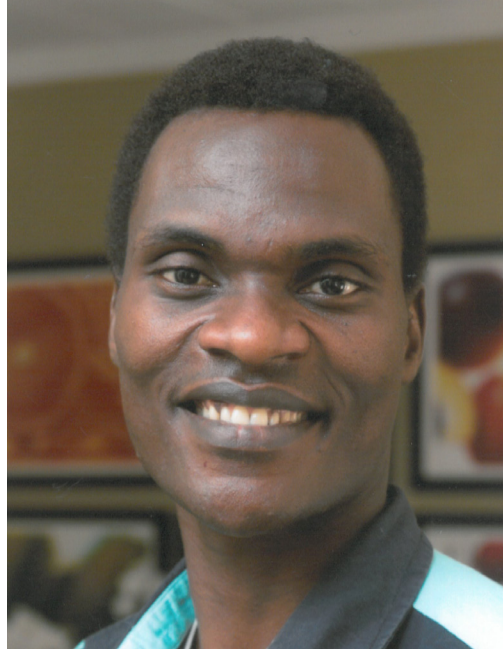


HORTOLOGIE • HORTICULTURAL SCIENCE

NAGRAADS • POSTGRADUATE

PhD

Adegoke Adetoro



Development of value-added products from pomegranate arils and juice.

Anelle Blanckenberg



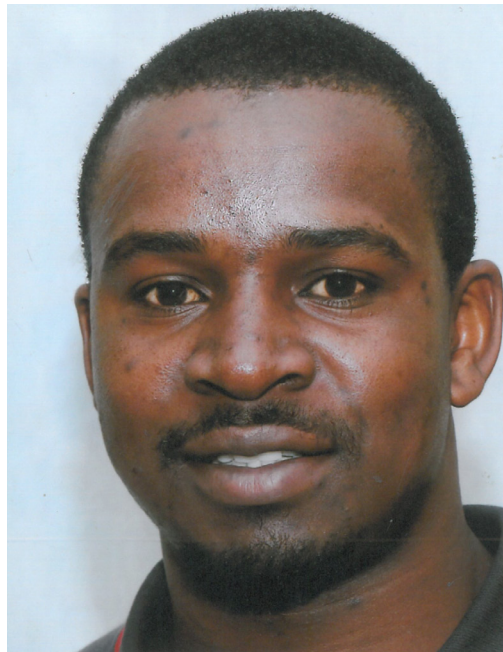
Quantifying postharvest losses of table grapes (Crimson Seedless) and pears (Packham's Triumph) along the supply chain in South Africa.

Anel Botes



Fundamental research into the development of external and internal browning of white seedless table grapes.

Kenias Chigwaya



Fuji browning types explored via X-Ray CT.

Regina Cronje



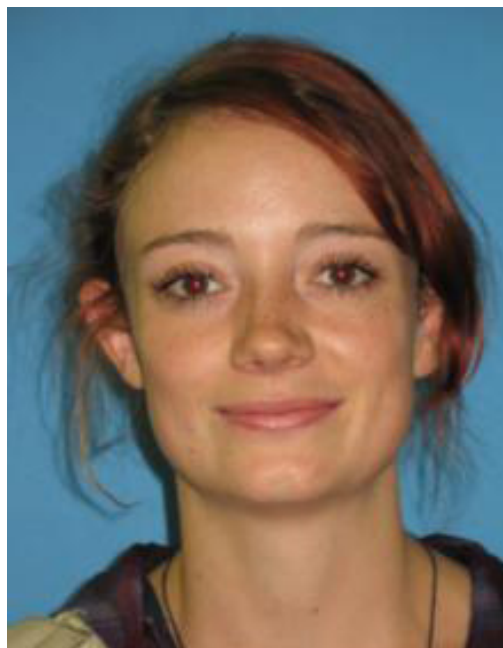
Physiological and molecular studies of flower induction in *Litchi chinensis* Sonn, cv "Mauritius" as affected by the plant growth regulator ethephon and climatic factors.

Tarryn De Beer



Alternative postharvest technologies for maintenance of vegetable quality.

Monja Gerber



Long term storage techniques in the suppression of superficial scald of Granny Smith apples.

Micheline Inamahoro



Physiological dynamics of dormancy in apple buds grown in areas with insufficient cold.

Pippa Karsen



Rooting of honeybush cuttings and functional responses to transplant shock in cultivation.

Tatenda Kawhena



Formulation and application of edible coatings to maintain quality and extend shelf life of whole and minimally processed pomegranate fruit.

