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Centre instrumental in discussions on land reform

The Standard Bank Centre for Agribusiness Development and Leadership which is based in the Faculty, was recently instrumental in discussions between the governing party and leading commercial farmers and agribusiness on the controversial subject of land reform in agriculture. Mr Gwede Mantashe, Secretary-General of the ANC and Mr Senzeni Zokwana, Minister of Agriculture, together with relevant deputy ministers and senior government officials, attended the discussions held at the Gordon Institute for Business Science in Sandton.

Mr Mantashe confirmed that the National Development Plan prioritised land transfers. No farm land, however, would be acquired without fair compensation and the current "50% to farm workers" model was not government policy – only a proposal for further discussion.



Some of the delegates at the discussions which took place in Sandton.

Significant land transfers, however, had to be accomplished, but not at the cost of food security and social stability.

The commercial farmers attending offered to propose alternative land reform models, many in which they are already involved, to facilitate the required land ownership transfers, together with mentorship and coaching to ensure a sustainable development path. Agribusiness fully

supported such initiatives. It was agreed that such a dialogue would be regularly organised to track progress.

Professor Mohammad Karaan, SU's Acting Vice-Rector and member of the National Planning Commission, was a prominent participant in the talks and also facilitated an Imbizo, where commercial agriculture prepared for the discussion.

Minister Alan Winde verstewig bande met die Fakulteit Agriwetenskappe



Op die foto verskyt (v.l.n.r): prof Maret du Toit, departementshoof Wingerd- en Wynkunde, dr Gunnar Sigge, departementshoof Voedselwetenskappe, dr Willem de Clercq, senior navorser, Departement Grondkunde. Voor: v.l.n.r: dr Michael-John Freeborough, Fakulteitsbestuurder, prof Kennedy Dzama, departementshoof Veekundige Wetenskappe, minister Alan Winde en prof Danie Brink.

Die Weskaapse Minister van Ekonomiese Geleenthede, mnr Alan Winde, het die Universiteit op uitnodiging van die Fakulteit AgriWetenskappe besoek.

Winde is verantwoordelik vir die provinsiale departemente van Landbou, Ekonomiese Ontwikkeling en Toerisme en was voorheen minister in beheer van finansies en ekonomiese ontwikkelingsaangeleenthede en toerisme – hy beklee nou ook die landbouportefeuilje.

Prof Danie Brink, waarnemende dekaan van die Fakulteit AgriWetenskappe, het die hoop uitgespreek dat 'n grondslag gelê is vir voortgesette goeie werksverhoudinge tussen die Fakulteit en die Minister. Hy het 'n voorlegging

aan die Minister gedoen wat aan hom 'n oorsig gebied het oor die fakulteit se opleidings- en navorsingskapasiteit, en belangrikste fokusareas. Winde het op sy beurt uitgebrei oor hoe hy geïntegreerde ekonomiese ontwikkeling in die Weskaap wil bewerkstellig, en die belangrikheid van kundigheid, vennootskappe en innovasie. Hy het ook die navorsingsfasilitete van die Departement Wingerd- en Wynkunde en die Departement Voedselwetenskappe besoek.

Brink hoop dat hierdie eerste ontmoeting met Winde beter belyning van kundigheid tot voordeel van die landbousektor en ekonomiese ontwikkeling in die Weskaap kan meebring.

KALENDER 2014

6 – 14 September:
Universiteit Reses

15 September:
Klasse vir 4de Kwartaal begin

24 September:
Openbare Vakansiedag

30 September:
Laaste dag van betaling tov Onderrig-, losiese- en ander gelde

24 Oktober:
Klasse eindding vir 2014

20 November:
Fakulteit Agriwetenskappe se Gholfdag

26 – 30 Junie 2017
Internasionale konferensie van die Wêreldvereniging vir Akwakultuur (WAS)

Want not, waste not...

