



WESTERN AUSTRALIAN
COLLEGE of AGRICULTURE
Denmark



College Overview

Our College

WA College of Agriculture - Denmark is a 560 hectare working farm and educational facility for Year 10, 11 and 12 students offering a wide variety of studies and industry training with an agricultural focus. We attract students from all over the state from a wide variety of backgrounds and have a capacity of around 140 students. While the majority of our students board in the College's 95-bed residential facility, there are a number of day students, and a bus service is provided to and from Albany. Our prime location is both a strength and motivation for us to continue to deliver outstanding outcomes for our students and develop strong partnerships with the community to ensure our long-term future.

One of five WA Colleges of Agriculture, Denmark is considered a leading light in the achievement of educational and training outcomes for young men and women in a diverse range of agricultural and related fields. We deliver Australian Curriculum courses to Year 10 students and WACE courses to Year 11 and 12 students. As a Registered Training Organisation (RTO), we deliver Certificate I-III level qualifications in a wide range of industry areas including Agriculture, Automotive, Conservation and Land Management, Engineering, Equine, Forestry and Horticulture.

We are renowned for our outstanding Vocational Training and Education (VET) outcomes, as well as having an excellent reputation for our academic program with approximately one third of our students on an ATAR pathway. In addition to our academic program, all students at the College spend at least one day a week undertaking workplace learning on the College farm where, under the supervision of our Agricultural Training Officers, they work toward the completion of a Certificate II or III in Agriculture. By completing their education and workplace training on a farm, which strives to achieve industry best practice, our students are prepared for a smooth transition into the world of work

The College, residence and farm all work together to ensure that, along with learning and achievement, student safety and care is of paramount importance. We provide a home away from home for many of our students and we take on the responsibility of training young people in the 'real world' environment of a commercial farm with all of its inherent risks. We foster a young adult learning environment and require, from all of our students, a commitment to behave in a way that helps to ensure their own safety as well as others.



Our Vision

WACoA Denmark educates the rising stars of the agriculture sector in an educational specialist school that the industry values, protects and nurtures.

College Mission

Within an agricultural context our mission is to develop in students the skills, knowledge and attitudes to reach their full potential and contribute positively to society.

Our Purpose

Is to ensure that all members of the College community promote the values of learning, excellence, equity and care and that all students develop the knowledge, skills and confidence to achieve their individual potential and contribute to society.

We will provide opportunities for students to develop knowledge, skills, values and understandings within the context of rural industries and provide them with opportunities to achieve nationally recognised vocational qualifications and secondary graduation. All of our students will be provided with assistance to access employment or further education.

The College Values

Participation – in all aspects of College life and contribution to the community.

Responsibility – trusted to undertake tasks and being accountable for own actions.

Cooperation – supporting and respecting each other.

Care – having self-worth and consideration for others.

Excellence – having pride in achievements; striving to do one's best.

Excellence and innovation in agricultural education

From the Principal

In the opening to last year's Principal's Report I suggested that the 2018 graduating class was arguably the strongest achieving group in the College's history. Twelve months later and I find myself saying the same thing about the 2019 graduating class – but perhaps with even more confidence. Certainly in regard to academic achievement the 2019 graduating class excelled, enabling the College to achieve key targets in our business plan that have eluded us for several years. Normally we don't like continually repeating ourselves, but I'd be quite happy to find myself saying the same thing about the 2020 graduating class!

Of course, we don't measure the success of our school solely on student achievement; student safety, health and wellbeing is always paramount. And I am very pleased to say that something else I referred to in last year's Principal's Report, which I *don't* have to repeat this year, was some concerns around student safety in our dormitories. Denmark Ag. has for many, many years been a school of choice for parents and students precisely because of its reputation for student care and safety, so it was disappointing, to say the least, to discover midway through 2018 that some of our students didn't feel as safe in their dorms as they should've – and as we, up until then, thought they were. Right from the very start of 2019 we – staff and students – were all very determined to reset and make sure we provided the sort of safe and supportive residential environment we've been renowned for.

The College continued to set new benchmarks with its student enrolments, commencing 2019 with 142 students. Of those, 91 were Residential students and 51 were Day-attending students. The College now sees itself as having a capacity of around 140 - 145 students and given that it seems unlikely the College will be able to increase the number of residential places it has available in the near future we will rely heavily on Day students attending from Albany and Denmark to maintain those numbers. One of the main reasons behind our plans to upgrade the College Gymnasium is to provide more suitable – and sizeable – changerooms for our increasing number of Day students.

Table 1: Student Enrolment Numbers

Year Group	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Year 10	27	20	17	33	40	35	35	37	38	39
Year 11	29	42	43	20	50	49	50	48	56	52
Year 12	34	27	32	41	25	46	41	45	44	51
Total	90	89	92	94	115	130	126	130	138	142

Table 2: Residential and Day student Numbers

Type	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Residential	71	77	71	74	84	92	87	94	95	91
Day	19	18	21	20	31	38	39	36	43	51
Total	90	95	92	94	115	130	126	130	138	142

Table 3: Student Cohort Gender Balance

Year Group	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Male	62	69	69	61	70	69	71	66	73	75
Female	28	20	23	33	45	61	55	64	65	67
Total	90	89	92	94	115	130	126	130	138	142

Since the introduction of the Online Literacy and Numeracy Assessment (OLNA) in 2014 the College’s Western Australian Certificate of Education (WACE) attainment rate has consistently fallen short of the State average for Public Schools. It has also consistently fallen short of the target we set in our 2017 – 2020 Business Plan. In 2019 we continued with a range of strategies to assist students to achieve their WACE, including: employing additional Education Assistants, providing after hours support sessions for numeracy, and running guided reading sessions three nights a week for students in the evening. It seems those strategies paid dividends, with the College achieving a WACE attainment rate of 96% this year. This was higher than the State average and also enabled us to finally achieve this key achievement target in our 2017 – 2020 Business Plan!

Table 4: WACE Attainment

Year	# Year 12 WACoA Denmark Stu-	% WACoA Denmark Students Achieving	State %
2015	44	93%	96%
2016	39	89%	92%
2017	44	87%	91%
2018	41	85%	89%
2019	50	96%	91%

Another key target in our 2017 – 2020 Business Plan that we have been struggling to achieve is in regard to our ATAR program. The College has built a strong ATAR pathway since its introduction in 2012, with many students achieving outstanding individual results over the years. However, the target we set in our business plan was for 50% of students in the ATAR program to achieve a ranking – and, therefore, direct university entry – of 70 or higher, and we have never managed to reach that figure. Until this year, that is. We still had our outstanding individual results in 2019 with Olivia Miller achieving an ATAR of 96.05, Deahna Keam 95.05 and Tom Darwin 91.20. But perhaps more importantly 60% of our ATAR students achieved ATAR’s of 70 or higher. It was a very pleasing result and a credit to all our ATAR teachers and students.

Table 5: WACoA Denmark Student ATAR’s 2014 -2019

ATAR	2019	2018	2017	2016	2015	2014
99+	-	1 (7%)	-	-	-	-
90-98.95	3 (18%)	1 (7%)	1 (6%)	1 (8%)	1 (6%)	-
80-89.95	3 (18%)	2 (13%)	2 (12%)	2 (15%)	1 (6%)	1 (20%)
70-79.95	4 (24%)	2 (13%)	3 (19%)	3 (23%)	3 (18%)	1 (20%)
55-69.95	3 (18%)	3 (20%)	5 (31%)	2 (15%)	1 (6%)	1 (20%)
<55	4 (24%)	6 (40%)	5 (31%)	5 (38%)	10 (62%)	2 (40%)
Total ATAR students	17 (34%)	15 (37%)	16 (36%)	13 (33%)	16 (37%)	5 (20%)
% ATAR with 70 or >	60%	40%	38%	46%	38%	40%

Along with the achievement of the Western Australian Certificate of Education (WACE), the other key achievement target for all our students is the completion of a Certificate II in Agriculture. This is a qualification students have the opportunity to achieve from their weekly on-the-job workplace learning on the College farm, and for the first time in many years all of our 2019 graduating students completed their Certificate II in Agriculture. I have no doubt the 100% completion rate is strongly related to the excellent work of our VET Coordinator, Darren Scahill, who closely monitors students’ progress and, if necessary, works with our farm staff to try and provide students at risk with the opportunity to ‘get through’.