Eugenie-Lien Louw



Shoot growth manipulation in *Leucospermum* hybrids for improved profit and marketability.

Edward Lulane



Quantifying the water productivity and water savings of apple orchards under fixed and draped nets.

Brian Makedredza



A study of photothermal damage in Japanese plums (*Prunus salicina* Lindl.).

Lindsay Muchena



Sensitivity of various apple rootstocks to water stress.

Anthony Mwije



A study of the dynamics of sunburn reduction in apple (*Malus domestica*) using foliar applications of boron and calcium.

Simone Pretorius



Improving resilience in dryland and irrigated agriculture under future climates in the winter rainfall region of the Western Cape: lessons from the 2015-2017 drought.

Janene Strydom



Response of table grape cultivars Crimson Seedless and Italia (*Vitis vinifera* L.) to different water regimes and overhead plastic covering: Grape quality from vineyard to shelf.

Neels Volschenk



Impact of vineyard row orientation and deficit irrigation on grapevine physiology, growth and wine quality of *Vitis vinifera* L. cv. Shiraz.

Solomon Zirebwa



Establishing quantitative relationships between water relations yield and quality of high performing commercial apple orchards in the winter rainfall area of South Africa.

Iad Abu-Zurayk



Studying the impact of salinity on growth and development of important tomato and banana cultivars of the Jordan Valley while assessing the efficacy of biostimulants as ameliorants for increased tolerance to salinity.

Andries Bester



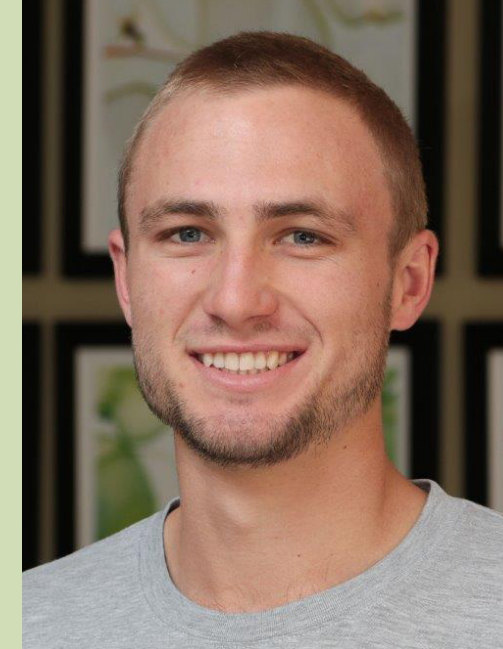
Factors determining the success or failure of graft unions in grapevine.

Cornel Broeksma



Refining decision-making regarding mineral fertilisation requirements to ensure citrus fruit quality.

Dian Craven



Managing lack of winter chilling in apple production.

Rudolph Cronje



Forelle pear meakness influenced by canopy position and the evaluation of colour as pre-sorting technique for meakness.

Ruben Dedekind



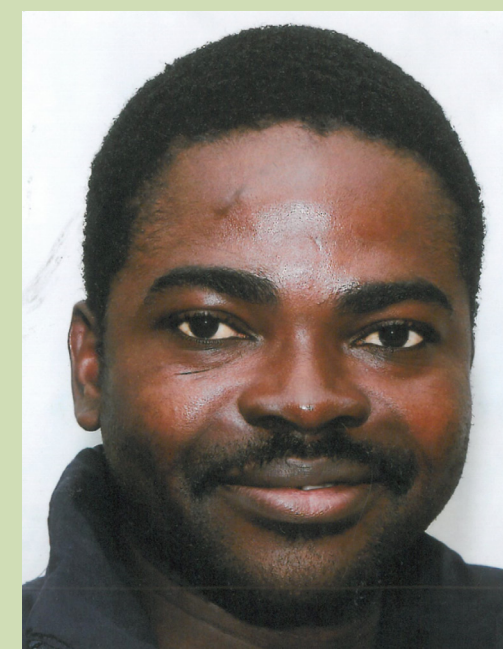
Manipulation to increase bud break and yield of pecan trees.

Liza-Mari Dippenaar



Determining pre-harvest inception stage of meakness in 'Forelle' pear, and exploring induction factors and prevention.

James Doe



Harvest and storage condition plus duration influencing internal browning and fruit quality of "Rosy Glow".

Tharine Du Toit



Dormancy progression, artificial rest breaking and pollination of 'Independence' almonds under South African growing conditions.

Naomi Hattingh



Manipulation of flowering time in Protea 'Artic Ice' by means of pruning and the use of Benzyladenine.

