A&M University
In Progress	Missy Gandarilla, PhD student, Department of Anthropology, Texas A&M University
In Progress	Sam Cuellar, PhD student, Department of Anthropology, Texas A&M University
In Progress	Megan Crutcher, PhD student, Department of Anthropology, Texas A&M University
2024	Jordan Franklin-Garza, MA student, Department of Anthropology, Texas A&M University
2024	George Francis, PhD student, Department of Biomedical Sciences, College of Dentistry, Texas A&M University
2023	Robin Galloso, PhD student, Department of Anthropology, Texas A&M University
2021	John Jacisin, PhD, Department of Ecosystem Science and Management, Texas A&M University
2020	Megan Hagseth, PhD, Department of Anthropology, Texas A&M University
2019	Randall Sasaki, PhD, Department of Anthropology, Texas A&M University
2019	Jacqueline Smilg, PhD, School of Geosciences, University of the Witwatersrand, Johannesburg
2018	Willa Trask, PhD, Department of Anthropology, Texas A&M University
2016	Rachael Bible, PhD, Department of Anthropology, Texas A&M University
2014	Shannon Bowman, MA, Department of Anthropology, Texas A&M University
2013	Benjamin Collins, PhD, Department of Anthropology, McGill University
2012	Alexandra Bountalis, MSc, School of Geosciences, University of the Witwatersrand
2009	Ryan Franklin, PhD, School of Geosciences, University of the Witwatersrand, Johannesburg
2009	Ricci Grossman, MA, Department of Anthropology, Texas A&M University
2008	Juan Urista, MA, Department of Anthropology, Texas A&M University
2007	Mary Rachel McCarty, MA, Department of Geology and Geophysics, Texas A&M University
2007	Shanna Daniel, MA, Department of Anthropology, Texas A&M University
2006	Jason Wiersema, PhD, Department of Anthropology, Texas A&M University

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2002 Rodrigo Lacruz, MSc, School of Geosciences, University of the Witwatersrand, Johannesburg

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**Invited Lectures and Keynote Addresses**

- 2023 New and Confused! How fossil discoveries have continually challenged our understanding of human evolution. Keynote address for the University of Texas, Tyler Darwin Day Celebration, Tyler, TX.
- 2023 A tale of two bodies (well, body plans): *Australopithecus sediba*, *Homo naledi*, and the Origin of the Genus *Homo*. Keynote address for the Tyler Junior College Darwin Day Celebration, Tyler, TX.
- 2018 Did *Homo naledi* systematically dispose of their dead? Keynote address for the Society for Anthropology in Community Colleges, Houston, TX.
- 2017 Did *Homo naledi* systematically dispose of their dead? TEDxTAMU 2017, College Station, TX.
- 2016 A tale of two bodies (well, body plans): *Australopithecus sediba*, *Homo naledi*, and the Origin of the Genus *Homo*. Lecture for the Smithsonian Paleoanthropology Seminar Series, National Museum of Natural History, Washington, D.C.
- 2016 *Homo naledi*: a new species of hominin from the Dinaledi Chamber, South Africa. Keynote address, CONNECT 2016, College of Liberal Arts, Texas A&M University.
- 2016 *Homo naledi*: a new species of hominin from the Dinaledi Chamber, South Africa. Lecture for the Department of Biology, Sam Houston State University.
- 2013 *Australopithecus sediba* and the origin of the genus *Homo*. Lecture for the Department of Anthropology, University of Texas at San Antonio.
- 2013 *Australopithecus sediba* and the origin of the genus *Homo*. Fallon-Marshall Lecture for Spring 2013, College of Liberal Arts, Texas A&M University.
- 2012 *Australopithecus sediba* and the origin of the genus *Homo*. Lecture for the Department of Biomedical Engineering, Texas A&M University
- 2012 *Australopithecus sediba* and other interesting things. Lecture for the Research Centre in Evolutionary Anthropology and Palaeoecology, Liverpool John Moores University, Liverpool, UK
- 2012 *Australopithecus sediba* and the origin of the genus *Homo*. Lecture for the College of Geosciences, Texas A&M University
- 2011 *Australopithecus sediba* from Malapa, South Africa. Lecture for the Department of Anthropology, Forensic Science, and Archaeology, Baylor University
- 2010 *Australopithecus sediba*: a new species of *Homo*-like australopith from South Africa. Lecture for the Department of Anthropology, University of Colorado at Boulder
- 2010 *Australopithecus sediba*: a new species of *Homo*-like australopith from South Africa. Lecture for the Evolutionary Studies Program seminar series, Binghamton University
- 2010 *Australopithecus sediba*: a new species of *Homo*-like australopith from South Africa. Lecture for the General Seminar Series, Sam Houston State University
- 2007 *The Pre-History of Africa: Searching for the Origins of Modern Humans in South Africa*. Lecture for the symposium: Africa in Transition – politics, culture, agriculture, anthropology, education. Sponsored by the Office of International Outreach at Texas A&M University