If all goes according to plan, methane gas and quality compost will soon be produced from the leftover food from Matie residents and culled fruit from the Welgevallen Experimental orchards. This is because of an experimental biodigester that is being installed near the cow parlour of the University's experimental farm.

A biodigester is one of many ways in which to manage large volumes of organic waste – be it food, waste products from processing, manure or green waste. It's essentially an oxygen-free tank in which different biodegradable materials are broken down with the help of various micro-organisms. In the process, the waste is turned into solid organic waste and methane gas, which can be harvested for further use.

"It is much smaller in size than the ones that are used commercially, and will be used for training and research purposes," explains Dr Elmi Lötze of the Department of Horticultural Science. She added: "It's general knowledge that cow dung can be converted with a biodigester into a usable energy source such as methane gas, and the recipe for this already exists."

Namibian student Sakeus Kafula will tackle this problem as part of his MSc studies in Sustainable Agriculture. As part of the integrated learning process of the Faculty's new Master's degree programme, postgraduate students have to put sustainability ideas into practice to solve specific farming or food manufacturing problems.

This green initiative is supported by the Dean's Office of the Faculty in an effort to manage the Welgevallen Experimental Farm in a more environmentally friendly way.



Jakkie Stander sluit aan by Hortologie

Jakkie Stander (foto) het hom vroeër vanjaar by die Departement Hortologie aangesluit as voor-oes navorser en lektor in sitrusverbouing. Hy is deur Citrus Research International (CRI) gesekeondeer waar hy as navorser in die hortologie portefeuille van CRI se navorsingsafdeling aangestel is. Sy verpligteginge by die



Departement Hortologie sal onder meer die aanbieding van die derdejaar sitruskursus insluit, asook die verleen van bystand aan nagraadse studente in sitrus.

Stander kom oorspronklik van George en het aan die Hoërskool Outeniqua ge-matrikuleer waarna hy sy BScAgric (Hortologie en Entomologie) aan die US verwerf het. Na voltooiing van sy MSc in Hortologie op die effek van die sintetiese ouksien 2,4-D op sitrus vrugsplit onder leiding van dr Paul Cronje en prof Karen Theron, was hy 'n voor-oes tegniese adviseur by Goede Hoop Sitrus (Edms) Bpk op Citrusdal.

Hy sal sy navorsing in noue samewerking met sy kollega, dr Paul Cronje, ook 'n CRI na-oes navorser in sitrus wat in die departement gebaseer is, doen en sal fokus op vrugmanipulasie, verbetering van sitrusblom en die uitskakeling van alternerende drag deur die gebruik van plantgroeireguleerders in sitrus.

Etienne Rabe voorsitter van die California Research Citrus Board

Dr Etienne Rabe (foto), wat onlangs tot voorsitter van die California Citrus Research Board (CRB) verkies is, is nie net 'n alumnus nie, maar was ook 'n navorser, lektor en voorsitter van die Departement Hortologie aan die Universiteit van Stellenbosch. Die CRB is in 1968 gestig en is 'n produsent-befondsde organisasie wat verantwoordelik is vir navorsing tot voordeel van die Kaliforniese sitrusbedryf van 110 000 ha en 'n gemiddelde waarde van \$600 miljoen per jaar.



Double Nelson for ConsEcol Facebook page

The Facebook page where alumni of the Department of Conservation Ecology and Entomology get to network has scored a Double Nelson by reaching 222 members at the end of July.

Not bad for a very exclusive, closed group. If you didn't graduate with a BSc in Conservation Ecology, you simply do not get accepted into its inner sanctum. That means that all membership requests are first carefully scrutinized by page administrator and conservation ecology lecturer Prof Karen Esler.

"The page was set up as a way of connecting with our past students, and to gain an understanding of which graduate attributes are needed for the conservation workplace," says Esler.

She has since seen how the interactions via social media have helped to fill many a job being advertised, or has provided an answer to research and management questions being posed.

