

Edward Charles Netherlands, PhD

Curriculum Vitae

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publons

R^G ResearchGate

Profile



EMPLOYMENT & EDUCATION



ID number: 8905155123088

Date of birth: 1989-05-15

Sex: Male

Marital status: Single

Nationality: South African

Languages: English (Native)

Afrikaans (Fluent)

Sesotho (Limited)

CURRENT:

Senior lecturer: Department of Zoology and Entomology, University of the Free State (UFS), RSA

TERTIARY EDUCATION:

PhD - Biology: KU Leuven & NWU (2015-2019)

MSc - Environmental Sciences (2013-2014)

BSc Honours - Environmental Sciences (2012)

BSc - Zoology, Botany & Tourism (2009 -2011)

SECONDARY EDUCATION:

Ficksburg High School: Matriculated - 2007

ABOUT ME



I am a parasitologist and herpetologist with extensive expertise in the study of blood parasites. Over the past 15 years, I have focused on understanding the diversity, life history, and interactions of these parasites with their hosts and vectors.

I completed my bachelor's degree in Zoology & Botany at North-West University (NWU) and earned my PhD in Biology from KU Leuven, Belgium (head institute), and NWU, South Africa (host institute). My doctoral research was recognised with the Research Excellence for Next Generation Researchers Award from the National Research Foundation (NRF) of South Africa. Following my PhD, I conducted a postdoctoral fellowship at NWU's Unit for Environmental Sciences and Management, focusing on blood parasites of herpetofauna.

Currently, I serve as a Senior Lecturer and researcher at the University of the Free State, South Africa. I teach and conduct research on the diversity, evolution, and ecological implications of blood parasites in herpetofauna. In 2023, I was selected as a finalist for the TW Kambule-NSTF Award in the Emerging Researchers category by the National Science and Technology Forum (NSTF).

In addition to my research, I am committed to mentoring the next generation of scientists, having supervised several postgraduate and undergraduate students who have pursued successful careers in academia and industry.

CURRENT EMPLOYMENT

Position	Department	Institution	Year started
Senior Lecturer	Department of Zoology and Entomology	University of the Free State, RSA	2022

CURRENT POSITIONS

Position	Faculty/School/Department	Institution	Year started
Extraordinary Lecturer	Unit for Environmental Sciences and Management	NWU, RSA	2022
Graduate Faculty	Auburn University Graduate School and School of Fisheries, Aquaculture, and Aquatic Sciences	Auburn University, USA	2022

HIGHEST ACADEMIC QUALIFICATION

Degree	Field of expertise	Institution	Year
Doctor of Science: Biology (Ph.D.)	Biology: Zoology	KU Leuven & NWU	2019
Thesis: Ecology, systematics and evolutionary biology of frog blood parasites in northern KwaZulu-Natal			

DEGREES OBTAINED

Degree	No. of years	Institution	Completed
Ph.D. Biology: Zoology	Four years	KU Leuven, Belgium & NWU, RSA	2019
M.Sc. - Environmental Sciences	Two years	NWU	2014
B.Sc. Hons. – Environmental Sciences	One year	NWU	2012
B.Sc. – Zoology, Botany & Tourism	Three years	NWU	2011

HIGH SCHOOL DIPLOMA

School	Subjects	Matriculated
Ficksburg High School	English: First Language (HG); Afrikaans: Second Language (HG); Mathematics (HG); Biology (HG); Physical Science (SG); Technical Drawing (SG)	2007

CAREER PROFILE

Organisation	Position	Sector	Type	Period
Lumegen Laboratories	Laboratory technician	Business Sector	Temporary	June 2020 – August 2020
North-West University (NWU)	Molecular lab manager & assistant	Higher Education Sector	Temporary	July 2017 - July 2018
NWU	Demonstrator for 3rd year DRKS311 (Animal Ecology)	Higher Education Sector	Temporary	2016
NWU	University student representative committee	N/A	Contract	August 2010 - August 2011

NWU	Demonstrator for 1st year UNISA (Zoology)	Higher Education Sector	Temporary	2012, 2013, 2014
NWU	Demonstrator 1st year for Zoology	Higher Education Sector	Temporary	2010, 2011
NWU	Student representative (Patria men's residence)	N/A	Contract	August 2010 - August 2011
Ongos Wilderness	Farm Manager	Business Sector	Contract	2008

PUBLISHED RESEARCH

Type:	Number:
Articles in peer-reviewed or refereed journals	43
Published conference papers	2

- Jordaan BJ, du Preez LH, **Netherlands EC** (2024). [Revisiting the diversity and phylogenetic relationships of trypanosomes \(*Trypanosoma*\) infecting pelomedusid \(Pelomedusidae\) freshwater turtles in Southern Africa. *Zoological Journal of the Linnean Society*. 202, zlae107. <https://doi.org/10.1093/zoolinnean/zlae107>](#)
- Truong TN, Dutton HR, **Netherlands EC**, DuPreez LH, Jacobs FJ, Bullard SA (2024). [First Azygiid Reported from Africa or a Characiform Fish: *Plenivitellinum kifi* n. gen., n. sp. \(Digenea: Azygiidae\) Infecting the Gut of African Tigerfish, *Hydrocynus vittatus* Castelnau, 1861 \(Characiformes: Alestidae\) from the Kavango River. *Acta Parasitologica*. 69, 1403–1410. <https://doi.org/10.1007/s11686-024-00872-5>](#)
- Mofokeng LS, **Netherlands EC**, Smit NJ, Cook CA (2024). [Developmental stages and molecular phylogeny of *Hepatozoon fitzsimonsi* \(Dias 1953\) \(Adeleorina: Hepatozoidae\) in tortoises *Stigmochelys pardalis* \(Cryptodira: Testudinidae\) and ticks of the genus *Amblyomma* \(Acari: Ixodidae\) from South Africa. *Parasites & Vectors*. 17, 314. <https://doi.org/10.1186/s13071-024-06398-z>](#)
- Du Preez LH, Lumpkin SK, **Netherlands E**, Channing A (2024). [Unique breeding biology of the recently described Beytell's bullfrog *Pyxicephalus beytelli*. *African Journal of Ecology*. 62, e13311. <https://doi.org/10.1111/aje.13311>](#)
- Úngari LP, **Netherlands EC**, Santos ALQ, Viana AL, da Silva RJ, O'Dwyer LH (2024). [Unoculubranchiobdella sp. \(Hirudinea: Ozobranchidae\) as a vector for *Haemogregarina* spp. in freshwater turtles from Brazil. *Parasitology Research*. 84, e282989 <https://doi.org/10.1007/s00436-024-08271-5>](#)
- Úngari LP, **Netherlands EC**, Santos ALQ, Viana AL, da Silva RJ, O'Dwyer LH (2024). [Is there only one species of *Hepatozoon* infecting Brazilian caimans? Integrative taxonomy unveiling the parasite's diversity. *Brazilian Journal of Biology*. 123:249. <https://doi.org/10.1590/1519-6984.282989>](#)
- Dutton HR, Du Preez LH, **Netherlands EC**, Jordaan BJ, Bullard SA (2024). [Description of female *Dendritobilharzia pulverulenta* \(Braun, 1901\) Skrjabin, 1924 from two new avian hosts in Namibia with phylogenetic analyses and comments on several taxonomically uncertain avian schistosome sequences. *Journal of Parasitology*. 110\(2\), 170–178. <https://doi.org/10.1645/23-44>](#)
- Du Preez LH, **Netherlands EC**, Rödel MO, Channing A (2024). [A new bullfrog from southern Africa \(*Pyxicephalidae*, *Pyxicephalus* Tschudi, 1838\) *African Journal of Herpetology*. 73, 61–89. <https://doi.org/10.1080/21564574.2023.2296654>](#)
- Warren MB, Jacobs F, Dutton HR, **Netherlands EC**, Du Preez LH, Bullard SA (2024). [First report of a fish blood fluke from sub-Saharan Africa: *Nomasanguinicola dentata* \(Paperna, 1964\) Warren and Bullard, 2023](#)