Table 6: Certificate II in Agriculture Achievement

Year	# Year 12 Students	% Achieving Cert II in Agriculture
2015	44	98%
2016	39	95%
2017	44	98%
2018	41	93%
2019	50	100%

Our VET Coordinator Agriculture also works closely with our farm staff to deliver a Certificate III in Agriculture to some of our Year 12 students. As the table below suggests, the College has adopted a 'steady as she goes' approach to delivering this high level qualification since its addition to our scope in 2014 and we continue to look closely at its training and assessment strategy, ensuring that students have the necessary amount of time, resources and training opportunities to meet requirements.

Table 7: Certificate III in Agriculture Achievement

Year	Year 12 Students		% Students Achieving Cert III in Agriculture
	Number enrolled	Number completed	
2015	0	0	0%
2016	8	4	50%
2017	8	7	88%
2018	15	14	93%
2019	15	13	87%

One of the great strengths of the College's education program is the diversity of industry training our students have the opportunity to experience through their 'Options'. In most cases this training is delivered by 'tradespeople' with Level 3 or equivalent qualifications. And usually this training results in the student achievement of a nationally recognised Level 2 qualification.

Once again the Certificate II in Hospitality was delivered through a VETis profile hours arrangement with Great Southern TAFE.

Table 8: Student Industry Training Outcomes

Qualification	# Year 12 Students Enrolled in Qualification	# Year 12 Students Completed Qualification
AHC20110 Cert II in Agriculture	50	50
AHC30110 Cert III in Agriculture	15	13
AHC21310 Cert II in Shearing	0	0
AHC21416 Cert II in Wool Handling	16	16
AHC33116 Cert III in Advanced Wool Handling	14	14
AHC20310 Cert II in Production Horticulture	0	0
AHC21016 Cert II in Conservation & Land Management	4	4
FWP20116 Cert II in Forest Growing & Management	11	10
AUR20716 Cert II in Automotive Vocational Preparation	19	18
MEM20413 Cert II in Engineering Pathways	27	26
ACM20217 Cert II in Horse Care (Riding)	10	10
SIT20316 Cert II in Hospitality	12	11

The trend for a large percentage of graduating students to now have a 'gap year' before committing to further study or employment creates some uncertainty around post-graduation destination data, but according to our surveying around 90% of our 2019 graduating class are intending to go into either agriculturally-related work, further training or study.

Table 9: 2019 Post-School Destination Data: 50 Students

EMPLOYMENT				APPRENTICESHIP/ TRAINEESHIP		TRAINING/ TAFE		UNIVERSITY				LOOKING FOR WORK		TOTAL
AGRICULTURE RELATED		NON-AGRICULTURE RELATED		#	%	#	%	AGRIC. RELATED		NON-AGRIC. RELATED		#	%	
#	%	#	%					#	%	#	%			
10	20%	2	4%	20	40%	1	2%	11	22%	4	8%	0	0%	50

The undeniable link between student attendance and achievement saw the College adopt an aspirational target in its 2017 – 2020 Business Plan of 90% of students achieving an attendance level of 90% or greater. Unfortunately, despite overall attendance levels well above the WA Public Schools average, we have been unable to achieve that target throughout the duration of our 2017 – 2020 Business Plan. Despite our 'failures', College staff and the Board have opted to persist with this aspirational target in our new 2020 – 2023 Business Plan and introduce some new strategies in an attempt to achieve it.

Table 10: Attendance Levels School V's State

Overall Attendance Levels		
Year	WACoA Denmark	WA Public Schools
2015	94.5%	87.9%
2016	94.0%	87.7%
2017	95.4%	87.8%
2018	93.9%	87.6%
2019	93.5%	86.8%

Table 11: 2017-2020 Business Plan Target

Business Plan Target:	
Year 10	92%
Year 11	83%
Year 12	78%
Overall	84%

The College enjoyed very few staffing changes in 2019. Kevin Marshall commenced in the role of Farm Manager in January and Roger Schulz started as our new AITO Sheep in April. Apart from those two excellent additions to our staff there were only minor changes or adjustments to the work fractions of existing staff. Very late in the year one of our Education Assistants, Alisha Lisowski, won a position at a new school in Perth, and Brenton Rice, one of our part-time Residential Supervisors, won a full-time position at Great Southern Grammar.

The College continues to survey widely as part of its requirements as a Registered Training Organisation and its continuous improvement processes. Annual Learner Satisfaction Surveys are conducted with students to gain feedback on their experiences in each of the College's industry training areas. The College also surveys parents, staff and students each year using the National School Opinion Surveys (NSOS) format with additional sections for comments on areas of strength and areas for improvement. The information in these surveys is closely considered by College staff as part of our annual self-review process. While the feedback is generally very positive, areas of improvement are invariably highlighted too.

Once again the response rate for our 2019 Parent Survey was very good (74 completed responses), and once again the response rate for our Staff Survey was quite low (15 completed responses), although the limited feedback we did receive was very useful.