If you've finished your degree in conservation ecology and have not yet joined the group, do so by visiting <https://www.facebook.com/groups/288798764550277/>

Honeybees deliver cost-free service to farmers

The honeybee is a major pollinator of onions and for onion seed farmers in the Little Karoo this means cost-free service.

A doctoral study by Dr Mariëtte Brand in the Department of Conservation Ecology has shown that honeybees in hives play a vital role in the production of onion hybrid seeds as they convey pollen from male to female plants. Brand says there's a direct link between seed yield, the number of honeybee visits and the cultivation of more male plants.



"Pollination services provided by wild honeybees can reduce the input costs of seed production by lowering the demand for rented hives. Pollination by bees can protect seed farmers in the Little Karoo from major losses. Two years ago farmers suffered crop losses when honeybees failed to pollinate onion plants during the blooming season."

Brand's study also showed that the number of honeybees in onion fields is generally determined by good and timely rainfall which allows local wild flowers to flourish and subsequently provides sufficient nectar and pollen for bee colonies to multiply.



Dr Mariëtte Brand

Dr Etienne, of Prof Etienne vir al sy oud-studente, is 'n internasionaal erkende leier in navorsing en tegnologie in alle aspekte wat betrekking het op verbetering en verhoging van sitrus-vrugkwaliteit. In SA het hy 'n groot rol gespeel in die ontwikkeling van strategieë om vrugladings te manipuleer, asook die omskakeling van konvensionele bemestings- en besproeiings.

Gedurende die jare 90 het Suid-Afrikaanse sitrusprodusente begin om op grootskaal sagte sitrusboorde te vestig. Rabe het huis hier 'n leidende rol gespeel in die navorsing op, en ontwikkeling van bestuurspraktyle vir optimum produksie en winsgewendheid van hierdie kultivars. Dié bydrae was van kardinale belang om dié vertakking van die sitrusbedryf op 'n vaste wetenskaplike grondslag te vestig.

Etienne Rabe is 'n ware ambassadeur vir die Departement Hortologie en dien as bewys dat met die hoë vlak van opleiding en blootstelling wat in Suid-Afrika beskikbaar is, 'n persoon wel op die internationale verhoog kan presteer.

• boeke • books • boeke • books • boeke • books •

New book shares know-how about fynbos region

First there was a book on how to sustainably manage Karoo veld. And now its "twin," *Fynbos - Ecology and Management*, will be available in book stores by the end of August.

The driver behind both projects is Prof Karen Esler of the Department of Conservation Ecology and Entomology. She sees both publications as a service by which reams of research are made accessible to landowners and farmers, to help them sustainably manage their properties that lie within the boundaries of spectacular natural diversity.

"By providing people with the best management ideas, we are able to achieve better conservation results within transformed landscapes," she believes.

Esler edited *Karoo Veld - Ecology and Management* along with Prof Sue Milton and Dr Richard Dean. Since being published in 2006, 5 500 copies have been sold, and it is in its second print run.

The new fynbos book is also expected to become the "go to" source for landowners and farmers wanting to sustainably use and conserve their properties situated in species rich Cape Floristic Region. Funding for the book was received from the Table Mountain Fund. The idea for the publication



Prof Karen Esler

came about at a Fynbos Forum meeting in the mid 2000s.

It is a palatable read that draws on the practical knowledge of experts and translates the science around many issues into guidelines and workable solutions: from the management of fire and invasive plants, insects and other animals to land restoration and working in a fynbos wetland area. Topics such as the stocking of game and farming with livestock within the fynbos veld are covered, as are aspects about how to manage wetland areas and fragmented natural areas of fynbos found in between agricultural land. A whole section is also given to various ways of earning a living from fynbos veld.

Esler edited the book along with plant ecologist and science communication consultant Shirley Pierce and environmental consultant Charl de Villiers. More than 30 local and international experts contributed to it. The Afrikaans version was translated by retired Stellenbosch University academic Dr Piet Vorster. The books are published by Briza Publications, and will be available in local bookstores by the end of August. For more information, visit www.briza.co.za. English copy ISBN: 978-1-920217-37-2; Afrikaans version ISBN 978-1-920217-36-5.