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- infecting African sharpooth catfish, *Clarias gariepinus* (Burchell, 1822) Teugles, 1982 in the Kavango River, Namibia, and a revised phylogeny for Sanguinicolidae Poche, 1926. *Parasitology International*. 100, 102862. <https://doi.org/10.1016/j.parint.2024.102862>
10. Phaka F, **Netherlands EC**, Van Steenberghe M, Verheyen E, Sonet G, Hugé J, Du Preez L, Vanhove M (2023). Barcoding and traditional health practitioner perspectives are informative to monitor and conserve frogs and reptiles traded for traditional medicine in urban South Africa. *Molecular Ecology Resources*. 00:1–16. <https://doi.org/10.1111/1755-0998.13873>
 11. Du Preez GC, Souza Silva M, Fourie H, Girgan C, **Netherlands EC**, Swart A, Ferreira RL (2023). Nematode dynamics in an African dolomite cave: What is the role of environmental filtering in spatial and temporal distribution? *Basic and Applied Ecology*. 71, 18–32. <https://doi.org/10.1016/j.baae.2023.05.002>
 12. Jordaan BJ, du Preez LH, **Netherlands EC** (2023). Taxonomic re-evaluation of African anuran trypanosomes with the redescription and molecular diagnosis of *Trypanosoma (Trypanosoma) nelspruitense* Laveran, 1904 and *Trypanosoma (Haematomonas) grandicolor* Pienaar, 1962. *Parasitology*. 150, 477–487. <https://doi.org/10.1017/S0031182023000203>
 13. Jordaan BJ, van As J, **Netherlands EC** (2023). Morphological and molecular diagnosis of two new species of *Trypanosoma* Gruby, 1843 infecting South African cordylid lizards (Squamata: Cordylidae: Cordylinae), *Trypanosoma (Squamatomyxum) ndumoensis* n. sp. and *Trypanosoma (Trypanosoma) tokoloshi* n. sp. *Journal of Eukaryotic Microbiology*. 70, e12970. <https://doi.org/10.1111/jeu.12970>
 14. De Lange F, **Netherlands EC**, du Preez LH (2023). Call repertoire of *Ptychadena uzungwensis* (Anura: Ptychadenidae) to complement molecular and morphological identification of the species from the Soutpansberg, South Africa. *African Journal of Herpetology*. 72, 33–46. <https://doi.org/10.1080/21564574.2022.2161015>
 15. Úngari LP, **Netherlands EC**, Santos ALQ, de Alcantara EP, Emmerich E, da Silva RJ, O'Dwyer LH (2022). Diversity of haemogregarine parasites infecting Brazilian anurans, with a description of new species of *Dactylosoma* (Apicomplexa: Adeleorina: Dactylosomatidae). *Acta Parasitologica*. 67, 1740–1755. <https://doi.org/10.1007/s11686-022-00624-3>
 16. Majdi N, de Necker L, Fourie H, Loggenberg A, **Netherlands EC**, Bunte-Tschikin J, Traunspurger W, du Preez GC (2022). Diversity and distribution of benthic invertebrates dwelling rivers of the Kruger National Park, South Africa. *Koedoe* 64, a1702. <https://doi.org/10.4102/koedoe.v64i1.1702>
 17. Úngari LP, **Netherlands EC**, Santos ALQ, de Alcantara EP, Emmerich E, da Silva RJ, O'Dwyer LH (2022). Diversity of haemogregarine parasites infecting Brazilian snakes from the Midwest and Southeast regions with a description of two new species of *Hepatozoon* (Apicomplexa: Adeleorina: Hepatozoidae). *Parasitology International* 89, 102587. <https://doi.org/10.1016/j.parint.2022.102587>
 18. Svitin R, Bullard S, Dutton H, **Netherlands EC**, Syrota Y, Verneau O, du Preez LH (2021). *Pseudocapillaria (Ichthyocapillaria) bumpi* n. sp. (Nematoda: Capillariidae) parasitising West African lungfish *Protopterus annectens* (Owen, 1839) (Lepidosireniiformes: Protopteridae) in Mozambique and its phylogenetic position within capillariid nematodes. *Acta Parasitologica* 66, 1204–1211. <https://doi.org/10.1007/s11686-021-00389-1>
 19. **Netherlands EC**, Stroebel C, du Preez LH, Shabangu N, Matjila PT, van Schalkwyk OL, Penzhorn BL (2021). Molecular confirmation of high prevalence of species of *Hepatozoon* infection in free-ranging African wild dogs (*Lycaon pictus*) in the Kruger National Park, South Africa. *International Journal for Parasitology: Parasites and Wildlife*, 14, 335–340. <https://doi.org/10.1016/j.iippaw.2021.03.002>
 20. Kuzmin Y, **Netherlands EC**, du Preez L, Svitin R (2021). Two new species of *Neofoleyellides* (Nematoda: Onchocercidae) parasitising anuran amphibians in South Africa. *International Journal for Parasitology:*
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21. Nel T, du Preez L, **Netherlands EC**, Syrota Y, Svitin R (2021). *Spiroxys ankarafantsika* Roca et Garcia, 2008 (Nematoda: Gnathostomatidae) and Other Nematodes Parasitising *Pelusios* spp. (Testudines: Pelomedusidae) from South Africa and Mozambique. *Acta Parasitologica* 66, 954–961. <https://doi.org/10.1007/s11686-021-00352-0>
22. Úngari LP, **Netherlands EC**, de Alcantara EP, Emmerich E, da Silva RJ, O'Dwyer LH (2021). Description of a new species *Hepatozoon quagliattus* sp. nov. (Apicomplexa: Adeleorina: Hepatozoidae), infecting the sleep snake, *Dipsas mikanii* (Squamata: Colubridae: Dipsadinae) from Goiás State, Brazil. *Acta Parasitologica* 66, 871–880. <https://doi.org/10.1007/s11686-021-00355-x>
23. Úngari LP, **Netherlands EC**, Santos ALQ, de Alcantara EP, Emmerich E, da Silva RJ, O'Dwyer LH (2021). New insights on the diversity of Brazilian anuran blood parasites: With the description of three new species of *Hepatozoon* (Apicomplexa: Hepatozoidae) from Leptodactylidae anurans. *International Journal for Parasitology: Parasites and Wildlife*, 14, 190–201. <https://doi.org/10.1016/j.iippaw.2021.02.009>
24. Úngari LP, **Netherlands EC**, Santos ALQ, de Alcantara EP, Emmerich E, da Silva RJ, O'Dwyer LH (2020). A new species, *Dactylosoma piperis* n. sp. (Apicomplexa, Dactylosomatidae), from the pepper frog *Leptodactylus labyrinthicus* (Anura, Leptodactylidae) from Mato Grosso State, Brazil. *Parasite*, 27: 73. <https://doi.org/10.1051/parasite/2020070>
25. Edgecombe GD, Akkari N, **Netherlands EC**, Du Preez G (2020). A troglobitic species of the centipede *Cryptops* (Chilopoda, Scolopendromorpha) from northwestern Botswana. *ZooKeys*, 977: 25–40. <https://doi.org/10.3897/zookeys.977.57088>
26. Fan L, Xu W, Jia T, **Netherlands EC**, du Preez LH (2020). *Polystoma luohetong* n. sp. (Monogenea: Polystomatidae) from *Rana chaochiaoensis* Liu (Amphibia: Ranidae) in China. *Systematic Parasitology*, 1–9. <https://doi.org/10.1007/s11230-020-09937-1>
27. Van As M, **Netherlands EC**, Smit NJ (2020). Molecular characterisation and morphological description of two new species of *Hepatozoon* (Apicomplexa: Adeleorina: Hepatozoidae) infecting leukocytes of African leopards *Panthera pardus pardus* (L.). *Parasites & Vectors*, 13, 222. <https://doi.org/10.1186/s13071-020-3933-6>
28. **Netherlands EC**, Svitin R, Cook CA, Smit NJ, Brendonck L, Vanhove MPM, du Preez LH (2020). *Neofoleyellides boerewors* n. gen. n. sp. (Nematoda: Onchocercidae) parasitising common toads and mosquito vectors: morphology, life history, experimental transmission and host-vector interaction in situ. *International Journal for Parasitology*, 50, 177–194. <https://doi.org/10.1016/j.iipara.2019.11.009>
29. **Netherlands EC**, Cook CA, du Preez LH, Vanhove MPM, Brendonck L, Smit NJ (2020). An overview of the Dactylosomatidae (Apicomplexa: Adeleorina: Dactylosomatidae), with the description of *Dactylosoma kermi* n. sp. parasitising *Ptychadena anchietae* and *Sclerophrys gutturalis* from South Africa. *International Journal for Parasitology: Parasites and Wildlife*, 11, 246–260. <https://doi.org/10.1016/j.iippaw.2019.12.006>
30. Vamberger M, Hofmeyr MD, Cook CA, **Netherlands EC**, Fritz U (2019). Phylogeography of the East African serrated hinged terrapin *Pelusios sinuatus* (Smith, 1838) and resurrection of *Sternothaerus bottegi* Boulenger, 1895 as a subspecies of *P. sinuatus*. *Amphibian and Reptile Conservation*, 13 (2). [http://amphibian-reptile-conservation.org/pdfs/Volume/Vol_13_no_2/ARC_13_2_\[Special_Section\]_42-56_e184.pdf](http://amphibian-reptile-conservation.org/pdfs/Volume/Vol_13_no_2/ARC_13_2_[Special_Section]_42-56_e184.pdf)
31. Phaka, FM, **Netherlands EC**, Kruger DJ, du Preez, LH (2019). Folk taxonomy and indigenous names for frogs in Zululand, South Africa. *Journal of Ethnobiology and Ethnomedicine*, 15, 17. <https://doi.org/10.1186/s13002-019-0294-3>
32. Penzhorn BL, **Netherlands EC**, Cook CA, Smit NJ, Vorster I, Harrison-White RF, Oosthuizen MC (2018). Occurrence of *Hepatozoon canis* (Adeleorina: Hepatozoidae) and *Anaplasma* spp. (Rickettsiales:

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- Anaplasmataceae*) in black-backed jackals (*Canis mesomelas*) in South Africa. *Parasites & Vectors*, 11 (1), 158. <https://doi.org/10.1186/s13071-018-2714-y>
33. Cook CA, **Netherlands EC**, Van As J, Smit NJ (2018). Two new species of *Hepatozoon* (Apicomplexa: Hepatozoidae) parasitising species of *Philothamnus* (Ophidia: Colubridae) from South Africa. *Folia Parasitologica*, 65(1), 04. <https://doi.org/10.14411/fp.2018.004>
 34. **Netherlands EC**, Cook CA, du Preez LH, Vanhove MPM, Brendonck L, Smit NJ (2018). Monophyly of the species of *Hepatozoon* (Adeleorina: Hepatozoidae) parasitising (African) anurans, with the description of three new species from hyperoliid frogs in South Africa. *Parasitology*, 145 (8), 1039–1050. <https://doi.org/10.1017/S003118201700213X>
 35. Minter LR, **Netherlands EC**, du Preez LH (2017). Uncovering a hidden diversity: two new species of *Breviceps* (Anura: Brevicipitidae) from northern KwaZulu-Natal, South Africa. *Zootaxa*, 4300 (2), 195–216. <https://doi.org/10.11646/zootaxa.4300.2.3>
 36. Welicky R, De Swart J, Gerber R, **Netherlands EC**, Smit NJ (2017). Drought-associated absence of alien invasive anchorworm, *Lernaea cyprinacea* (Copepoda: Lernaeidae), is related to changes in fish health. *International Journal for Parasitology: Parasites and Wildlife*, 6, 430–438. <https://doi.org/10.1016/j.ijppaw.2017.01.004>
 37. Conradie R, Cook CA, du Preez LH, Jordaan A, **Netherlands EC** (2017). Ultrastructural comparison of *Hepatozoon ixoxo* and *Hepatozoon theileri* (Adeleorina: Hepatozoidae), parasitising South African anurans. *Journal of Eukaryotic Microbiology*, 64, 193–203. <https://doi.org/10.1111/jeu.12351>
 38. Van As J, Cook CA, **Netherlands EC**, Smit NJ (2016). A new lizard malaria parasite *Plasmodium intabazwe* n. sp. (Apicomplexa: Haemospororida: Plasmodiidae) in the Afrotropical *Pseudocordylus melanotus* (Sauria: Cordylidae) with a review of African saurian malaria parasites. *Parasites & Vectors* 9(1), 437. <https://doi.org/10.1186/s13071-016-1702-3>
 39. Cook CA, **Netherlands EC**, Smit NJ (2016). Redescription, molecular characterization and taxonomic re-evaluation of a unique African monitor lizard haemogregarine *Karyolysus paradoxa* (Dias, 1954) n. comb. (*Karyolysidae*). *Parasites & Vectors*, 9, 347. <https://doi.org/10.1186/s13071-016-1600-8>
 40. Cook CA, **Netherlands EC**, Smit NJ (2015). First *Hemolivia* from southern Africa: reassigning chelonian *Haemogregarina parvula* Dias, 1953 (Adeleorina: Haemogregarinidae) to *Hemolivia* (Adeleorina: Karyolysidae). *African Zoology*, 50(2), 165–173. <http://dx.doi.org/10.1080/15627020.2015.1044467>
 41. **Netherlands EC**, Cook CA, Kruger DJ, du Preez LH, Smit NJ (2015). Biodiversity of frog haemoparasites from sub-tropical northern KwaZulu-Natal, South Africa. *International Journal for Parasitology: Parasites and Wildlife*, 4(1), 135–141. <http://dx.doi.org/10.1016/j.ijppaw.2015.01.003>
 42. **Netherlands EC**, Cook CA, Smit NJ (2014). *Hepatozoon* species (Adeleorina: Hepatozoidae) of African bufonids, with morphological description and molecular diagnosis of *Hepatozoon ixoxo* sp. nov. parasitising three *Amietophrynus* species (Anura: Bufonidae). *Parasites & Vectors*, 7(1), 552. <https://doi.org/10.1186/s13071-014-0552-0>
 43. **Netherlands EC**, Cook CA, Smit NJ, du Preez LH (2014). Redescription and molecular diagnosis of *Hepatozoon theileri* (Laveran, 1905) (Apicomplexa: Adeleorina: Hepatozoidae), infecting *Amietia queketti* (Anura: Pyxicephalidae). *Folia Parasitologica*, 61(4), 293–300. <https://doi.org/10.14411/fp.2014.046>
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BOOKS & BOOK CHAPTERS

