



## Prof Nigel Bennett

Prof Bennett is professor in Dierkunde en Entomologie in die Fakulteit Natuur- en Landbouwetenskappe. Hy beklee die SARChI-leerstoel in Soogdiergedragsekologie en -fisiologie. Voorts beklee hy ook die Austin Roberts-leerstoel in Afrika-soogdierkunde aan UP. Sy navorsing is toegespits op ekologie, dierefisiologie en -gedrag, met die Oos-Afrikaanse molrot as sy modelspesie. Hy en sy medewerkers het die ekologiese en fisiologiese faktore ondersoek wat die beheer van voortplanting en die evolusie van sosialiteit raak. In teenstelling met ander navorsers wat samewerkende voortplanting van soogdiere ondersoek, het prof Bennett voortplantingsgedrag vanuit 'n verskeidenheid van perspektiewe nagevors. Die krag van hierdie veelvlakkige benadering is dat dit geleidelik tot 'n geïntegreerde begrip van reprodktiewe suppressie in molrotte op 'n vlak wat nie in enige ander taxa bereik is nie.

Prof Bennett se navorsing word gereken as van die beste ter wêreld wat die sosiale regulering van voortplanting in enige groep soogdiere bestudeer. Hy is twee keer vir sy navorsing bekroon met die Universiteit se Kanseliersmedalje, en het vir die afgelope tien jaar die Toekening vir Uitnemende Akademiese Presteerder ontvang. Hy is 'n genoot van die Zoological Society van Londen en van die Royal Society van Suid-Afrika. Prof Bennett het die goue penning van die Suid-Afrikaanse Dierkundige Vereniging en die Havenga-prys vir uitmuntende bydraes tot die lewenswetenskappe van die Suid-Afrikaanse Akademie vir Wetenskap en Kuns ontvang. In 2008 het die Universiteit van Pretoria hom bekroon met die UP-gedenkpenning vir navorsing as een van die 100 top wetenskaplikes in die Universiteit se eeufeesjaar. Prof Bennet was vir twee jaar President van die Dierkundegemeenskap van Suid-Afrika. Hy is hoofredakteur van die *Journal of Zoology*, Londen, en is 'n voormalige redakteur van die *Proceedings of the Royal Society of London B: Biological Sciences*. In 2013 sal hy dien as hanteringsredakteur vir *Biology Letters*, nog 'n tydskrif van die Royal Society. Prof Bennett het 221 referate in internasionale portuurbeoordeelde vaktyskrifte gepubliseer, was mede-outeur van 'n spesialisboek wat deur Cambridge University Press uitgegee is en het tien hoofstukke in boeke bygedra. Prof Bennett het 'n A-gradering as navorser van die NNS ontvang.

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Prof Bennett is a professor in Zoology and Entomology in the Faculty of Natural and Agricultural Sciences. He occupies the SARChI Chair in the field of mammalian behavioural ecology and physiology; and the Austin Roberts Chair of African Mammalogy at UP. Prof Bennett's research focus is ecology, animal physiology and behaviour, using the African mole rat as his model animal. He and his co-workers have investigated the ecological and physiological factors that affect the control of reproduction and the evolution of sociality. Unlike other researchers investigating cooperative breeding in mammals, Prof Bennett has done so from a variety of perspectives. The strength of this multifaceted approach is that it has led to an integrated understanding of reproductive suppression in mole rats on a level that has not been achieved in any other taxa.

Prof Bennett's research record ranks him among the best researchers worldwide studying social regulation of reproduction in any group of mammals. He has twice been awarded the UP Chancellor's Medal for his research, and has received the Exceptional Academic Achiever Award for the past ten years. He is a fellow of the Zoological Society of London and of the Royal Society of South Africa. Prof Bennett has been the recipient of the gold medal from the Zoological Society of Southern Africa and the Havenga Prize for outstanding contributions to life sciences, awarded by the Academy of Science and Arts of South Africa. In 2008 the University of Pretoria awarded him the UP Commemorative Research Medal for being one of the top 100 scientists in its centenary year celebrations. He has served as president of the Zoological Community of Southern Africa for two years. Prof Bennett is editor-in-chief of the *Journal of Zoology*, London, and a former editor of *Proceedings of the Royal Society of London B: Biological Sciences*. In 2013 he will serve as handling editor at *Biology Letters*, another Royal Society journal. Prof Bennett has published 221 papers in international, peer-reviewed scientific journals, co-authored a specialist book published by Cambridge University Press and has penned ten chapters in books. Prof Bennett is an A-rated NRF researcher.