New strategic direction for the IGWS



Gerard Martin
(Executive Manager:
Winetech)

A new era has dawned for the Institute of Grape and Wine Science (IGWS), a joint venture between Stellenbosch University and the South African wine industry, in which a new strategic direction beckons.

Gerard Martin (Executive Manager: Winetech) has been seconded by Winetech to act as the director of the IGWS. His main responsibility will be to manage the resources and outputs of the Institute in a manner that allows for the achievement of its vision and mission.

The IGWS, established in 2012, to deliver world-class teaching, research and technology development, is responsible for knowledge transfer services to

the South African wine industry and to ensure that research and development in wine sciences is relevant and of high standards.

To this end, a strategic initiative was conducted to align current activities with the envisaged future of the Department of Viticulture and Oenology (DVO). The Viticulture, Oenology, Chemistry and Sensory Evaluation hubs of the DVO at Stellenbosch University have come together to establish what is needed to best address the training and research requirements for industry partners.

One of the immediate needs identified is to increase human resources. Four staff members were recently employed

or have had their contracts renewed under the IGWS umbrella.

Valeria Panzeri (MScAgric in Oenology) assists the fast-growing sensory sector, Anne Alessandri (HonsBScAgric in Viticulture) continues as the liaison officer for the six month internship programme for the fourth year students, while Anneli Bosman has been re-appointed as a junior lecturer in Viticulture. Stevie Krynauw, an IT project co-ordinator, will specialise in developing a knowledge sharing and information management platform.

* A comprehensive report on the IGWS will appear in the next Agri-Sience Newsletter.



SU signs MOU with University of Foggia

Standing close by an olive tree in the vicinity of Stellenbosch are (from left to right): Drs Antonia Carlucci, Lizel Mostert and Francois Halleen and Ms Providence Moyo, a PhD student.

Stellenbosch University (SU) and the University of Foggia in Italy have signed a memorandum of understanding (MOU) to enable joint research and exchange on fruit tree trunk diseases with specific reference to olive tree trunk diseases. Dr Antonia Carlucci of the University of Foggia recently visited Dr Lizel Mostert of the Department of Plant Pathology in the Faculty of AgriSciences for a fortnight. During this time the details of the MOU were determined and several olive farms were visited to take samples of dieback symptoms. The research will be done in collaboration with Dr Francois Halleen of the Agricultural Research Council Infruitec-Nietvoorbij.

Platter se Suid Afrikaanse Wyngids help Chenin blanc wynnavoring en die verbruiker

Suid-Afrikaanse Chenin blanc wyn is bekend vir sy opwindende diversiteit in styl. Om 'n beter begrip van dié diversiteit te verkry en ook om riglyne aan die bedryf te verskaf vir toekomstige stylontwikkeling in hierdie genre, is heelwat navorsing op die sensoriese eienskappe en chemiese samestelling van Chenin blanc wyn die afgelope paar jaar reeds by die Instituut vir Wynbiotegnologie en Departement Wingerd-en Wynkunde (IWBT-DWW) gedoen.

Die IWBT-DWW stel veral belang om die beskrywende sensoriese eienskappe van hierdie veelsydige kategorie vas te pen, asook om die korrelasies tussen wynaferingstegnieke aan die eenkant en aroma- en mondgevoelkomponente aan die anderkant te ondersoek.

Om die sensoriese databasis uit te brei, is daar in 2014 'n nuwe, oorspronklike benadering begin volg deur al die sensoriese beskrywings van Chenin blanc wyne wat vanaf 2008 tot 2014 in die Suid Afrikaanse Platter Gids verskyn het, elektronies by eie data te voeg. Ontgunning (data mining) van die Platter-inligting maak dit vir die eerste keer ook moontlik om 'n groot hoeveelheid inligting tegelykertyd te ontgin, om dié terme wat style kenmerk, te identifiseer, asook om tendense oor 'n tydperk waar te neem en te ondersoek.