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1. Vanhove MPM, Kmentová N, Luus-Powell WJ, **Netherlands EC**, de Buron I, Barger MA (2022): A snapshot of
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- parasites in tropical and subtropical freshwater wetlands: modest attention for major players. In: Dalu T, & Wasserman RJ, (eds). *Fundamentals of Tropical Freshwater Wetlands: From Ecology to Conservation Management*. Academic Press, London. Chennai: Elsevier, 417–485. <https://doi.org/10.1016/B978-0-12-822362-8.00020-7>
2. Acosta AA, Netherlands EC, Retief F, de Necker L, du Preez L, Truter M, Alberts R, Gerber R, Wepener V, Malherbe W. Smit NJ. (2020). [Conserving Freshwater Biodiversity in an African Subtropical Wetland: South Africa's Lower Phongolo River and Floodplain](https://doi.org/10.5772/intechopen.93752). In *Managing Wildlife in a Changing World*. IntechOpen. <https://doi.org/10.5772/intechopen.93752>
 3. Phaka FM, **Netherlands EC**, Kruger DJ, du Preez, LH (2017): [A Bilingual Field Guide to the Frogs of Zululand](https://doi.org/10.1016/B978-0-12-822362-8.00020-7). South African National Biodiversity Institute, Pretoria. 978-1-928224-19-8
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OTHER PUBLICATIONS

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1. **Netherlands EC**, (2019). **Book Review:** [Field Guide to the Frogs & other Amphibians of Africa](https://doi.org/10.1080/21564574.2019.1700442), Alan Channing and Mark-Oliver Rödel. *African Journal of Herpetology*. 68(2), 134–136. <https://doi.org/10.1080/21564574.2019.1700442>
 2. **Netherlands EC***, Smit NJ, du Preez LH. [Preliminary results on the biodiversity of South African amphibian blood parasites](http://dx.doi.org/10.4102/satnt.v33i1.1268). *Annual South African Academy for Science and Art – Biological Sciences symposium*. University of Pretoria, South Africa, 23 September 2013. (Published abstract: <http://dx.doi.org/10.4102/satnt.v33i1.1268>)
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CONFERENCES; SYMPOSIA; & WORKSHOPS

Type: Oral/Poster presentations:

Number: 54

1. **Netherlands EC***. [The biology of blood parasites in amphibians and reptiles: Insights into host-parasite interactions and ecology](#). VI International Conference on Malaria and Other Blood Parasites of Wildlife & III International Symposium of the Wildlife Diseases Research Network 26–29 November 2024, Medellín, Colombia. (**Keynote speaker**).
 2. **Netherlands EC***, Jordaan BJ, Du Preez LH & Van As J. [Exploring the diversity of haemoparasites in *Smaug depressus* \(flat dragon lizard\), an endemic from the Soutpansberg mountain range in South Africa](#). 10th World Congress of Herpetology 5–9 August 2024, Kuching, Sarawak, Malaysia.
 3. Du Bussion J, Du Preez LH & **Netherlands EC***. [Diversity and distribution of anuran blood parasites within the Vhembe Biosphere](#). 10th World Congress of Herpetology 5–9 August 2024, Kuching, Sarawak, Malaysia.
 4. Jordaan BJ*, Du Preez LH, Van As J & **Netherlands EC**. [Investigating trypanosomes of herpetofauna in Southern Africa](#). 10th World Congress of Herpetology 5–9 August 2024, Kuching, Sarawak, Malaysia.
 5. Picelli AM*, Ceriaco LM, Pacheco AM, **Netherlands EC**, Heinicke M, Escalante AA & Bauer AM. [Hemoparasites in Herpetofauna: revealing hidden components of Southern Africa biodiversity](#). 10th World Congress of Herpetology 5–9 August 2024, Kuching, Sarawak, Malaysia.
 6. Du Bussion J*, Du Preez LH & **Netherlands EC**. [Frogs and their blood parasites: A biodiversity survey of the Soutpansberg mountain range](#). 51st Annual Congress of the Parasitological Society of Southern Africa
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- (PARSA), 17–20 September 2023, Muldersdrift.
7. Haarhof T*, Venter M, Du Preez, LH & **Netherlands EC**. [The complete mitochondrial genomes of species of *Haemogregarina* \(Adeleorina: Haemogregarinidae\), parasitising the Serrated hinged terrapin *Pelusios sinuatus*. 51st Annual Congress of PARSA, 17–20 September 2023, Muldersdrift.](#)
 8. **Netherlands EC***, Jordaan BJ, Du Buisson J, Haarhof T & Du Preez LH. [Under the Dragon's Veil: investigating the diversity of blood parasites in the Flat dragon lizard \(*Smaug depressus*\) from the Soutpansberg mountain range. 51st Annual Congress of PARSA, 17–20 September 2023, Muldersdrift.](#)
 9. Jordaan BJ*, Du Preez LH & **Netherlands EC**. [Revisiting the diversity and phylogenetic relationships of trypanosomes \(*Trypanosoma*\) infecting pelomedusid \(Pelomedusidae\) freshwater turtles in Southern Africa. 51st Annual Congress of PARSA, 17–20 September 2023, Muldersdrift](#)
 10. Le Roux C*, Cook, C, **Netherlands EC**, Truter M & Smit NJ. [Molecular and morphological characterisation of four species of fish parasitic *Trypanosoma Gruby*, 1843 from the South Coast of South Africa. 51st Annual Congress of PARSA, 17–20 September 2023, Muldersdrift.](#)
 11. **Netherlands EC***, Jordaan BJ, Du Buisson J, Haarhof T & Du Preez LH. [Small dragons, big surprises: exploring the diversity of blood parasites in *Smaug depressus* \(flat dragon lizard\) from the Soutpansberg mountain range. Zoological Society of Southern Africa \(ZSSA\), 25–29 September 2023, Central Drakensberg.](#)
 12. **Netherlands EC***. (Workshop). [Blood parasites of aquatic ectotherms. 2nd Annual Summit and Workshop on Aquatic Pathogens and Parasites of the Southeastern United States, 27–29 May 2023.](#)
 13. Jordaan BJ, van As J, **Netherlands EC***. (Poster) [Morphological and molecular diagnosis of two species of *Trypanosoma Gruby*, 1843 infecting South African cordylids \(Squamata: Cordylidae: Cordylinae\). 15th symposium of the Herpetological Association of Africa \(HAA\). Hoedspruit, South Africa, 16–19 January 2023.](#)
 14. Du Buisson J, du Preez LH, **Netherlands EC***. (Best Poster) [Anuran blood parasite fauna of the Soutpansberg mountain range. 15th symposium of the Herpetological Association of Africa \(HAA\). Hoedspruit, South Africa, 16–19 January 2023.](#)
 15. Phaka FM*, **Netherlands EC**, Van Steenberge M, Verheyen E, Sonet G, Hugé J, du Preez LH, Vanhove MPM. [Herpetofauna in South Africa's urban traditional medicine markets: DNA barcoding and cultural perspectives inform monitoring and conservation. 15th symposium of the HAA. Hoedspruit, South Africa, 16–19 January 2023.](#)
 16. **Netherlands EC***, du Preez LH. [Haemoparasites found parasitizing species of *Leptopelis* \(Arthroleptidae\) from southern Africa. 19th meeting of the African Amphibian Working Group \(AAWG\). Windhoek, Namibia, 22–23 November 2022.](#)
 17. **Netherlands EC***, du Preez LH. [Xenopus laevis still full of surprises: The first report of a species of *Babesiosoma* Jakowska and Nigrelli, 1956 \(Apicomplexa: Adeleorina\) from an African anuran. 4th International Congress on Parasites of Wildlife & 50th Annual Congress of the Parasitological Society of Southern Africa \(PARSA\). Kruger National Park, South Africa, 11–15 September 2022.](#)
 18. Jordaan BJ*, du Preez LH, **Netherlands EC**. [Taxonomic re-evaluation of African anuran trypanosomes with the redescription and molecular diagnosis of *Trypanosoma nelspruitense* Laveran, 1904 and *Trypanosoma grandicolor* Pienaar, 1962. 4th International Congress on Parasites of Wildlife & 50th Annual Congress of PARSA. Kruger National Park, South Africa, 11–15 September 2022.](#)
 19. Du Buisson J*, du Preez LH, **Netherlands EC**. [The biodiversity of frog blood parasites from the Vhembe Biosphere, Limpopo, South Africa. 4th International Congress on Parasites of Wildlife & 50th Annual Congress of PARSA. Kruger National Park, South Africa, 11–15 September 2022.](#)
 20. Haarhoff T*, du Preez LH, Pretorius M, **Netherlands EC**. [The complete mitochondrial genome sequences of](#)