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Prof Bennett ke moprofesa wa Thutadiphoofolo le Entomolotši ka Lefapheng la Thutamahlale a Temo le Tlhago. Gape ke Modulasetulo wa SARChI dinyakišišo ka lekaleng la ekholotši ya maitshwara a boamuši le fisiolotši; ebile ke modulasetulo wa Austin Roberts ya Boamuši bja Afrika go la UP. Dinyakišišo tša Prof Bennett di lebeletše ekholotši, fisiolotši ya diphoofolo le maitshwara, ka go šomiša legotlo la moule la Afrika bjalo ka mmotlolo wa gagwe wa phoofolo. Yena le bašomimogo ba gagwe ba nyakišišitše mabaka a fisiolotši le a ekholotši ao a mago taolo ya tswalo le ebulušene ya phedišano. Go se swane le dinyakišišo ba bangwe ba go nyakišiša tswadišo ya tšhomišano diphoofolong, Prof Bennett o dirile seo go tšwa mahlakoreng a go fapafapana. Maatla a mokgwa wo wa mahlakore a mantši ke gore a dirile gore go be le kweišišo yeo e kopantšwego ya kgatelelo ya tswalo magotlong a moule mo maemong ao a sa kago a fihlelelwa go theksa (taxa) efe kapa efe.

Rekoto ya Prof Bennett ya dinyakišišo e mmea gare ga dinyakišišo ba ba kaone lefaseng ka bophara bao ba nyakišišago taolo ya phedišano ya tswalo ka gare ga sehlopha sefe kapa sefe sa diamuši. O amogetše Seala sa Mokhanseliri sa UP gabedi bakeng sa dinyakišišo tša gagwe, ebile o amogetše sefoka sa bašomedi bao ba atlegilego go fetiša mengwaga ye lesome ya go feta ka moka. Ke leloko la Mokgatlo wa Thutadiphoofolo wa London le Mokgatlo wa Mošate wa Afrika-Borwa (Royal Society of South Africa). Prof Bennett o ile a amogela seala sa gauta go tšwa go Mokgatlo wa Thutadiphoofolo wa Borwa bja Afrika le Sefoka sa Havenga sa mešomo ya go atlega go fetiša ka go saense ya bophelo, tša go abja ke Akatemi ya Saense le Bokgabo ya Afrika-Borwa. Ka 2008 Yunibesithi ya Pretoria e mo abetše sefoka sa seala sa dinyakišišo sa thompho sa UP bakeng sa go ba yo mongwe wa boramahlale ba 100 ba maemo a godimo mo ngwageng wa yona wa meketeko ya ngwagakgolo. O šomile bjale ka mopresidente wa Sehlopha sa Thutadiphoofolo sa Borwa bja Afrika mengwaga ye mebedi. Prof Bennett ke morulaganyimogolo wa *Journal of Zoology*, London, ebile ke morulaganyi wa maloba wa *Proceedings of the Royal Society of London B: Biological Sciences*. Ka 2013 o tla ba morulaganyi wa taolo wa *Biology Letters*, tšeenale yengwe ya Mokgatlo wa Mošate (Royal Society). Prof Bennett o gatišitše dipampiri tše 221 ka gare ga ditšenale tša saense tše di sekasekilwego ke ba mphato wa gagwe maemong a boditšhabatšhaba, o ngwadile mmogo dipuku tša go ikgetha tšeo di gatišitšwego ke Cambridge University Press gomme o ngwadile dikgalo tše lesome ka gare ga dipuku. Prof Bennett ke dinyakišišo wa maemo a A go tšwa go NRF.