Table 12 : 2019 Parent Survey: 74 Completed Responses

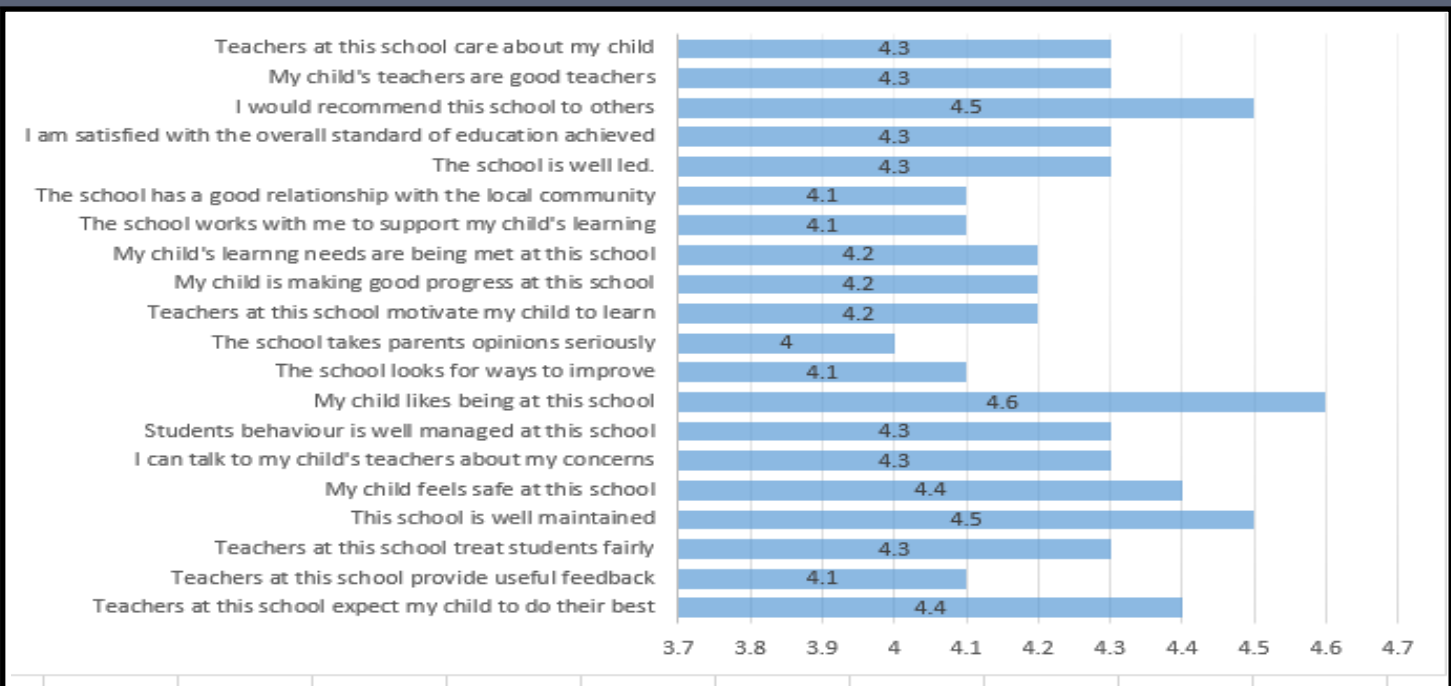


Table 13: 2019 Student Survey: 43 Completed Responses

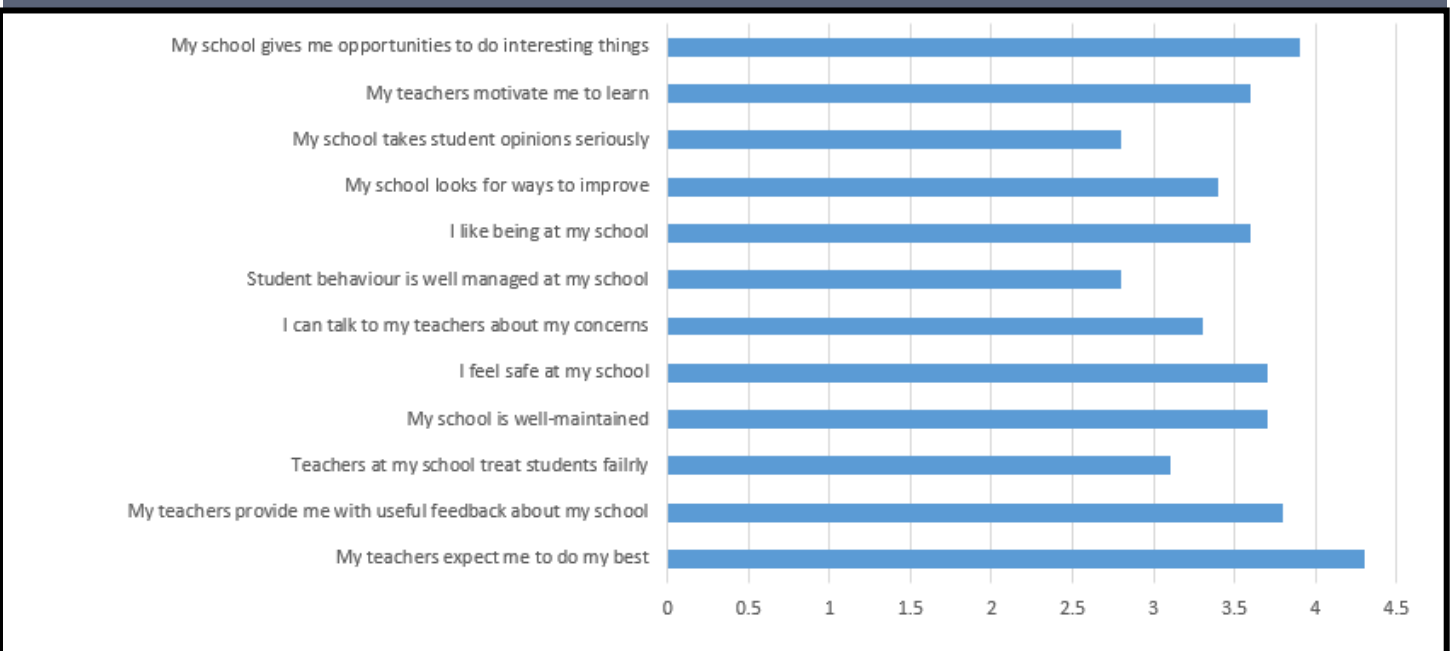
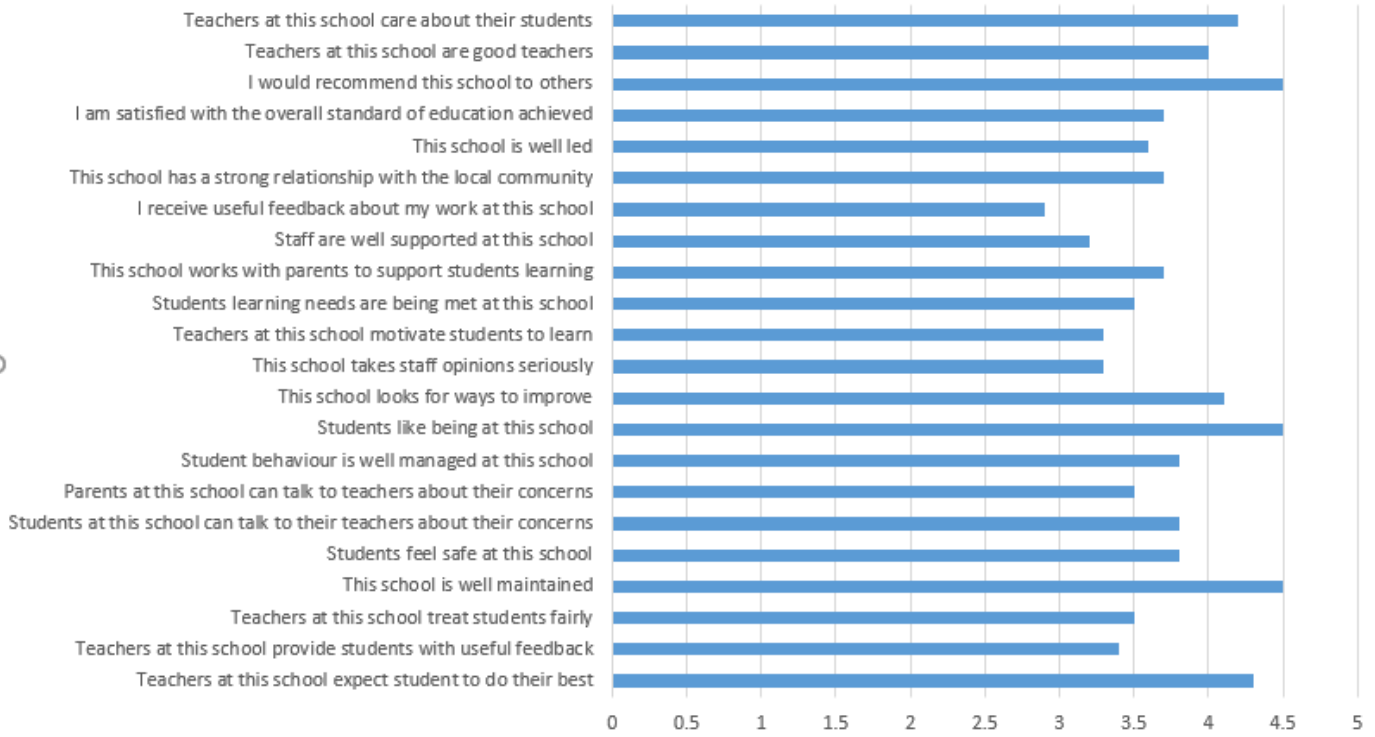


Table 14: 2019 Staff Survey: 15 Completed Responses



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2019 Year 12
Student Councillors

The Student Council continued to be an important part of the College's organisational framework. The Deputy Principal, Steve Swallow, our Head of Residence, Kelli Gillies, and I met with the Student Council on a fortnightly basis throughout the year ensuring that our students have 'a voice' in the College's decision-making processes. Deahna Keam and Zac Mostert were elected the 2019 School Captains and were well supported by the other Year 12 Student Prefects: Hayley Pitts, Tom Darwin, Ben Olden and Dylan Whitehurst. Lily Gianatti, Paige Lock, Bianca Roth, Murray Findlay and Josh Kemp were our Year 11 Student Councillors. While Georgia Dalton, Hamish Bowie and Jakey Jackson were the three Year 10 Student Councillors.

Another group that plays a critical role in the good-running of the College, particularly in regard to our farming operations, is our Agricultural Advisory Committee. Our 2019 Ag. Advisory Committee consisted of: Owen Sounness (Chair), Harry Carroll, Sandy Lyon, Phillip Marshall, Murray Montgomery and Ken Ravenhill. Sadly, Phillip Marshall, an Ag Advisory Committee member for 40 years, passed away late in the year. Phillip made an outstanding contribution to the College, and in particular our Horticulture enterprise, over a long period of time and will be greatly missed.