Die span wat hierop fokus, is dr Hélène



Tydens 'n beplanningssesie rondom die gebruik van die Platter data, v.l.n.r.: dr Hélène Nieuwoudt (Navorsing, IWBT-DWW, US), me Ina Smith (Bestuurder, CBA), mnr Carlo Valente (MSc-student, IWBT, US) en mnr Philip van Zyl (Redakteur, Platter Gids).

Nieuwoudt (navorsing in die IWBT-DWW), mnr Carlo Valente, 'n nuwe MSc-student in Wynbiotegnologie, prof Martin Kidd van die US se Statistiese Konsultasiesentrum, prof Dominique Valentin van AgroSup in Dijon in Frankryk, wat 'n sielkundige en deskundige is in verbruikers se sensoriese persepsies van wyn en kos, asook prof Florian Bauer, hoogleraar in Wynbiotegnologie aan die IWBT-DWW. Aan die bedryfskant is daar noue samewerking met mnr Philip van Zyl, redakteur van die Platter Gids en me Ina Smith, bestuurder van die Chenin Blanc Assosiasie (CBA) van Suid Afrika.



Marisa Nell decorked the maiden vintage of the Welgevallen MCC.



Riaan Wassüng during the wine tasting of Die Laan wines.



Edmund Lakey at the sizzling potjiekos.

Post-harvest Festival at DVO-IWBT

The annual Post-harvest Festival of the DVO and IWBT again proved to be an event that will long be remembered. Staff and students turned up in numbers and the festivities were officially opened by Prof Florian Bauer, one of the management members, at the Welgevallen cellar. He made special mention of the vineyard and cellar staff for their hard work during the past harvest season.

The maiden vintage of the Welgevallen MCC was decorked and tasted, whereafter Welgevallen winemaker, Riaan Wassüng, did a tasting with nine of his Die Laan wines, ranging from white to red and ending off with his amazing Cape vintage. This proved to be the highlight of the day, but not the end of the festivities. Staff and students had the opportunity to also socialize over a glass or two of Die Laan wines and some delicious potjiekos.

The Welgevallen cellar is open from Mondays to Fridays from 08:00 – 15:30 for wine tastings and sales.

A close up view on the world of sharks

Amazing new discoveries concerning the study of sharks were brought to the fore during the recent Sharks International Conference in Durban hosted by the KwaZulu-Natal Sharks Board and attended by close on 300 delegates from 38 countries. This conference has only been staged once before.

Stellenbosch University's (SU) Faculty of Agriculture was represented by Dr Aletta van der Merwe of the Molecular Breeding and Biodiversity Group in the Department of Genetics and four of her postgraduate students, Daphne Bitalo (PhDAGric) and Simo Maduna, Charné Rossouw and Gibbs Kuguru (MSc students).

Topics for conference sessions

for the four-day duration included acoustic telemetry, physiology, genetics, fisheries and population ecology to name only a few. The mid-conference tour with the largest number of participants was the Aliwal shoal scuba diving outing. The scope of networking and collaborations established during the conference was nothing short of amazing and taken that southern Africa has one of the richest shark biodiversity hotspots in the world, there is no doubt that this is one of the most fascinating and to a large extent unexplored faunas of our coast.

Highlights of the conference included a visit to the KwaZulu-Natal Sharks Board, a sharkfin identification workshop and, of course, meet-



ing Dr Leonard Compagno, the world's foremost expert on sharks and author of more than 100 publications and books on sharks. Following the conference, two of the Maties students, Simo Maduna and Charné Rossouw, also joined the Department of Agriculture, Forestry and Fisheries (DAFF) on one of its offshore voyages to amongst other

things physically tag sharks.