- 2006 *Paleoecology and Paleobiology of Paranthropus robustus*. Lecture to the Anthropology Society of the University of Texas
- 2006 *Paranthropus robustus – our poorest relation?* Lecture to the Department of Biology, Sam Houston State University
- 2002 *The Origins of Humankind*. Lecture to the Hilton Arts Festival, Hilton College, KwaZulu Natal, South Africa
- 2002 *Recent developments in Palaeoanthropology in South Africa*. Lecture Series to the Jan Smuts, Kempton Park, Randpark and Lombardy Rotary Clubs of South Africa
- 2001 *The Taphonomy of the Fossil Mammals from Swartkrans*. Lecture to the Bedfordview Rotary Club
- 2001 *Plio-Pleistocene Hominids in Southern Africa: Changing Perspectives on Palaeo-demography, Taphonomy and Ecology*. Joburg Geotalks Series, School of Geosciences, University of the Witwatersrand
- 2001 *The Taphonomy and Geomorphology of the Pliocene Deposits of Chad*. Institute for the Study of Man in Africa Lecture Series, Johannesburg
- 2001 *The Impact of Collecting Agent on the Composition of Faunal Assemblages*. Bernard Price Institute Seminar Series, University of the Witwatersrand
- 2000 *Newly Recovered Hominid Material from the Swartkrans Formation, South Africa*. Visiting Lecture Series in Anthropology, SUNY Stony Brook
- 1999 *Predation on Hominids: The Taung Bird of Prey Hypothesis*. Karos Indaba Lecture Series, Johannesburg

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## SERVICE

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### University Service

- 2023 Chair, Search Committee to fill position of Head of Department of History, College of Arts and Sciences, Texas A&M University
- 2020 Member, Search Committee to fill position of Head of Department of Economics, College of Liberal Arts, Texas A&M University
- 2019 – 2022 Member, Dean's Advisory Committee on Endowments, College of Liberal Arts, Texas A&M University
- 2018 – 2022 College of Liberal Arts First Faculty, Texas A&M University
- 2017 Member, Selection Committee for University Level Association of Former Students Distinguished Achievement Awards
- 2016 – 2019 Chair, Promotion and Tenure Committee, Department of Anthropology, Texas A&M University
- 2016 – 2019 Chair, Executive Committee, Department of Anthropology, Texas A&M University
- 2012 – 2019 Program Coordinator, Biological Anthropology Program, Department of Anthropology, Texas A&M University