Finally, the College Board, under the excellent tutelage of our Chair, Steve Jones, continued to operate strongly, with a focus on the implementation of our 2017 – 2020 Business Plan. Kevin Marshall and Darren Burrow joined the College Board early in the year after staff and parent member elections. While later in the year there was another round of staff and parent member elections to fill two staff positions after the three-year terms of Steve Swallow and Dane Carter concluded, and three parent member positions after the terms of Angela Wheatley, Debbie Perkins and Darren Burrow also concluded. Lisa O'Farrell, Lawrence Cuthbert and Stuart Stevenson were the successful parent member candidates; Tracy Milton and Robert Calcraft were the successful staff member candidates. The exciting first task for our new Board will be to close off the 'old' 2017-2020 Business Plan and assist College staff in putting together our new business plan for the next three years.

Kevin Osborne
Principal



College Board - Chair Report

On behalf of our College Board, it is with great pleasure that I congratulate graduating students of 2019 and the achievements of all our students and staff. We also wish to acknowledge the excellent parent support for their daughter and/or son and the College as a whole.

We held 6 meetings for the year and it was a year of 'steady as we go' with focus on achieving our business plan. In addition, the College has been progressing a formal curriculum review on how we can fine tune the curriculum to deliver more value to our students. The Board also reviewed and made the necessary changes to the practical uniform element of the school uniform policy.

2019 was our last year for the current business plan. The Board received a final update and many targets were achieved and for all others progress to achievement was made. As part of the close out of the plan, the Board reviewed which targets would continue into the next 3 year plan, those that needed modification and others that were no longer relevant. We also provided our thoughts for new targets for the 2020 Board to consider in the next 3 year plan.

At the end of the year we also said our goodbyes to Board members Angela Wheatley, Steve Swallow, Dane Carter, Darren Burrow and Debbie Perkins who have made a wonderful contribution to our Board.

To get ahead of the game, we also held Board elections for the coming year and welcome in advance with new members Robert Calcraft, Tracy Milton, Cuthbert, Stuart Stevenson and Lisa O'Farrell being successful candidates. It was fantastic to see these people put their hands up and contribute to our college.

At the time of writing my report, 2020 will be anything but 'steady as we go' due to COVID19. It is presenting significant challenges for our School Community and I have complete faith in our college leadership to navigate us through it in the best shape as possible. I ask our school community to listen to the Government health advice and the directions of our Principal/Department of Education and not get caught up by potentially misleading information outside of these official channels.

2019 was also my last year as Board Chair and I would like to thank my fellow board members current and past, staff, parents and students for their fantastic support of the Board. I would also like to make special mention of our principal Kevin Osborne. We have had a highly constructive and productive relationship over the past 4 years and his willingness to engage the Board is to be commended. It has been a total pleasure serving our school community and I have been accepted by the Board to stay on as a community member.

I encourage parents and members of our community to visit our website <https://www.denmarkag.wa.edu.au/> where you can find our Business Plan and who our Board Members are. If you wish to raise a query with the Board then please contact Rosemary Wolter, Board Secretary via Reception or rosemary.wolter@education.wa.gov.au.

Wishing our leavers all the best for the future and our returning and new students and parents all the best for 2020.

Stay safe and healthy.

Steve Jones

Board Chair



Steve Jones
Chair

Head of Studies Report

Students at WA College of Agriculture (WACoA) Denmark have the opportunity to achieve the Western Australian Certificate of Education (WACE) and an Australian Tertiary Admissions Ranking (ATAR); and also have the opportunity to be awarded nationally recognised certificates to Level II/III in a variety of industry areas. This allows for possible transition into tertiary study, post-secondary certificate/diploma courses, apprenticeships and traineeships or directly into employment.

A choice of three learning programs was made available for students at transition into Year 12: Agricultural Studies, Agricultural Trades and ATAR. The three pathways consisted of a combination of upper school WACE courses, on-the-job workplace training on the College farm and a number of nationally recognised industry training qualifications.

Seventeen Year 12 students enrolled and completed the Year 12 ATAR program. It is the tenth year in the College's history that students have had the opportunity of achieving an Australian Tertiary Admissions Rank (ATAR) to gain entry to a wide range of university courses. The College offered 5 ATAR courses in 2019: English, Biology, Animal Production Systems, Maths Applications and Plant Production Systems

The WACoA Denmark students performed better in the Year 12 ATAR exams than like schools and were significantly higher to the State mean (Raw exam mark and Standardised combined mark) in Animal Production Systems (APS) and Plant Production Systems (PPS). The agricultural-based courses are obviously a strength of the College, however it was also pleasing to note that WACoA Denmark students performed better than like schools in Maths Applications and English.

Olivia Miller, achieved the 2019 College's highest ATAR score of 96.05. Deahna Keam and Tom Darwin attained a notable ATAR score of 95.05 and 91.20 respectively. For the past five years now our highest achieving ATAR student has obtained a score above 95 which demonstrates we do have an academic program that enables students to achieve outstanding results.

In addition, 60% of the College's ATAR students achieved ATAR's above 70, which is also significantly higher than other WACoA sites. WACoA Denmark was once again listed by the School Curriculum Standards Authority as the school with the highest performing students in Year 12 Plant Production Systems (ATAR) and along with WACoA Cunderdin, Year 12 Animal Production Systems (ATAR). Three students were awarded Certificate of Distinction and five students received Certificate of Merit.

The Year 12 ATAR data above is a reflection of a motivated, capable student group, dedicated and skilled teaching staff and a well-developed teaching and learning program from Year 10 - 12 at the College. However some individual ATAR scores were disappointing. It is imperative that students studying ATAR subjects have the motivation and work ethic to succeed at this level. Our goal is to maintain the percentage of 50% or more of our students attaining an ATAR score above 70.

College teaching staff were involved in course of study professional learning and/or consensus moderation activities for most of the WACE subject areas during the year. These sessions did show that teaching staff had a good understanding of the requirements of these courses and were delivering them to a very high standard. College staff spent a great deal of time reviewing the College programme and making changes for 2019.

Year 12 subject results show a consistent pattern over the past 10 years. Data once again demonstrates the College performs at or above the State average.

This indicates well-established Courses of Study in Plant Production Systems, Animal Production Systems, English, Biology and Mathematics. 2019 results were pleasing with a highly positive distribution of grades in Animal Production Systems,



Dux Deahna Keam with the Minister for Education the Hon. Sue Ellery.

Biology (ATAR), English, Mathematics Applications and Plant Production Systems where the percentage of students achieving A and B grades was higher than the State Schools grade distribution. Year 12 grade distribution in Career and Enterprise, Essential Mathematics and Accounting and Finance were more variable but still indicated that the majority of students were achieving satisfactory standards in these subjects.

A Year 10 educational program was introduced at the College for the first time in 2010. The program has proved to be a good mixture of academic (English, Maths, HASS, Science), and applied practical work (On-the-job Workplace Learning, Automotive, Metals & Engineering, Computing, Equine, Beekeeping and Certificate I AgriFood). Students also have the opportunity of being involved in Sport/Health Education sessions on a weekly basis. The Year 10 Science course in particular complements the delivery of Animal Production Systems, Plant Production Systems and Biology in Year 11 and 12. Teaching staff feel that the Year 10 course develops some very positive outcomes for our students and provides an alternative educational pathway for Year 10 students in the Great Southern of WA. Year 10 enrolments in 2019 were quite high with thirty-seven students. Eighteen of these students are intending to enrol in the ATAR programme in 2020.

The College VET program has developed considerably over the past 10 years. All students enrolled at the College are VET students and have the opportunity to complete a number of certificates. Access to some certificates is dependent upon subject choices in Year 12. Conservation & Land Management, Metals & Engineering, Automotive, Equine, Hospitality, Aquaculture and Forest Industries all proved popular with students. The Equine option again was in demand and was also offered as an option to all students.



Australian Wool Innovation Cert III Wool Handling

Australian Wool Innovation (AWI) have been training our Year 11 students in shearing and wool handling as part of their Certificate III in Wool Handling.