- Hepatozoon theileri* and *Hepatozoon ixoxo* (Adeleorina: Hepatozoidae) parasitising frogs from South Africa. 4th International Congress on Parasites of Wildlife & 50th Annual Congress of the Parasitological Society of Southern Africa (PARSA). Kruger National Park, South Africa, 11–15 September 2022.
21. Úngari LP*, **Netherlands EC**, Santos ALQ, de Alcantara EP, Emmerich E, da Silva RJ, O'Dwyer de Oliveira LH. Diversity of Haemogregarines species (Apicomplexa: Adeleorina) species infecting Brazilian aquatic turtles. 15th International Congress of Parasitology. Copenhagen, Denmark, 21–26 August 2022.
 22. du Buisson J*, Pretorius M, du Preez LH, **Netherlands EC**. Preliminary results on the biodiversity of blood parasites infecting South African frogs. FBIP Postgrad Student Forum. Virtual Conference, 21 October 2021.
 23. **Netherlands EC***, du Preez LH. Hiding out in trees won't keep you safe: Blood parasites of southern African tree frogs. 49th Annual Congress of the Parasitological Society of Southern Africa (PARSA). Virtual Conference, 14-16 September 2021.
 24. Jordaan BJ*, du Preez LH, **Netherlands EC**. Taxonomic re-evaluation of African anuran trypanosomes with the redescription and molecular diagnosis of *Trypanosoma nelspruitense* Laveran, 1904. 49th Annual Congress of PARSA. Virtual Conference, 14-16 September 2021.
 25. du Buisson J*, du Preez LH, **Netherlands EC**. Diversity and distribution of anuran blood parasites from the Vhembe Biosphere. 49th Annual Congress of PARSA. Virtual Conference, 14-16 September 2021.
 26. du Buisson J*, du Preez LH, **Netherlands EC**. Morphological and molecular data of a species of *Schellackia* (Apicomplexa: Schellackiidae) parasitizing the common River frog, *Amietia delalandii*, from the northern parts of South Africa. British Society for Parasitologists (BSP). Virtual Conference, 21-25 June 2021.
 27. **Netherlands EC***. Links between amphibian blood parasites and those that affect man. Virtual Training Workshop on One Health in Theory. University of Pretoria, RSA 25–28 May 2021. (Invited speaker).
 28. Úngari LP*, **Netherlands EC**, Santos ALQ, de Alcantara EP, Emmerich E, da Silva RJ, O'Dwyer de Oliveira LH. Diversity of *Hepatozoon* (Apicomplexa: Adeleorina: Hepatozoidae) species infecting Brazilian snakes from Midwest and Southeast regions. XXVII Congresso da Sociedade Brasileira de Parasitologia. Brazil, 04-06 May 2021 (online).
 29. **Netherlands EC***. Amphibian filarial nematodes - host, parasite, and vector interaction. Annual Congress of the Southeastern Society of Parasitologists. South Carolina, USA 07 April 2021. (Keynote speaker).
 30. **Netherlands EC*** Svitin R, Smit NJ, Vanhove MPM, Brendonck L, du Preez LH. Host-parasite-vector interactions and elucidation of an amphibian filarial nematode life cycle. Parasitological seminar - Department of Botany and Zoology. Masaryk University, Brno, Czech Republic 07 April 2021. (Invited speaker).
 31. **Netherlands EC***, Svitin R, Smit NJ, du Preez LH. Host-parasite-vector interactions and elucidation of an amphibian filarial nematode life cycle. 48th Annual Congress of PARSA. Windhoek, Namibia, 15-17 September 2019. (Best veteran oral presentation).
 32. **Netherlands EC***, Cook CA, du Preez LH, Vanhove MPM, Brendonck L, Smit NJ. Dactylosomatids of anurans: Past, present, and future. The 94th Annual Meeting of the American Society of Parasitologists (ASP). Rochester, MN, USA 10–14 July 2019.
 33. **Netherlands EC***. The blood is the life: Host-parasite-vector interactions through the elucidation of the life history of an amphibian filarial nematode. Unit for Environmental Sciences and Management Prestige PhD Conference 2018. Potchefstroom, South Africa, 30 August 2018. (2nd Best PhD student oral presentation).
 34. **Netherlands EC***, Svitin R, du Preez LH, Smit NJ. The blood is the life: Host-parasite-vector interactions through the elucidation of the life history of an amphibian filarial nematode. Annual Congress of the Southern African Society of Aquatic Sciences (SASAqS). Cape St Francis, South Africa, 24–28 June 2018. (Best PhD student oral presentation).

35. Cook CA*, **Netherlands EC**, Smit NJ. [Something's 'fishy': African fish haemogregarine blood parasites - the past, present and future](#). *Annual Congress of the SASAQS*. Cape St Francis, South Africa, 24–28 June 2018.
36. **Netherlands EC***, Cook CA, du Preez LH, Vanhove MPM, Brendonck L, Farquharson C, Lawton SP, Smit NJ. [First Report and Characterisation of eimeriid-type Coccidia \(Apicomplexa\) from the Blood of African Anurans using Morphological and Molecular Techniques](#). *3rd International Congress on Parasites of Wildlife & 46th Annual Congress of the Parasitological Society of Southern Africa (PARSA)*. Kruger National Park, South Africa, 24–27 September 2017.
37. **Netherlands EC***, Cook CA, Vanhove MPM, Brendonck L, Smit NJ, du Preez LH. [Behind enemy lines: Intercellular blood parasites infecting our frogs](#). *13th symposium of the Herpetological Association of Africa (HAA)*. Bonamanzi Game Reserve, KwaZulu-Natal, South Africa, 23–27 January 2017. (*African Herp News* 66, Dec 2017).
38. Cook CA*, **Netherlands EC**, Smit NJ, Van As J. [Reptiles of KwaZulu-Natal, South Africa, a blood parasite's paradise](#). *13th symposium of the Herpetological Association of Africa (HAA)*. Bonamanzi Game Reserve, KwaZulu-Natal, South Africa, 23–27 January 2017. (*African Herp News* 66, Dec 2017, www.africanherpetology.org).
39. Phaka FM*, Kruger, DJD, **Netherlands EC**, Du Preez L.H. [Amphibian diversity and community-based ecotourism in Ndumo Game Reserve, South Africa](#). *13th symposium of the Herpetological Association of Africa (HAA)*. Bonamanzi Game Reserve, KwaZulu-Natal, South Africa, 23–27 January 2017. (*African Herp News* 66, Dec 2017).
40. Reeder JE*, **Netherlands EC**, Du Preez L.H. [Amphibians of northern Kwazulu-Natal: A Phylogenetic Study](#). *13th symposium of the Herpetological Association of Africa (HAA)*. Bonamanzi Game Reserve, KwaZulu-Natal, South Africa, 23–27 January 2017. (*African Herp News* 66, Dec 2017).
41. Conradie R, Cook CA, du Preez LH, Jordaan A, **Netherlands EC***. (Poster) [Ultrastructural comparison of *Hepatozoon ixoxo* and *Hepatozoon theileri* \(Adeleorina: Hepatozoidae\), parasitising South African anurans](#). *13th symposium of the HAA*. Bonamanzi Game Reserve, KwaZulu-Natal, South Africa, 23–27 January 2017.
42. **Netherlands EC***, Cook CA, du Preez LH, Vanhove MPM, Brendonck L, Smit NJ. [Haemogregarine parasites parasitising frogs of the Hyperoliidae \(sedge and bush frogs\) from South Africa](#). *45th Annual Congress of the Parasitological Society of Southern Africa (PARSA)*. Cape Town, South Africa, 28–31 August 2016.
43. Cook CA*, **Netherlands EC**, Smit NJ (2016): [Redescription, molecular characterization and taxonomic re-evaluation of a unique African monitor lizard haemogregarine *Karyolysus paradoxa* \(Dias, 1954\) n. comb. \(*Karyolysidae*\)](#). *45th PARSA*. Cape Town, South Africa, 28–31 August 2016.
44. van As M*, **Netherlands EC**, Cook CA, van As J, Thekiso OMM, Smit NJ. [Hepatozoon species \(Apicomplexa: Adeleorina: Hepatozoidae\) infecting wild and captive leopards *Panthera pardus pardus* \(Linnaeus, 1758\) from the Free State, Limpopo and Mpumalanga, South Africa](#). *45th PARSA*. Cape Town, South Africa, 28–31 August 2016.
45. Mofokeng TL*, van As M, Cook CA, **Netherlands EC**, Taioe MO, van As J. [Plasmodiid infections of Afrikanian raptors in the eastern Free State, South Africa](#). *45th PARSA*. Cape Town, South Africa, 28–31 August 2016.
46. van As J*, Cook CA, **Netherlands EC**, Smit NJ. [Molecular characterisation, morphological description and life cycle elucidation of *Hepatozoon* \(Apicomplexa: Adeleorina\) infections in three African snakes](#). *45th PARSA*. Cape Town, South Africa, 28–31 August 2016.
47. Reeder J*, **Netherlands EC**, du Preez LH. [A comprehensive study of the parasitic mite *Xenopacarus africanus* \(Acari: Ereyetidae\) parasitic in the African clawed frog *Xenopus laevis*](#). *45th PARSA*. Cape Town, South

Africa, 28–31 August 2016.