Enzo Jv Rensburg



Investigating tree performance of young non-bearing Kanzi/M9 irrigated by micro jet or drip irrigation during establishment.

Nicola Kirsten



Pre- and postharvest factors influencing the chilling injury susceptibility of lemon fruit.

Neil Krogscheepers



Manipulating flowering time to produce lemon fruit out of season.

Lebo Mokapane



Effects of pretreatments to maintain quality and extend shelf life of pomegranate dried arils.

Braam Mouton



Long term controlled atmosphere storage techniques on 'Granny Smith' apples.

Mzize Nolubabalo



The role of vapour pressure deficit in lenticel breakdown in 'Fuji' apple.

Jade North



Studies on chilling injury of citrus fruit.

Asanele Same



Moisture loss studies in pears.

Arnold Scholtz



New chemical thinning programmes for deciduous fruit.

Annaline Smith



Bract Browning in selected *Protea* cultivars.

Tertius Snyman



Investigating the reproductive potential of pecan trees.

Natalie Steyn



The use of plant growth regulators to improve fruit colour in apples.

Marlie Stofberg



Mineral nutrition of citrus trees in relation to flowering, fruit set and fruit yield.

Marno Van Der Westhuizen



The use of plant growth regulators to reduce apple fruit cracking and improve stem length.

Andrew Van Lingen



Quantifying the impact of insufficient winter chill on apple dormancy and production.

Nasreen Van Rensburg



Vegetative growth control of plum tree under shade netting.

Megan Van Rensburg



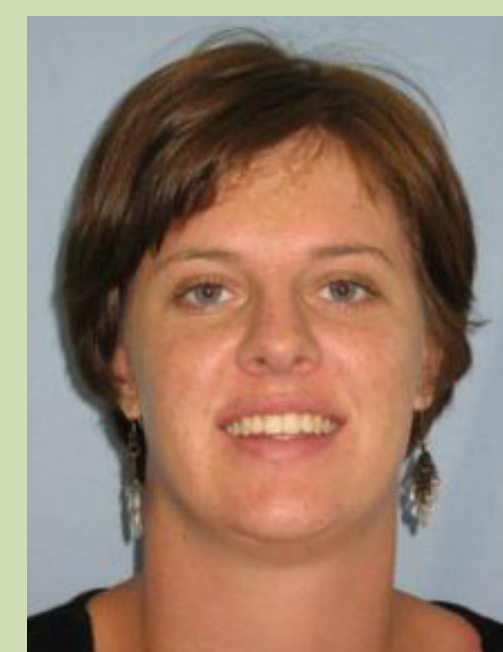
Long term storage of late season avocado cultivars 'Hass' and 'Gem'.

Carel Van Zyl



Fruit set of seedless Valencia's in Limpopo.

Heleen Van Zyl



Postharvest biology of *Leucaedendron* and *Leucospermum* cultivars under cold storage.

Michelle Webber



Evaluating plant performance and nutrient uptake in deciduous fruit after soil fumigation under replant conditions using alternative fumigants and biostimulants.

BScHons

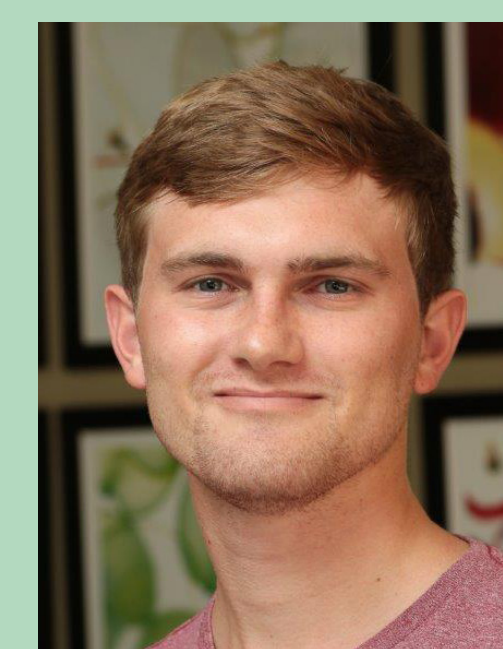
Tsepo Kholoane

Gradual cooling to reduce internal browning in Cripps' Pink apples.



Stephen Jordaan

The effect of applied Ca on uptake and distribution in 'Fuji' apple (*M. domestica*) trees.



Burger Steenkamp

The effect of applied Ca on uptake and distribution in 'Fuji' apple (*M. domestica*) trees.