The shark genetics group focuses its research on assessing genetic connectivity and population structure of commercially important shark species such as common smoothhound (*Mustelus mustelus*), soupfin shark (*Galeorhinus galeus*), copper sharks (*Carcharhinus brachyurus*) and smooth hammerheads (*Sphyrna zygaena*).

Wêreld se akwakultuurkenners na SA

Dis nou reeds skouer aan die wiel vir die organiseerders van die 2017 Internasionale konferensie van die Wêreldvereniging vir Akwakultuur (WAS) wat oor vyf dae in Kaapstad gehou sal word.

Dit sal die eerste keer was dat hierdie uitgelese byeenkoms van bedryfskenners in Afrika gehou word, vertel Henk Stander (foto) van die Fakulteit se Divisie Akwakultuur.

Hy is onlangs deur die uitvoerende komitee van die Akwakultuur Assosiasie van Suidelike Afrika (AASA) as lid van die plaaslike reëlings komitee vir dié wêreldbyeenkoms aangewys.

Stander hoop dat die ondervinding wat hy reeds met die organisasie van verskeie AASA-kongresse opgedoen het - onder meer verlede jaar s'n aan die US - hom goed te staan sal kom. Hy dien onder meer al etlike jare as ondervoorsitter en sekretaris van die Wes-Kaap se Assosiasie vir Forelprodusente.

Stander sê die nodige kontrakte is onlangs in Australië onderteken om nagenoeg 4000 afgevaardigdes van 26 tot 30 Junie 2017 na die Kaapse Internasionale Konferensiesentrum (Kiks) te bring.



Attending the congress were Ms Cynthia Mseleni (Kayamandi High School, Stellenbosch), Ms Salmon and Ms Nela (Hector Peterson Memorial High School, Kraaifontein), Mr John Muller (Skurweberg Secondary School, Ceres), Ms Frans (ImiZamo Yethu Secondary, George) and Ms Alice Mangola (Inkwenkwezi Secondary School, Du Noon).

Faculty helps Agriculture teachers attend ASAAE congress in Nelspruit

More than half of the Western Cape's agricultural 26 high school science teachers were recently afforded the opportunity to attend their professional association's annual congress in Nelspruit – the Faculty of AgriSciences and Kaap Agri lent a helping hand by sponsoring their airfare.

The teachers from the Cape Metropole, Ceres and George, along with 300 educators from across the country, attended the congress of the Association for SA Agriculture Educators (ASAAE) where one of the main discussion points centred on ways to best present agricultural science training at schools.

For most of the teachers paying their own air tickets was a bridge too far; however, upon learning of the problem Kaap Agri offered to act as sponsor for the airfare, thanks to an initiative of the Faculty of AgriSciences to seek funding partnerships.

Said Monika Basson, AgriSciences' Manager: Strategic Projects and Recruitment: "Our teachers are an important link to motivate learners to consider agriculture-oriented studies. Motivated and informed teachers mean motivated and informed students who are so important for an industry where expertise plays an important role in ensuring food security in our country."

Kaap Agri has supported student recruitment activities at SU and the Cape Peninsula University of Technology since 2009. This includes bursaries for students from previously disadvantaged communities.

For the past three years, the Faculty of AgriScience has offered curriculum-based training to Western Cape Agriscience teachers during the June holidays.

Monika Basson at mh@sun.ac.za or 021 808 2978 has more info.

Vyf van Fakulteit neem deel aan IFAMA-gevallestudiekompetisie



US se Gevallestudiespan: (v.l.n.r.): Johann Boonzaaijer, Lindelani Makhuva, Phineas Shiba, Nina Goosen, en Stuart Knott en voor Prof Nick Kotze.

Vyf nagraadse studente in Landbou-economie (Stuart Knott, Lindelani Makhuva, Nina Goosen, Phineas Shiba en Johann Boonzaaijer) het onlangs saam met studente van regoor die wêreld aan die 9de IFAMA-gevallestudiekompetisie in Kaapstad deelgeneem.

