



## POTENTIAL SUPERVISORS



### DEPARTMENT OF CONSERVATION ECOLOGY AND ENTOMOLOGY

#### List of potential 4<sup>th</sup> year supervisors for 2017

Staff member / postdoc	Research interests	Google scholar or ResearchGate profiles:
Pia Addison ( <a href="mailto:pia@sun.ac.za">pia@sun.ac.za</a> )	Integrated Pest Management (IPM) Taxonomy of pests and their natural enemies Ecology of pests and their natural enemies Fruit fly (Tephritidae) biodiversity and management	<a href="https://www.researchgate.net/profile/Pia_Addison">https://www.researchgate.net/profile/Pia_Addison</a>
Karen Esler ( <a href="mailto:kje@sun.ac.za">kje@sun.ac.za</a> )	Restoration Ecology, Invasion Biology, Wetland and Riparian ecology, Seed and seed bank ecology	<a href="http://scholar.google.co.za/citations?user=psTb5kgAAAJ&amp;hl=en">http://scholar.google.co.za/citations?user=psTb5kgAAAJ&amp;hl=en</a>  <a href="https://www.researchgate.net/profile/Karen_Esler">https://www.researchgate.net/profile/Karen_Esler</a>
René Gaigher ( <a href="mailto:reneg@sun.ac.za">reneg@sun.ac.za</a> )	Arthropod conservation ecology Biodiversity in production landscapes Arthropod natural enemies Invasive arthropod management	<a href="https://scholar.google.co.za/citations?user=-4x7CbYAAAAJ&amp;hl=en">https://scholar.google.co.za/citations?user=-4x7CbYAAAAJ&amp;hl=en</a>  <a href="https://www.researchgate.net/profile/Rene_Gaigher">https://www.researchgate.net/profile/Rene_Gaigher</a>
Shayne Jacobs ( <a href="mailto:sjacobs@sun.ac.za">sjacobs@sun.ac.za</a> )	Water Resources in Natural and Modified Ecosystems Drought Resistance of Native and Invasive Plants Invasive species impacts Rangeland Ecology (Degradation and Restoration of Semi-arid & Arid Rangelands) Restoration Ecology (Riparian, Mining Restoration) Sustainable Agriculture (Water Optimization for Food and Nutritional Security)	<a href="https://scholar.google.co.za/citations?user=sHVPy7UAAA&amp;hl=en">https://scholar.google.co.za/citations?user=sHVPy7UAAA&amp;hl=en</a>  <a href="https://www.researchgate.net/profile/Shayne_Jacobs">https://www.researchgate.net/profile/Shayne_Jacobs</a>
Alison Leslie ( <a href="mailto:aleslie@sun.ac.za">aleslie@sun.ac.za</a> )	Wildlife management Large mammal, ecology, physiology, behaviour, etc. Human-wildlife conflict	<a href="https://www.researchgate.net/profile/Al_Leslie">https://www.researchgate.net/profile/Al_Leslie</a>
Rhoda Malgas ( <a href="mailto:rmalgas@sun.ac.za">rmalgas@sun.ac.za</a> )	Local Ecological Knowledge (LEK) and production practice for commercially important honeybush species amongst small-scale landusers Climate change response of commercially important honeybush species Resource base assessment of commercially important cutflower species on the Agulhas Plain	<a href="http://scholar.google.co.za/citations?user=d5fQXC0AAA&amp;hl=en">http://scholar.google.co.za/citations?user=d5fQXC0AAA&amp;hl=en</a>  <a href="https://www.researchgate.net/profile/Rhoda_Malgas">https://www.researchgate.net/profile/Rhoda_Malgas</a>
Sonja Matthee ( <a href="mailto:smatthee@sun.ac.za">smatthee@sun.ac.za</a> )	Ecological factors that drive parasite diversity and distribution in small mammals and ruminants The role of habitat transformation on host and parasite communities Factors that drive parasite infestation in African penguins Parasite taxonomy and systematics	<a href="http://scholar.google.co.za/citations?user=7OMEUycAAA&amp;hl=en">http://scholar.google.co.za/citations?user=7OMEUycAAA&amp;hl=en</a>  <a href="https://www.researchgate.net/profile/Sonja_Matthee">https://www.researchgate.net/profile/Sonja_Matthee</a>
James Pryke ( <a href="mailto:jpryke@sun.ac.za">jpryke@sun.ac.za</a> )	Landscape ecology Biodiversity in agriculture	<a href="http://scholar.google.co.za/citations?user=hhZiG4UAA">http://scholar.google.co.za/citations?user=hhZiG4UAA</a>