Trainers are skilled practitioners used to instructing students at all levels, from complete novices through to professional shearers who are looking to fine tune their skills.

Excursions

The College organised numerous excursions during the year for both educational and recreational purposes. Instructional staff recognises that experiences of students outside the College grounds contribute to the development of their knowledge, skills and attitudes. Opportunities for students to learn from the wider community builds on and reinforces the College curriculum. Examples of major excursions carried out in 2019 include Wagin Woolorama, Perth Royal Show, Beverly Show, Albany Agricultural Show, Rylington Park Shearing School, Brunswick Cattle Handlers Camp, Low Stress Livestock Handling Workshop, Country Week sport, Gate to Plate Challenge and Newdegate Machinery Field Day.

Equine Event: A number of the College's equine students participated in the Narrogin Inter-College Equestrian Challenge at Narrogin Agricultural College in August. Students were involved in hacking, camp drafting and show jumping events. WACoA Harvey and WACoA Narrogin were also involved.

Study Tour: The annual Year 10 Study Tour took place during the first week of December and was based from Esperance with a focus on day trips to businesses and primary industries in the region, as well as recreational activities on Woody Island and Cape Le Grand National Park. Study tour has a significant educational benefit that complements what students have learnt at the College.

UWA Albany Open Day: Year 11 ATAR students toured the campus which provided our students an opportunity to develop a better understanding of the courses on offer (and their requirements), meet the lecturers, current students and staff as well as develop a sense of university lifestyle.

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University Camp: Year 11 ATAR students participated in a University camp to Perth in October 2019. The purpose of the camp was to promote University study as a real option after completing Year 12, specifically the Agricultural Science course at the University of WA, the Agribusiness course at Curtin University and the Animal Science program at Murdoch University. Hopefully the camp provided plenty of information on choices available for tertiary study in agriculture in WA and allowed our students the opportunity to experience life on a University campus.

Year 12 Trades Industry Tour – Perth and Bunbury: The Year 12 Trades students attended the Careers Expo (Perth Convention Centre), Construction Futures Centre (Belmont) and Automotive Training Centre (Bunbury) in May. This opportunity allowed the students to explore potential career and training opportunities, network with relevant industries and gain useful insight into modern training practices.

Albany Career Expo: Year 12 Ag Studies and ATAR students attended this event in August at Centennial Park whereby the students were provided an opportunity to network and receive relevant career information and explore further education courses from local businesses and training institutions.

Fletchers Abattoir: Year 12 Ag Studies students toured Fletchers Abattoir in August. The purpose of the cross curricula excursion was to expose the students to the daily operations of an intensive sheep abattoir and talk to staff about employment opportunities in the meat processing industry.

RAC Project Road Smart: Year 12 Ag and Trades students attended the road safety workshop at the Albany Entertainment Centre in August which featured a crash re-enactment involving real-life emergency services. The re-enactment focused on driver and passenger behaviour and highlighted the far-reaching effects of road crashes.

Two Peoples Bay Biology Camp: Year 11 ATAR students camped at the Two Peoples Bay Ranger Station in September where they participated in the trap and release program administered by The Department of Parks and Wildlife. The program existed 30 years ago, and has recently been restarted to investigate population changes in the area. Students were studying population dynamics as part of their modules on Ecosystems. This program is a perfect example of real life field biology to support their learning.

AWI Schools Wethers Challenge: The AWI Merino Wethers Competition was designed to educate students in feeding and preparing Merino sheep for competition. The students worked with the merino wethers (provided by Barloo Merino Stud of Gnowangerup), which were delivered to the College farm for a six-month period. Students were involved in the management of sheep. They were judged on wool and meat yield, commercial value, presentation and handling at the Katanning Show in August.

Amanda Gaunt
Head of Studies



Science at Work



The Year 10 Science course in particular complements the delivery of:

- Animal Production Systems
- Plant Production Systems, and
- Biology

in Year 11 and 12.

Excellence and innovation in agricultural education

Farm Manager Report

2019 brought with it the normal challenges of a mixed farming enterprise combined with the demands of an Agricultural Education Campus along with a change of management on the farm. This was no easy feat, however with the strength of a reliable farm staff team and support from senior management the transition into different leadership was smooth and with minimal impact on the overall program. The dedication and excellent work of Acting Farm Manager Mr Terry De Vos must be acknowledged prior to and during this time.

One of the first challenges was to get the Inlet Views Simmental cattle and Corriedale sheep to Wagin Woolarama in early March and present them as best as possible. This was achieved with positive feedback from the public and cattle breeders alike. Numerous awards were won and the outstanding student performance was widely recognised. As a direct result of this competition a bull was sold shortly thereafter.

The season had a dry start with no summer rain and a rain free April period. The farm staff began seeding the planned ryegrass, clover and oats feed mix in late March with quite challenging conditions and a staggered germination. The season was quite slow to get going but fortunately June brought solid rainfall and pasture growth. Late in the year hay and silage was produced with an average yield but good quality result.

The College's robotic dairy continued to perform and deliver reliable production figures. The building of a large calf shed up near the dairy has been a welcome addition providing a warm and well-designed facility. Cow numbers have continued to build and improve with well managed selection processes to select the best performing cattle.

During the second term a new Sheep Agricultural Trainer was employed. Mr Roger Schulz was welcomed to the Farm Team and has contributed greatly to simplify the sheep enterprise and increase overall productivity. This was achieved later in the season for the first time by turning off prime lambs in late October into a strong lamb market. Mr Schulz's attention to detail and industry experience monitoring feed on offer and effectively managing the worm burden contributed to this quality result.

Horticulture production has experienced a welcome increase in volume and sales. Mr Thomas has worked very hard to develop a seasonal planting and harvesting routine along with efficient disease and pest control. A reduction in weeds and other pests has boosted quality and production and has provided the kitchen and local stores with fresh produce.

The vineyard has seen its fair share of challenges from heavy mildew damage to weeds and pest control. It is pleasing to say 2019 brought some positive growth in that area with effective fungicide applications and late in the year a large grafting program was achieved.



Farm Manager Report

With the financial support of the Agricultural Trust several funding projects on the Eastern side of the farm have been successful and a major development has begun. A large water tank, pumps and water infrastructure have been installed and are functioning well. This will provide reliable water to almost every paddock. Paddocks are being subdivided and laneways being built to provide livestock movement throughout the block. A new set of cattle yards will be built in 2020 with holding and loading facilities. This is an exciting time in the development of the East Farm. New forage crop species are being trialled with very positive results. With the regular rainfall of the South Coast these crops should thrive throughout 2020.



The attendance at several local and State Agricultural Shows was a major achievement for the staff and students exhibiting cattle and the sheep. Not only did the livestock perform well but many students competed in State events achieving some outstanding results. Recognition must be given to the team of dedicated farm staff who train and mentor the students up to and during this time and

contribute to this outstanding experience. Highlights at the Perth Royal Show were achieving Champion Medium weight steer (on the hoof) and Champion Light weight steer (on the hook), along with numerous student handling and judging achievements.

The highlight in the sheep pavilion was the College's sheep team winning the AWI Future Breeders Challenge. This is where merino animals are prepared for eight months' prior the event and analysed at the show for growth, condition and wool production.

Of course other farm based activities have also contributed to improvement and development of the farm and training campus. The upgrading of plant and equipment. The demolition of older buildings and the modifications to sheep and cattle yards to make that training area safe and efficient to work in. The installation of a three-way sheep auto drafter has been a highlight when handling and selecting sheep for market.

The students' ability to operate quality farm machinery and gain valuable experience on a working farm provides a great training opportunity and facility.

Though the training schedule for students can be very challenging, the overall success of the Certificate II and Certificate III students was very pleasing in 2019. Achieving 100 percent of graduating Certificate II students and 85 percent of Certificate III was a very pleasing result.

In conclusion I believe 2019 has been an extremely productive and positive year. Faced with the challenges of management change, climate variations, tight training schedules and constant tasks and demands on Farm Staff the overall outcomes have been achieved to a very high standard.

We now look forward to 2020, continuing the farm's development and production and providing the students with a safe, enjoyable and highly rewarding opportunity to be trained in Agriculture.