Vyf spanne uit Suid-Afrika en 14 van universiteite in onder meer die VSA, Kanada, Meksiko, Nieu-Seeland en Nederland het meegegeding.

Die spanne moes 'n 'tipiese wêrelaprobleem' in die vorm van 'n gevallestudie oplos – dit het gegaan oor 'n Keniaanse landboumaatskappy se probleme met uitbreiding en ondersoek na beleggingsgeleenthede. Elke span is vier uur gegun om die probleem te analiseer, 'n oplossing te formuleer en om 'n aanbieding saam te stel. Hoewel die Maties besonder goed gevaaar het, het net vier spanne na die finale ronde deurgedring waar die Universiteit van Purdue as wenner gekroon is.

Veekundige Wetenskappe presteer by kongres

Die Departement Veekundige Wetenskappe het onlangs puik prestasies op die 47ste jaarlikse kongres van die Suid-Afrikaanse Vereniging vir Veekunde in Pretoria gelewer. Die kongres is deur onderskeidelik prof Christiaan Cruywagen, dr Helet Lambrechts, Elsie Pieterse en Emiliano Raffrenato en 15 studente, bygewoon. Hulle het altesaam 15 kongreslesings en 17 plakkate aangebied. Ninja Boshoff, 'n pas afgestudeerde MScAgric-student, se plakkaat is gekies as een van die beste nege wat deur nagraadse studente ingedien is en is op die kongres tydens 'n ampelike plakkaatsessie aangebied. Nicole Teuchert, ook 'n pas afgestudeerde MScAgric student, se plakkaat is aangewys as algehele beste op die kongres (kyk berig en foto op bl. 6). 'n Eerste vir die kongres was die aanbied van 'n studentevasvrakompetisie. Die Departement se twee spanne het naelskraap, met net een punt verskil, die tweede en derde plekke ingepalm.

Akademie-prys vir navorsing oor melkkoeivoeding

Die beste MSc-verhandeling in Veelekundige Wetenskappe wat landswyd deur 'n universiteitstudent gelewer is, het aan cum laude-student Lobke Steyn die Junior Kaptein Scott-medalje van die SA Akademie vir Wetenskap en Kuns



Lobke Steyn

in die sak gebring. In haar tesis met die titel: *Supplementation of a high fibre concentrate to Jersey cows on pasture* het dié oud-leerder van Hoërskool Vredenburg gekyk na alternatiewe veselryke voere wat veral in die winter as byvoeding vir Jerseykoeie gegee kan word. Die meeste van haar navorsing het sy op die Oute-nikwa-navorsingstasie van die Weskaapse Departement Landbou op George gedoen. Lobke is nou besig met navorsingswerk vir haar PhD in Veelekundige Wetenskappe.



Dr Debra Rossouw

NRF fellowship awarded to Debra Rossouw

Dr Debra Rossouw of the IWBT has been awarded an NRF research career advancement fellowship (RCA) to conduct research for a period of five years. She obtained her PhD in Wine Biotechnology in 2009 for her work on the systems biology and metabolic regulation of wine yeast strains. Debra's work thus far has resulted in 12 well-cited publications. RCA fellowships aim to help researchers strengthen their research track record in their chosen field and to transform the demographic profile of academics at higher education institutions, with respect to age, race, gender and persons with disabilities.

Solomon Mahlangu-beurse vir Chante en Attie

Die sleutel tot 'n beter toekoms – dit is wat die Solomon Mahlangu-beursfonds vir Chante Clarke, 'n vissermansdogter van Vredenburg en Athi Belem, een van 'n gesin van sewe van Kayamandi op Stellenbosch, beteken.

Hulle is twee van 17 US-studente wat voordeel trek uit 'n skenking van bykans R1,5 miljoen deur die Solomon Mahlangu-beursfonds – 'n inisiatief van die Nasionale

Jeugontwikkelingsagentskap (NYDA).

