



Prof Nicolson doseer in die Departement Dierkunde en Entomologie in die Fakulteit Natuur- en Landbouwetenskappe. Sy het die graad BSc(Hons) aan die Universiteit van Auckland in Nieu-Seeland verwerf en 'n Statebondsbeurs ontvang om 'n PhD in insek fisiologie aan die Universiteit van Cambridge te voltooi.

In Suid-Afrika was sy aanvanklik verbonde aan die Departement Dierkunde van die Universiteit van Kaapstad voordat sy in 2001 'n pos aan UP aanvaar het.

Prof Nicolson is veral betrokke by navorsing oor die fisiologiese aspekte van bestuivingsbiologie en in die besonder nektar en stuifmeel as voedsel vir bye en voëls. Sy beskou die toekenning van 'n navorsingsbeurs deur die Insect Pollinators Initiative van die Verenigde Koninkryk wat befonds word deur die Biotechnology and Biological Sciences Research Council (BBSRC) en ander, om die voedingsregulering van bye te bestudeer, as 'n hoogtepunt van haar loopbaan.

In 2010 het prof Nicolson drie toekennings ontvang. Die Gouepenning van die Dierkundevereniging van Suider-Afrika is aan haar toegeken, sy was eerste naaswenner van die Departement van Wetenskap en Tegnologie se toekenning vir Vooraanstaande Vroue in Wetenskap (Lewenswetenskappe) en sy is tot genoot van die Royal Society of South Africa verkies. In 2009 het sy die Bill Venter/Altron-boekprys gedeel met haar mede-outeur, Steven Chown van die Universiteit van Stellenbosch, vir Chown & Nicolson (2004) *Insect physiological ecology: Mechanisms and patterns*.

Sy het reeds meer as 130 artikels in vaktydskrifte en twee boeke gepubliseer. Haar h-indeks is 23 op die ISI Web of Science.

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Prof Nicolson teaches in the Department of Zoology and Entomology in the Faculty of Natural and Agricultural Sciences. She completed the BSc (Honours) degree at the University of Auckland in New Zealand, and received a Commonwealth Scholarship to do the PhD in insect physiology at Cambridge University.

In South Africa she worked in the Zoology Department at the University of Cape Town before moving to UP in 2001.

Prof Nicolson's main research interest is in physiological aspects of pollination biology, specifically nectar and pollen as food for bees and birds. She regards the recent research grant from the UK Insect Pollinators Initiative, funded by the Biotechnology and Biological Sciences Research Council (BBSRC) and others, to work on nutritional regulation in bees, as a highlight of her career.

Prof Nicolson received three awards in 2010. She received the Gold Medal of the Zoological Society of Southern Africa, she was the first runner-up for the Distinguished Woman Scientist in Life Sciences Award of the Department of Science and Technology, and she was elected as Fellow of the Royal Society of South Africa. In 2009 she shared the Bill Venter/Altron Book Award with co-author Steven Chown of Stellenbosch University, for Chown & Nicolson (2004) *Insect physiological ecology: Mechanisms and patterns*.

To date she has published more than 130 journal articles and two books, and has an h-index of 23 on the ISI Web of Science.

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Prof Nicolson ke leloko la Kgoro ya Thutadiphoofolo le Thutadikhunkhwane ka Lefapheng la Thutamahlale a Tlhago le Temo. O feditše tikrii ya gagwe ya BSc (Honase) University of Auckland go la New Zealand a ba a amogela thušo ya mašelang (skolašipi) go yo dira PhD ya gagwe ya ka ga fisiolotši ya dikhunkhwane University of Cambridge.

Ka Afrika-Borwa o šomile go Kgoro ya Thutadiphoofolo University of Cape Town pele ga ge a fetela UP ka 2001.

Dikgahlego tše kgolo tša dinyakišišo tša Prof Nicolson di ka makaleng a fisiolotši ya payolotši ya tulafatšo, kudukudu manopi le modula bjalo ka dijo tša dinose le dinonyana. O tšea thušo ya mašelang yeo a sa tšwago go e hwetša go tšwa go ba UK *Insect Pollinators Initiative* yeo e fiwago mašelang ke khansele ya dinyakišišo ya UK, Khansele ya Dinyakišišo tša Disaense tša Theknolotšiphelo le Payolotši (*Biotechnology and Biological Sciences Research Council: BBSRC*), le ba bangwe, go šoma ka melawana ya phepo dinoseng go ba phihlelelo e kgolo mošomong wa gagwe.

Prof Nicolson o amogetše difoka tše tharo ka 2010. O amogetše medale wa gauta wa Mokgatlo wa Thutadiphoofolo wa Borwa bja Afrika, a tšwa maemo a bobedi go Sefoka sa Mosadi yoo a lkgethilego wa Ramahlale ka Disaenseng tša Bophelo (*Distinguished Woman Scientist in Life Sciences*) sa Kgoro ya Thutamahlale le Theknolotši, gomme o ile a kgethwa go ba mogweramoleloko wa Mokgatlo wa Royal wa Afrika-Borwa (*Royal Society of South Africa*). Ka 2009 o abelane sefoka sa *Bill Venter/Altron Book Award* le mongwadimmogo e lego Steven Chown wa University of Stellenbosch ka puku ya bona ya *Insect physiological ecology: Mechanisms and patterns* (2004).

Go fihla gabjale o phatlaladitše diathikele tša ditšenale tše 133 le dipuku tše pedi gomme o na le h-index ya 23 go ISI *Web of Science*.