Kevin Marshall
Farm Manager

Excellence and innovation in agricultural education

Performance

Enterprise Stock 2019

Dairy: Bulls, cows, heifers, steers, calves	
Beef: Commercial and Simmental Stud	
Sheep: Corriedale, Merino F1 flocks	

Financial Contribution to the Trust

2019	\$347,227.60
2018	\$262,216.60
2017	\$267,364.00
2016	\$244,994.08

Beef Cattle Sales

2019	\$211,563 * (Combination of 2018 & 2019 calf sales)
2018	\$77,036.66
2017	\$106,615.24
2016	\$158,338.28

Dairy Cattle Sales

2019	\$95,520
2018	\$19,664.25
2017	\$51,658.58
2016	\$59,518.42

Horticulture Sales

2019	\$9160 (\$8,240 to kitchen)
2018	\$9,900.10
2017	\$3,049.75
2016	\$6,902.75

Sheep Sales

2019	\$92,462 * (Combination of 2018 & 2019 lamb sales)
2018	\$48,035.06
2017	\$48,726.58
2016	\$47,406.50

Horse Agistment

2019	\$20,255
2018	\$21,924.92
2017	\$15,363.92
2016	\$7,281.93

Milk Sales

2019	\$510,921
2018	\$414,164.09
2017	\$420,520.59
2016	\$338,207.91

Viticulture Sales

2019	\$6,095
2018	\$7,344.55
2017	\$8,468.63
2016	\$5,772.63

Wool Sales

2019	\$39,045
2018	\$41,046.50
2017	\$14,066.29
2016	\$46,592.43

Highlight 2019

The construction of the new Calf Breeding Shed. This state of the art facility is an important adjunct to the program.



Residential Manager Report

2019 provided boarding accommodation for 91 of the 142 students overall. The College has three dormitories for both female and male students. The College employs 13 permanent staff inclusive of the Head of Residence. The College employs 7 male and 5 female residential supervisors and draws from a casual pool of 3 staff. Residential staff work on annualised hours and rosters are drawn up so that there is appropriate gender balance on all shifts. The College has a sleepover shift and an active night person each shift to attend to and keep the students safe. The College has an allocation for cleaning, laundry staff and a part time gardener.

Orientation – Teen Mental Health Awareness

The Orientation program was a little different this year with a Principal's address followed by parents and students being split into groups for an effective but scaled down version of the Teen Mental Health Awareness and 'what to expect from your boarding student'; students were then introduced to our new **SPEAKUP!** App, the app that helps children and teens become **UPstanders**. Following on students experienced some of the natural wonders of the region i.e. tree top walk and cruising on the Walpole Inlet.

Residential Activities – Semester 1 and Semester 2

Students are involved in local association sporting clubs and participate informally in activities that include music, dance or art activities; water based activities such as scuba, skipper's tickets, kayaking, sailing or fishing are offered through the college. There were high numbers participating in the Skipper's Ticket in 2019 and 5 students completing their Open Water Dive qualification. We will continue to offer these activities and we encourage students to get involved.

Student Wellbeing and Health

In 2019 we introduced Mindfulness training during both the day program and residential time. Talking Circles were also introduced to create a safe, non-judgemental space to discuss an issue or react to a speaker that allows the opportunity for each person to speak without interruption.

Mental health and wellbeing continue to be a focus for the residential staff and providing high-level care and supervision for students is a priority as is providing training for staff to remain current in areas such as Gatekeeper (Suicide Prevention Training) and Youth Mental Health First Aid. Parents/guardians of our students are always encouraged to provide accurate up to date information to the college regarding mental health issues; this enables 'best practice' care and attention for the student.

Student wellbeing and mental health support is provided throughout the year; the college is allocated 0.28FTE for the Education Department psychologist who meets with students on a voluntary basis for an allocated appointment once per week; students can also be referred to a mental health specialist outside the College at the request of the student. We have a school chaplain who is available one day per week; the chaplain offers support to both students and staff and supervises students who participate in motor bike riding mid-week.



Our kitchen staff continue to offer high quality meals produced from quality produce; catering for a variety of dietary requirements can be challenging however our team in the kitchen provide a service second to none.

Peaceful Bay Camp

55 students and 7 staff (including two kitchen staff) attended the annual beach camp for both residential and day students; this annual camp is the first opportunity to go offsite and relax together; enjoying the beautiful weather at the end of summer.

After School Surfing

This activity is run through residence and enjoyed by all students under the close watch of local surf instructor Mike Neunuebel and residential staff.

Left: Students are involved in sports and outdoor activities.



Black Dog Ride – Denmark – raising awareness of depression and suicide prevention

The Black Dog Ride event is an important date on the residential calendar. On Sunday 17 March 2019, 150 “Black Dog Riders” including staff rode in the 1-day event. Unfortunately, there was an accident with three riders hospitalised. They were released in the days after, much to the relief of all involved in the ride. We wish the three riders a speedy recovery and hope that they will join the ride again next year. The College catered for lunch and raised in excess of \$1,000 to go towards the cause.

Approximately 8000 riders across Australia ride together with the aim of bringing awareness and to “Start a national conversation about depression and suicide.”

Harvey Sports Carnival

The combined Agricultural College’s sports carnival was held over a weekend in March 2019 with a squad of 34 students and 5 staff attending.

College Ball

The Ball commenced with parents joining students and staff for pre Ball photographs at the College. The Ball venue was the Boating and Angling Club with 140 students and partners attending the Ball. The indoor/outdoor aspect of this site adds a magical quality to the evening with the lawn area lit up. We look forward each year to this wonderful event.

Red Shield Appeal 2018

Each year the College participates in the annual Salvation Army Red Shield appeal’s school challenge to raise money to support those in need. For residential students it was a commitment of 2-3 hours and it was a rewarding experience for those involved. In 2019 students were recognised for their ongoing commitment to this cause and were rewarded with a certificate for the highest fund raising school in the Great Southern.

AFL Trip

Students once again headed off to Perth to watch their beloved Eagles. This trip allowed students to visit the

Perth Zoo and enjoy a very relaxing weekend with staff and their peers.

Country Week

A Country Week team of 56 students and 8 staff including our school Chaplain and volunteers competed in a variety of games during the annual coming together of all country schools. This week is a valuable team building opportunity for more than just sport.

Raising Awareness

The Colour Run, our fifth participation in this run and in 2019 the boys joined us. It is also known as the Happiest 5k on the Planet, is a unique paint race that celebrates healthiness, happiness and individuality. Now the single largest event series in the world, the Colour Run has exploded since the debut event. It has more than tripled in growth, hosting more than 300 events in 50+ countries in 2019.

Graduation Dinner

Boston Brewery in Denmark was the restaurant of choice for the graduating students to enjoy a dinner, Congratulations to our graduating class of 2019.

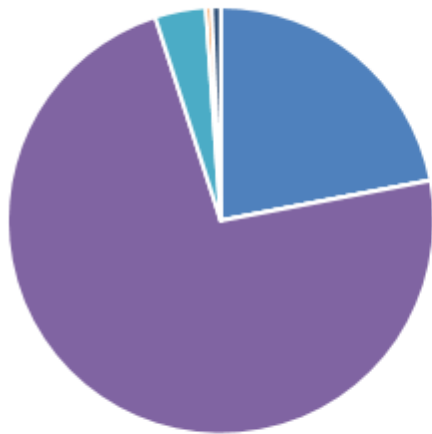
Kelli Gillies

Residential Manager



Excellence and innovation in agricultural education

Cash Position (as at 31/12/2019)

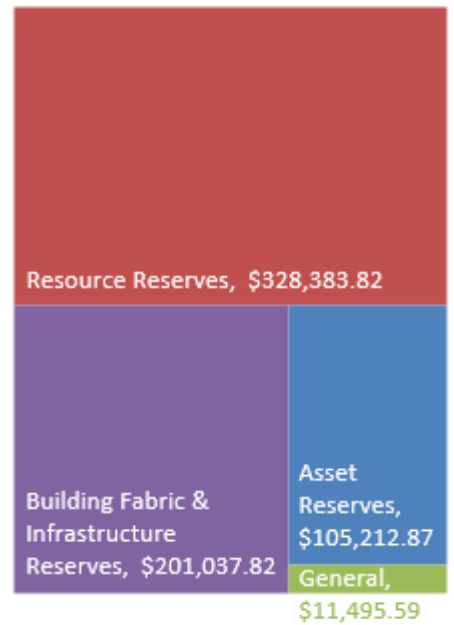


- General Fund Balance
- Asset Replacement Reserves
- Tax Position
- Deductible Gift Funds
- Suspense Accounts
- Trust Funds
- Cash Advances