48. Conradie R*, Cook CA, du Preez LH, Jordaan A, **Netherlands EC**. (Poster) [Ultrastructural comparison of *Hepatozoon ixoxo* and *Hepatozoon theileri* \(Adeleorina: Hepatozoidae\), parasitising South African anurans.](#) 45th PARSA. Cape Town, South Africa, 28–31 August 2016.
 49. **Netherlands EC***, Cook CA, Kruger DJD, du Preez LH, Smit NJ. [Northern KwaZulu-Natal, a hotspot for frogs and their blood parasites.](#) *Annual Congress of the Southern African Society of Aquatic Sciences (SASAqS)*. Kruger National Park, South Africa, 26–30 June 2016. (**Best PhD student oral presentation**).
 50. **Netherlands EC***, Kruger DJD, du Preez LH. [Dimorphic Argus reed frog \(*Hyperolius argus*\): hybrid or cryptic species? A case study with additional notes on sub-adult calling behaviour.](#) *Amphibian Conservation Research Symposium (ACRS)*. North-West University, Potchefstroom, South Africa 18-21 January 2016.
 51. **Netherlands EC***, Cook CA, du Preez LH, Smit NJ. [The Dactylosomatidae \(Apicomplexa: Adeleorina\) of African amphibians.](#) 44th Annual Congress of the Parasitological Society of Southern Africa (PARSA). South Coast, KwaZulu-Natal, South Africa, 20–22 September 2015.
 52. **Netherlands EC***, Cook CA, Smit NJ. [The *Hepatozoon* species \(Adeleorina: Hepatozoidae\) of African bufonids.](#) *British Society of Parasitology annual Spring meeting*. Liverpool, UK, 16-18 April 2015.
 53. **Netherlands EC***, Kruger DJD, du Preez LH. [Passive acoustic monitoring of frogs in the Ndumo Game Reserve, South Africa.](#) *Amphibian Conservation Research Symposium (ACRS)*. University of Cambridge, UK, 11-12 April 2015.
 54. **Netherlands EC***, Kruger DJD, du Preez LH. [Passive acoustic monitoring of amphibians in the Ndumo Game Reserve.](#) Symposium of Contemporary Conservation Practice, Howick, KwaZulu-Natal, South Africa, 3-7 November 2014.
 55. **Netherlands EC***, Cook CA, Smit NJ, du Preez LH. [Biodiversity of haematozoans parasitising South African frog species, with preliminary morphological and molecular data on haemogregarines of the Bufonidae.](#) 1st International Congress on Parasites of Wildlife & 43rd Annual Congress of the Parasitological Society of Southern Africa (PARSA). Kruger National Park, South Africa, 14–18 September 2014.
 56. **Netherlands EC***, Smit NJ, du Preez LH. [Preliminary results on the biodiversity of South African amphibian blood parasites.](#) *Annual South African Academy for Science and Art – Biological Sciences symposium*. University of Pretoria, South Africa, 23 September 2013.
 57. **Netherlands EC***, Cook CA, Smit NJ, du Preez LH. [Preliminary results on the biodiversity of South African amphibian blood parasites. Best senior student oral presentation.](#) 42nd Annual Congress of the Parasitological Society of Southern Africa (PARSA). Parys, South Africa, 22–24 September 2013. (**Best senior student oral presentation**).
 58. **Netherlands EC***, Smit NJ, du Preez LH. [Amphibian blood parasites: host habitat utilization and parasite infection levels in South Africa.](#) 11th symposium of the Herpetological Association of Africa (HAA). NZG, Pretoria, South Africa, 1-2 February 2013.
 59. **Netherlands EC***, Smit NJ, du Preez LH. [Correlation between amphibian habitat utilisation and blood parasite infection levels the Pongola floodplain.](#) *Annual South African Academy for Science and Art – Biological Sciences symposium*. North-West University, South Africa, 5 October 2012. (**Best honours student oral presentation**). <http://dx.doi.org/10.4102/satnt.v33i1.1245>
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GRANTS OBTAINED

1. **Herpetological Association of Africa Professional Research Grant:** Research on *Breviceps* (R15 000.00).
2. **Interdisciplinary Research Grant (2023/2024)** – UFS: Greater Kruger Herptile and Human Health (R100,000.00).
3. **Foundational Biodiversity Information Programme (2021/2022)** – National Research Foundation (NRF), Grant No: 129114: DNA Barcoding of Ectotherm Blood Parasites from Southern Africa (R185,000.00): Outputs to date: 2× Peer reviewed paper
4. **Foundational Biodiversity Information Programme (2020/2021)** – National Research Foundation (NRF), Grant No: 120782: Anuran Diversity and Habitat Utilisation in the Vhembe Biosphere (R199,500.00): Outputs to date: 3× Peer reviewed papers
5. **Parasitological Society of Southern Africa (2019)** – Early-career Conference Support grant.
6. **Foundation for the Promotion of Biodiversity Research in Africa (2019)** - Botanic Garden Meise, Belgium Grant.
7. **Foundational Biodiversity Information Programme (2017/2018)** – National Research Foundation (NRF), Grant UID 98114: Amphibian biodiversity and eco-tourism (R155,000.00): Outputs: 1× Field guide; 4× Peer reviewed papers; 3× MSc degrees; 4× Conference proceedings

SPECIAL AWARDS & HONOURS

Award	Institution	Year
Finalist - TW Kambule-NSTF Award in the Emerging Researchers category	National Science and Technology Forum (NSTF)	2023
Winner of the Senior WO Neitz Medal – best PhD thesis in parasitology across southern Africa	Parasitological Society of Southern Africa (PARSA)	2019
NRF Research Excellence for Next Generation Researchers Award – Best Final year PhD Candidate Male (Across South Africa - all disciplines)	National Research Foundation	2018
Winner of the S2A3 Medal – most outstanding Master's degree	NWU – Faculty Natural Sciences	2015
Winner of the Junior WO Neitz Medal – best MSc thesis in parasitology across southern Africa	PARSA	2015
Golden Key membership	Golden Key International Honour Society	2015

JOURNAL EDITORIAL BOARD

Journal	Year
African Journal of Herpetology - Print ISSN: 2156-4574; Online ISSN: 2153-3660	June 2019

ASSOCIATE EDITOR

Journal	Year
African Journal of Wildlife Research - Print ISSN: 2410-7220; Online ISSN: 2410-8200	2023