	Biodiversity assessments Insect conservation Urban ecology Community and population ecology	<a href="#">AAJ&amp;hl=en</a> <a href="https://www.researchgate.net/profile/James_Pryke">https://www.researchgate.net/profile/James_Pryke</a>
Francois Roets ( <a href="mailto:fr@sun.ac.za">fr@sun.ac.za</a> )	Insect-plant-microorganism interactions Arthropod biodiversity Dung beetle ecology and diversity Diseases and herbivores of native trees <i>Oxalis</i> (clover) ecology and diversity Molecular ecology, population genetics and phylogenetics	<a href="http://scholar.google.co.za/citations?user=5GOcJhcAAA&amp;hl=en">http://scholar.google.co.za/citations?user=5GOcJhcAAA&amp;hl=en</a> <a href="https://www.researchgate.net/profile/Francois_Roets">https://www.researchgate.net/profile/Francois_Roets</a>
Michael Samways ( <a href="mailto:samways@sun.ac.za">samways@sun.ac.za</a> )	Biodiversity conservation, especially insect conservation. Landscape ecology. Dragonfly and katydid ecology and conservation. Pollinator conservation. Ecoacoustics.	<a href="https://www.researchgate.net/profile/Michael_Samways">https://www.researchgate.net/profile/Michael_Samways</a>
John Terblanche ( <a href="mailto:jst@sun.ac.za">jst@sun.ac.za</a> )	Terrestrial animals and their environmental adaptations, including phenotypic plasticity (the ability of an organism to change its phenotype). Respiratory metabolism and gas exchange patterns, insect respiratory chemoreception (sensing CO <sub>2</sub> and O <sub>2</sub> ), and physiological responses to oxygen and temperature. Most projects at the Honours level are lab-based using model organisms (e.g. Silk moths, flies or grasshoppers) and involve learning a diverse range of useful skills. The work fits broadly into the fields of functional ecology, global climate change, evolutionary ecology and physiological ecology	<a href="http://scholar.google.co.za/citations?user=i47YjBMAAA&amp;hl=en">http://scholar.google.co.za/citations?user=i47YjBMAAA&amp;hl=en</a> <a href="https://www.researchgate.net/profile/John_Terblanche">https://www.researchgate.net/profile/John_Terblanche</a>
Ruan Veldtman ( <a href="mailto:veldtman@sun.ac.za">veldtman@sun.ac.za</a> )	Plant –insect interactions Weed biological control Biodiversity based ecosystem services Insect invasion	<a href="http://scholar.google.co.za/citations?user=0qiCj94AAA&amp;hl=en">http://scholar.google.co.za/citations?user=0qiCj94AAA&amp;hl=en</a> <a href="https://www.researchgate.net/profile/Ruan_Veldtman">https://www.researchgate.net/profile/Ruan_Veldtman</a>
John Simaika ( <a href="mailto:simaikaj@sun.ac.za">simaikaj@sun.ac.za</a> )	Freshwater ecology and conservation Sustainable agriculture Biomonitoring Invasion biology Aquatic insect conservation Restoration management	<a href="https://scholar.google.co.za/citations?user=o_1wDxcAAA&amp;hl=en">https://scholar.google.co.za/citations?user=o_1wDxcAAA&amp;hl=en</a>
Corey Bazelet ( <a href="mailto:cbazelet@sun.ac.za">cbazelet@sun.ac.za</a> )	Acoustic landscape ecology Orthoptera Red Listing, behaviour, taxonomy, ecology, and biogeography Molecular systematics	<a href="https://www.researchgate.net/profile/Corinna_Bazelet">https://www.researchgate.net/profile/Corinna_Bazelet</a>
Jeremy Shelton ( <a href="mailto:jembejem@gmail.com">jembejem@gmail.com</a> )	Freshwater conservation biology, freshwater fish, aquatic invertebrates, invasive species, climate change	<a href="http://www.researchgate.net/profile/Jeremy_Shelton4">http://www.researchgate.net/profile/Jeremy_Shelton4</a>
Lize Joubert-van der Merwe ( <a href="mailto:lizejoubert@gmail.com">lizejoubert@gmail.com</a> )	Research interests: Biodiversity in agricultural or forestry landscapes, Plant conservation, Disturbance ecology, Conservation corridors	<a href="https://www.researchgate.net/profile/Lize_Joubert2">https://www.researchgate.net/profile/Lize_Joubert2</a>
Saskia von Diest ( <a href="mailto:saskia@sun.ac.za">saskia@sun.ac.za</a> )	Intuitive farming, urban gardening, community gardening	<a href="https://www.linkedin.com/profile/view?id=AAMAAAlms60BiYdSrhdX--jFTJNbbzxB6nv3wDo&amp;trk=hp-identity-name">https://www.linkedin.com/profile/view?id=AAMAAAlms60BiYdSrhdX--jFTJNbbzxB6nv3wDo&amp;trk=hp-identity-name</a>
Susanne Fietz ( <a href="mailto:SFietz@sun.ac.za">SFietz@sun.ac.za</a> )	Southern ocean nutrient cycling in relation to climate change	<a href="http://www.sun.ac.za/english/faculty/science/earthsciences/staff-and-postgrads/academic-staff/dr-susanne-fietz">http://www.sun.ac.za/english/faculty/science/earthsciences/staff-and-postgrads/academic-staff/dr-susanne-fietz</a>