Chante studeer BSc(Voedselwetenskap) en is 'n eerstejaar. Sy kom uit 'n gesin van vyf – die eerste van hulle om te matrikuleer – en is vasbeslote om 'n sukses van haar studies te maak. Sy sê sy het altyd geweet sy wou verder studeer, maar die harde werklikheid was egter dat haar gesin dit nie kon bekostig nie.

Athi Belem, wat 'n BScAgric-student in sy eerstejaar is, het ook sy dank uitgespreek vir die geleentheid om sy droom om 'n wetenskaplike te word te kan uitleef. In Belem se gesin van sewe is daar net 'n ouer suster wat die enigste broodwinner is.

Die beursfonds is vernoem na Solomon Kalushi Mahlangu, 'n lid van Umkhonto we Sizwe wat in 1979 op ouderdom 23 onder apartheidswette tereggestel is. Dit bied geldelike ondersteuning aan jongmense wat aanvaar is vir heetydse studie in kursusse wat binne die prioriteit-groeisektore en areas van kritieke en skaars vaardighede val – soos in die arbeidsmarkbeplanningsraamwerke van die land uiteengesit.



Chante Clarke, Innocentia Mphago, Linda Dlova, prof Russel Botman, Athi Belem en prof Danie Brink, Waarnemende Dekaan van die US se Fakulteit AgriWetenskappe.

Terra Vino stoet verkoop top genetika op veiling

Die stoet van die Universiteit van Stellenbosch (US) het onlangs tydens die jaarlike ramveiling op die Elsenburg-proefplaas van die Weskaapse Departement van Landbou aan produsente die geleentheid gebied om van die top genetika van dié stoet te bekom. Van die 57 Dohne merinoramme wat te koop aangebied is, is 55 van die hand gesit. Twee ramme het onderskeidelik die hoogste prys van R29 000 behaal. Die gemiddelde prys wat vir 'n ram op die veiling behaal is, was R9 582.00. Die veiling is deur BKB Beperk aangebied.



Willem Daniels (hanteerde, Universiteit van Stellenbosch), John Morris (kusdebestuurder-Terra Vino Stoet, Universiteit van Stellenbosch), Appie Maritz (Stoetvee afslaer, BKB Beperk-Paarl) en Peter Delpert (koper van een van die top ramme, GAF Boerdery BK-Caledon).

Nicole bags first AFMA prize for best poster



Mr DE Wet Boshoff, chairperson of AFMA, hands Nicole her cash prize.

Nicole Teuchert of the Faculty's Department of Animal Science is the recipient of the first Association of Animal Feed Manufacturers (AFMA) cash prize incentive for students in animal nutrition to present quality research of scientific and industry relevance.

This initiative was launched recently at the 47th SA Society for Animal Science (SASAS) Congress held in Pretoria. The student research posters were evaluated by a panel of judges from the AFMA Technical Committee and specific emphasis was focussed on the scientific expression and general presentation of the research, as well as the relevance of the science principles to industry matters. Nicole's poster was titled "Comparison of production parameters, organ weights, and bone strength of broilers supplemented with Ateli plus." It is envisaged that this initiative will be continued at future SASAS congresses in an effort to strengthen the relationship between industry and academia.



Helen Marais en Ballie Wahl tydens die oorhandiging van die Ballie Wahl-toekenning aan Helen Marais.

Helen first recipient of the Ballie Wahl Award

Helen Marais, a fourth year student in AgriSciences' Department of Horticultural Science, is the first recipient of the Ballie Wahl Merit Award. This award will in future be presented annually to the best third year student in the Citriculture course in the Department of Horticultural Science. Its aim is to reward excellence, as well as encourage further studies in citrus. Ballie Wahl – he obtained his BScAgric degree at SU in 1966 – is a well-known name in the SA, as well as the international citrus industry. Wahl's technical knowledge and his ability to integrate different and complex aspects relating to citrus production have contributed to him becoming a household name in the corridors of the global citrus environment.