Source	Balance
General Fund Balance	\$ 194,576.14
Deductible Gift Funds	\$ -
Trust Funds	\$ -
Asset Replacement Reserves	\$ 646,130.10
Suspense Accounts	-\$ 34,091.76
Cash Advances	-\$ 3,934.00
Tax Position	-\$ 5,980.00
Total Bank Balance	\$ 796,700.48

Bank Account Composition	%
General Fund	24.42%
Reserves	81.10%
Suspense / Tax	4.22%

Reserve Balances



Revenue (Cash and Salary Allocation)

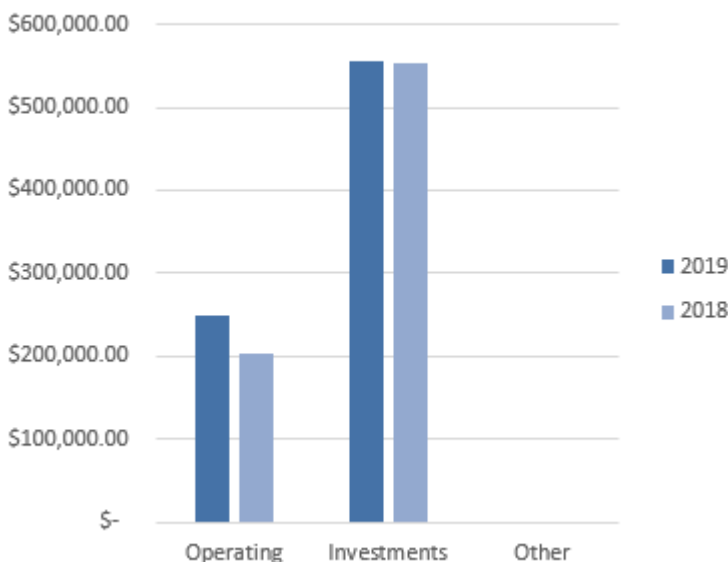
	Budget	Actual
Voluntary Contributions	\$ 6,805.00	\$ 6,270.00
Charges and Fees	\$ 244,399.66	\$ 240,304.86
Fees from Facilities Hire	\$ 26,449.47	\$ 25,494.78
Fundraising/Donations/Sponsorships	\$ 36,887.00	\$ 34,944.26
Commonwealth Govt Revenues	\$ 19,009.00	\$ 19,009.00
Other State Govt/Local Govt Revenues	\$ 7,741.37	\$ 7,741.36
Revenue from Co, Regional Office and Other Schools	\$ 780.00	\$ 780.00
Other Revenues	\$ 56,720.67	\$ 58,861.55
Transfer from Reserve or DGR	\$ 157,295.18	\$ 157,295.18
Residential Accommodation	\$ -	\$ -
Farm Revenue (Ag and Farm Schools only)	\$ 807,243.00	\$ 940,030.68
Camp School Fees (Camp Schools only)	\$ -	\$ -
Total Locally Raised Funds	\$ 1,363,330.35	\$ 1,490,731.67
Opening Balance	\$ 74,830.93	\$ 74,830.93
Student Centred Funding	\$ 1,484,047.69	\$ 1,481,173.65
Total Cash Funds Available	\$ 2,922,208.97	\$ 3,046,736.25
Total Salary Allocation	\$ 4,634,764.00	\$ 4,634,764.00
Total Funds Available	\$ 7,556,972.97	\$ 7,681,500.25

Collection Rate

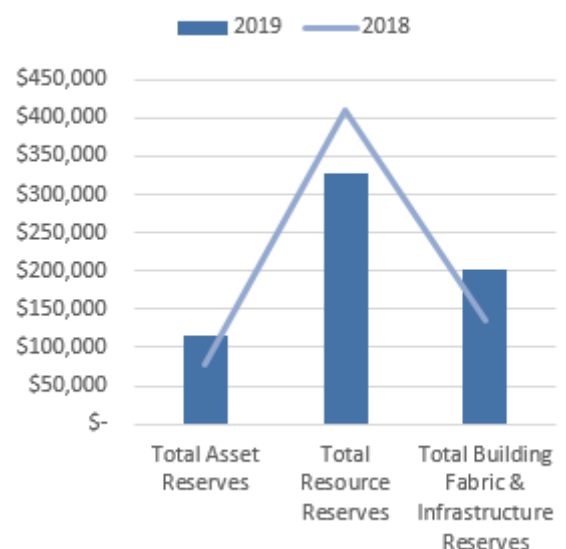
98%*

*overall rate for all year groups covering voluntary contributions, fees, charges and extra cost optional components.

Reconciled Bank Balances



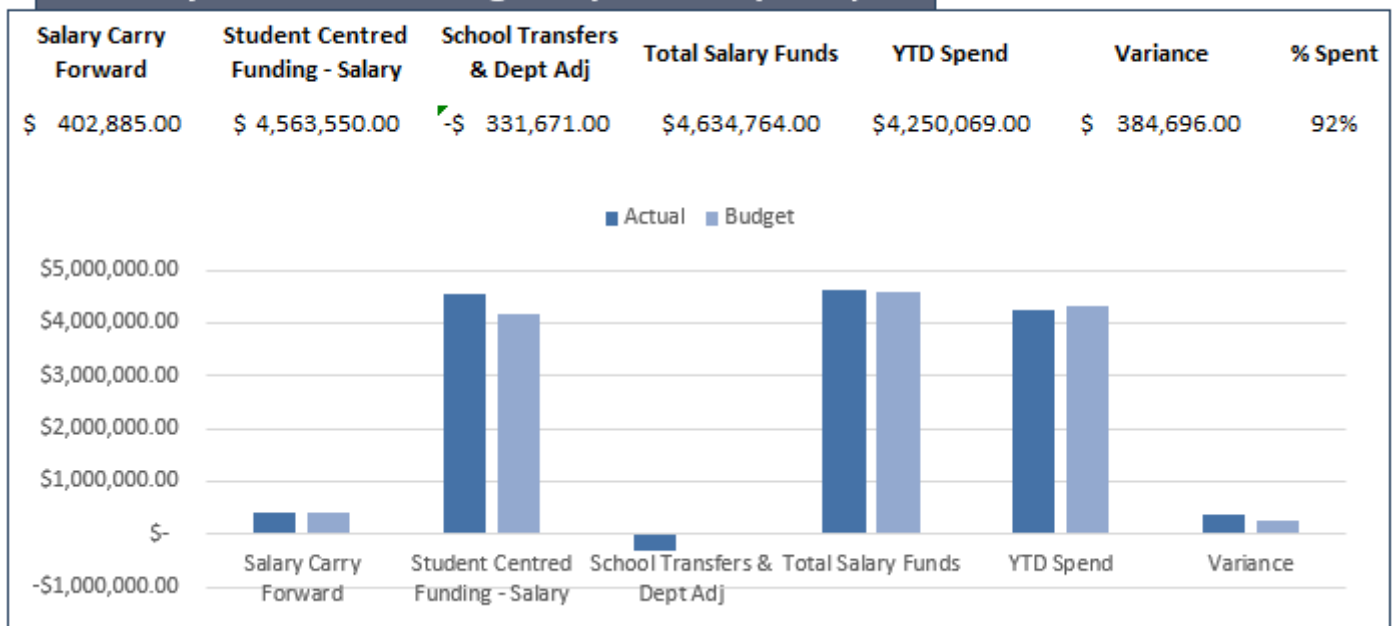
Replacement Reserves (funds held)