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- 2013 – 2016 Member, Graduate Appeals Panel, Texas A&M University
- 2013 Conference Organizer, First Annual Evolution Conference at Texas A&M University, Ecology and Evolutionary Biology Interdisciplinary Program, College Station, TX
- 2012 – 2015 Member, Executive Committee, Department of Anthropology, Texas A&M University
- 2011 – 2017 Member, Research Committee of Faculty Senate of Texas A&M University, representing the College of Liberal Arts (two terms)
- 2011 – 2017 Faculty Senate of Texas A&M University, representing the College of Liberal Arts (two terms)
- 2010 Member, Department of Anthropology Reorganization Committee, Texas A&M University
- 2008 – 2012 Member, Curation Committee, Department of Anthropology, Texas A&M University
- 2008 – Charter member of the Ecology and Evolutionary Biology Faculty of Texas A&M University
- 2008 Conference Organizer, Texas Association of Biological Anthropologists 2<sup>nd</sup> Annual Conference, College Station, TX
- 2007 – 2009 Program Coordinator, Biological Anthropology Program, Department of Anthropology, Texas A&M University
- 2007 – 2009 Executive Committee, Department of Anthropology, Texas A&M University
- 2007 – 2008 President, Texas Association of Biological Anthropologists
- 2007 Conference Organizer, Texas Biological Anthropologists Consortium Inaugural conference, Austin, TX
- 2007 – 2008 Member, Search Committee to fill a new joint position in Anthropology and Women’s Studies, Texas A&M University
- 2005 Member, Search Committee to fill vacant position of Assistant Director of the Center for the Study of the First Americans, Department of Anthropology, Texas A&M University
- 2004 – ATMENTOR program, Texas A&M University
- 2004 – Aggie ALLY program, Texas A&M University
- 2002 – 2003 Vice President, Palaeontological Society of Southern Africa (PSSA)
- 2000 – 2003 Member, management committee of the Palaeoanthropology Unit for Research and Exploration
- 1998 Assistant Secretary-General for the Dual Congress of the International Association for the Study of Human Palaeontology and the International Association of Human Biologists, June 28-July 4, 1998, Sun City, South Africa
- 1995 Student representative to the executive committee of University of Manitoba Senate
- 1994 – 1995 Student representative to University of Manitoba Senate
- 1993 – 1995 President, Manitoba Anthropology Students Association (MASA)



1994 – 1995 Editor, Manitoba Anthropology Students Association (MASA) Journal

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**Editorial Positions**

2017 – 2023 Associate Editor, Yearbook of Biological Anthropology

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**Grant Proposals Reviewed**

L.S.B. Leakey Foundation, USA  
National Environment Research Council, UK  
National Geographic Society, USA  
National Research Foundation, South Africa  
National Science Foundation, USA  
Louisiana Board of Regents' Research Competitiveness Subprogram

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**Manuscripts reviewed for the following journals**

African Archaeological Review  
American Journal of Physical Anthropology  
Annals of Human Biology  
Annals of the Transvaal Museum / Annals of the Ditsong Museum of Natural History  
Interface Focus  
International Journal of Osteoarchaeology  
iScience  
Journal of Anthropological Archaeology  
Journal of Archaeological Science  
Journal of Arid Environments  
Journal of Geology and Geosciences  
Journal of Human Evolution  
Journal of Taphonomy  
Journal of Vertebrate Paleontology  
Nature  
Nature Communications – Biology  
Palaeontologia Electronica  
Palaeogeography, Palaeoclimatology, Palaeoecology  
PeerJ  
Proceedings of the National Academy of Sciences  
Quaternary Environments and Humans  
Quaternary International  
Quaternary Research  
Quaternary Science Reviews  
Science  
Science Advances  
Scientific Reports  
Socio-Economic Planning Sciences  
South African Journal of Science  
Transactions of the Royal Society of South Africa  
Yearbook of Biological Anthropology

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**Textbooks or Edited Volumes Reviewed for the Following Publishers**

Allyn & Bacon

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Birkdale  
Cambridge University Press  
McGraw-Hill  
Oxford University Press  
Wiley-Blackwell

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**Law Enforcement Agencies Assisted with Bone Identifications**

College Station Police Department  
Houston Police Department  
Huntsville Police Department  
Kilgore Police Department  
Longview Police Department

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**Public Dissemination of Research**

Discover Magazine – Top 100 Science Stories of 2015 (No. 57) – January 2016  
TEDxTAMU Talk – April 2017 (available online)  
Africa Geographic Magazine – September 2016 (research discussed in cover story)  
Discover Magazine – March 2016 (research discussed in cover story)  
Scientific American – March 2016 (research discussed in cover story)  
Discover Magazine – Top 100 Science Stories of 2015 (No. 2 story, behind Pluto) – January 2016  
National Geographic Magazine: “Almost Human” – October 2015 (cover)  
PBS NOVA / National Geographic Channel documentary: “Dawn of Humanity” – broadcast 16 September 2015  
Scientific American – September 2014 (research discussed in special evolution issue)  
Scientific American – April 2012 (research discussed in cover story)  
National Geographic Channel documentary: “The Two Million Year-Old Boy” – first broadcast 2 February 2012  
Science World – January 2012 (research discussed in cover story)  
Natural History Magazine – October 2011 (research discussed in cover story)  
National Geographic Magazine: “Part Ape, Part Human” – August 2011