LECTURING

Institution	Subject	Level	Module	Role	Year
UFS	Life history strategies in arid environments	Third year	ZLGY3724	NQF level 7 - 16 credits	2022
UFS	<i>Capita selecta</i> - Herpetology	Honours	ZLGY6844		2022
NWU	Ectothermic vertebrates handling and ethics	Postgraduate		NQF level 6 - 8 credits	2019 - 2017
NWU	Herpetology in practice	Honours	OMSB 627	NQF level 8 - 16 credits	2017 - 2021
NWU	Zoology	First year	DRKN 121	NQF level 7 - 16 credits	2015 - 2017

COMMUNITY ENGAGEMENT

Activity	Audience	Role	Year
Educational talk on snakes and snake bite at Pelonomi Regional Hospital (16-05-2024)	15 medical doctors	Educational talk	2024
Educational night frogging activities for school group (26-01-2024)	~ 50 primary school children	Educational talks & activities	2024
Educational talk about snake safety, titled "Daar's 'n slang in die gras,"	~ 70 preschool children	Educational talks & activities	2023
Educational night frogging activities for school group.	~ 20 primary school children	Educational talks & activities	2023
Frogging and educational night event "Paddanag in Bloem"	~ 50 primary school children	Educational talks & activities	2022
Foundational Biodiversity Information Programme (FBIP)	General public	Interview on research project of Africa Wild dogs https://fbip.co.za/news/african-wild-dog-populations-gnawed-by-blood-parasites/	
NRF-DAAD Scholarship review	Postgraduate students	Review and selection process	2021
RSG Radio interview - Spektrum by Suzanne Paxton	General public	Interview to discuss my research and interesting findings	2020
Science Week - Facing the harsh realities of climate change	~1500 - High School children	Educational talks & activities - Diversity and importance of frogs in SA	2019
Frog week at Teddie Tjokkers preschool	~50 – preschool children	Educational talks & activities	2019
Educational workshop – Frogs & Eco-tourism	Tembe tribe - northern KZN	Training & educational activities	2017

STUDENT SUPERVISION

Student	Role	Institution	Student No.	Year Started	Graduated
Degree: B.Sc. Honours					
Kopano M. Mohohlo	Supervisor	Zoology (UFS)	2019037940	2023	2024
Bianka van Buuren	Supervisor	Enviro. Sci. (NWU)	31609937	2022	2023
Tiaan Botha	Supervisor	Enviro. Sci. (NWU)	31948642	2022	2023
Almé Jordaan	Supervisor	Enviro. Sci. (NWU)	30472636	2021	2022
Tiaan Haarhoff	Supervisor	Enviro. Sci. (NWU)	30766095	2021	2022
Jean-Wayne Clements	Co-Supervisor	Enviro. Sci. (NWU)	30173302	2021	2022
Bernie Jordaan	Supervisor	Enviro. Sci. (NWU)	29706696	2020	2021
Carlie Stroebel	Supervisor	Enviro. Sci. (NWU)	28500717	2020	2021
Roxanne Viviers	Co-Supervisor	Environmental Sci. (NWU)	23927399	2015	2016
Degree: M.Sc.					
Mlando Dlomo	Supervisor	Zoology (UFS)	2027020250	2024	
Monique Barnard	Supervisor	Zoology (UFS)	2019198148	2024	
Pieter Jansen	Supervisor	Zoology (UFS)	2024557080	2024	
Tiaan Haarhoff	Supervisor	Enviro. Sci. (NWU)	30766095	2022	2024
Bernie Jordaan	Supervisor	Enviro. Sci. (NWU)	29706696	2021	2023
Joretha du Buisson	Supervisor	Enviro. Sci. (NWU)	27332322	2021	2023
Jani E Reeder	Co-Supervisor	Enviro. Sci. (NWU)	25995642	2016	2019
Wentzel W Pretorius	Co-Supervisor	Enviro. Sci. (NWU)	23508159	2016	2019
Fortunate M Phaka	Co-Supervisor	Enviro. Sci. (NWU)	25985469	2016	2018
Joren Snoeks	Co-Supervisor	Biology (KU Leuven)	ID:592410387 883	2016	2017
Degree: PhD					
James Kidd	Supervisor	Zoology (UFS)	2014021709	2024	
Nikisha Singh	Supervisor	Zoology (UFS)	2024911238	2023	
Bernie Jordaan	Supervisor	Zoology (UFS)	2024904092	2023	
Leticia Úngari	Co-Supervisor	Zoology (IB – UNESP - Brazil)	N/A	2020	2023

MINI-DISSERTATION, DISSERTATION & THESIS EXAMINATION

Institution	Student	Assessment	Year
University of Limpopo	LP Lukhele	Master's Dissertation	2024
North-West University	C.M. Guder	Honours Mini-Dissertation	2023
North-West University	J. Rudman	Honours Mini-Dissertation	2023
University of the Free State	J. Kidd	Master's Dissertation	2023
University of the Free State	E. Terblans	Master's Dissertation	2023
University of the Free State	G.P. de Jager	PhD Thesis	2023

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

Society	Year
Wildlife Malaria Network (WIMANET)	2024 - current
Zoological Society of Southern Africa (ZSSA)	2023 - current
South African Society for Microbiology (SASM)	2021 - current
American Society of Parasitologists (ASP)	2019 - current
Herpetological Association of Africa (HAA)	2016 - current
Parasitological Society of Southern Africa (PARSA)	2016 - current
Southern African Society of Aquatic Scientists (SASAQs)	2016 - current

REVIEWER (See Publons Profile Link)

Journals	23
Acta Parasitologica	
African Journal of Herpetology	
African Herp News	
African Zoology	
Amphibia-Reptilia	
Annals of the Brazilian Academy of Sciences	
Biologia	
Canadian Journal of Zoology	
Ecologia Balkanica	
Folia Parasitologica	
Herpetology Notes	
International Journal for Parasitology: Parasites and Wildlife	
Journal of Eukaryotic Microbiology	
Journal of the Arkansas Academy of Science	
Journal of Wildlife Diseases	
Microscopy Research and Technique	
Parasite	
Parasites & Vectors	
Parasitology International	
Parasitology Research	
Protist	
Scientific Reports	
Zoology	

ADDITIONAL COURSES

Course	Date
ASI: Advanced Venomous Snake Handling Course	March 2021
ASI: Snake handling bootcamp	January 2021
Post-Graduate Supervision Training Workshop	February 2020
ASI: Advanced First-Aid for Snakebite Course	December 2019
Introductory R-Statistics Short Course	January 2018
ASI: Snake Awareness, First Aid for Snakebite and Venomous Snake Handling Course	November 2018
Short Course Ectothermic Vertebrates Handling and Ethics	August 2017
Introductory Bioinformatics Workshop	September 2016