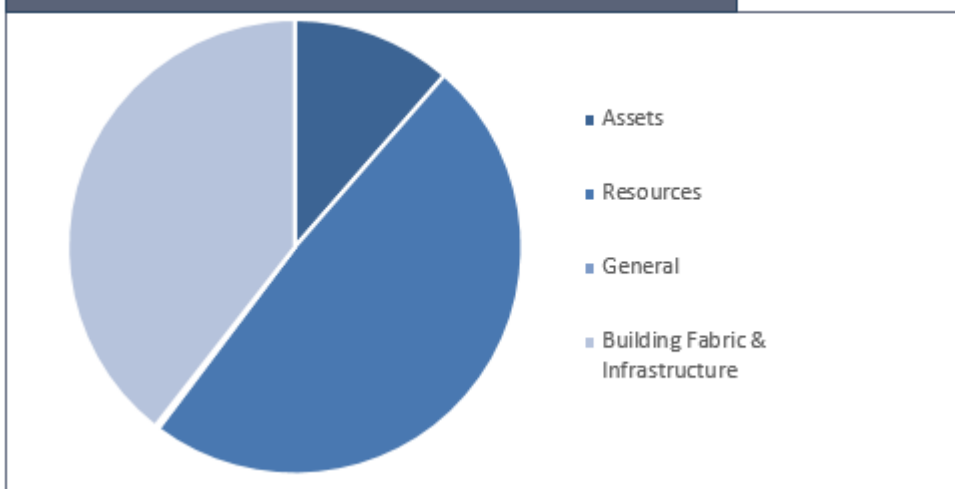
Manager Corporate Services

Expenditure (Cash and Salary Allocation)		Budget	Actual
Administration	\$	102,782.60	\$ 81,557.37
Lease Payments	\$	-	\$ -
Utilities, Facilities and Maintenance	\$	542,626.10	\$ 511,919.05
Buildings, Property and Equipment	\$	449,306.82	\$ 518,180.22
Curriculum and Student Services	\$	298,347.25	\$ 200,168.19
Professional Development	\$	20,669.00	\$ 19,755.48
Transfer to Reserve	\$	181,882.34	\$ 181,882.34
Other Expenditure	\$	76,483.50	\$ 69,600.43
Payment to CO, Regional Office and Other Schools	\$	-	\$ 7.00
Residential Operations	\$	191,871.00	\$ 188,508.71
Residential Boarding Fees to CO (Ag Colleges only)	\$	-	\$ -
Farm Operations (Ag and Farm Schools only)	\$	670,681.31	\$ 733,353.72
Farm Revenue to CO (Ag and Farm Schools only)	\$	302,210.00	\$ 347,227.60
Camp School Fees to CO (Camp Schools only)	\$	-	\$ -
Total Goods and Services Expenditure	\$	2,836,859.92	\$ 2,852,160.11
Total Forecast Salary Expenditure	\$	4,338,331.00	\$ 4,250,069.00
Total Expenditure	\$	7,175,190.92	\$ 7,102,229.11
Cash Budget Variance	\$	85,349.05	\$ 194,576.14

Salary Allocation vs Charged Expenditure (SCFM)



Funds Transferred to Reserve



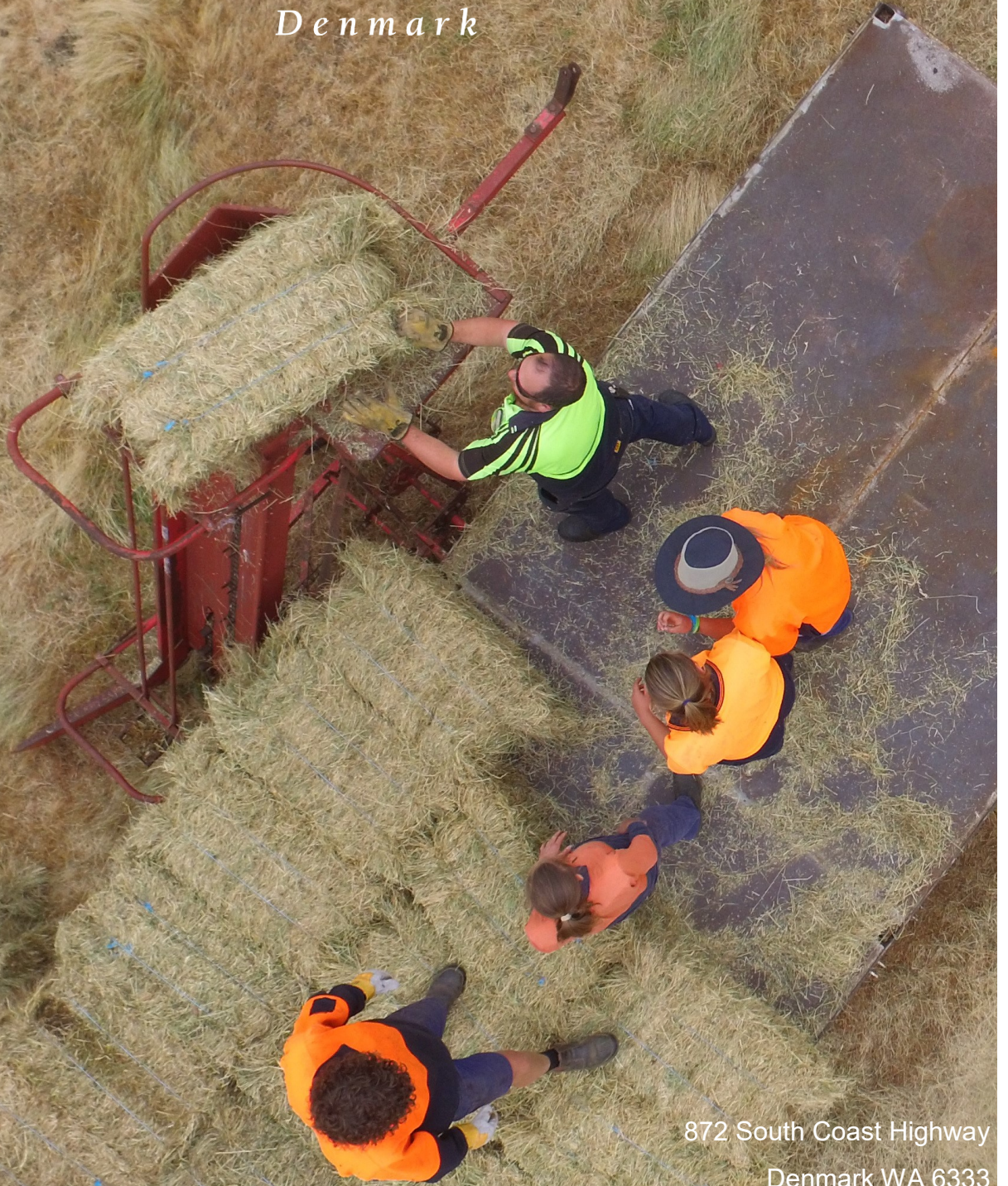
Craig Armstrong
Manager, Corporate Services

Graduation Awards and Scholarships

Scholarships		Recipient	
Albany Region Commercial Horticulturist Scholarship		Cara MacKenzie	
Australian Defence Force Long Tan Leadership & Teamwork Awards		Georgia Dalton & Zac Mostert	
Neville Munns Memorial Shearing Scholarship—WA Shearing Industry Ass.		Benn Pratt	
Old Collegians George Elliott Memorial Scholarship		Paige Zweck	
Royal Agricultural Society Scholarship		Hannah French	
Denmark Chamber of Commerce Business Management Award		Josh Kemp	
Shire of Denmark Agricultural College Scholarship		Zac Miller	
WA Farmers Agriculture Ambassador Scholarship		Murray Findlay	
Dr. Sally Talbot Award		Morgan Green	
Phillip Marshall Scholarship for Excellence in Horticulture		Bianca Roth	
Stirling to Coast Farmers Group Scholarships		Ruby Millard	
KL & ML Bidstrup Scholarship		Hamish Bowie	
Special Awards		Recipient	
Dux Award		Deahna Keam	
Runner Up Dux Award		Olivia Miller	
AFGRI Top Student & Australian Super for Excellence in VET		Zac Mostert	
Highest Achiever Farm Practice & Safe Farms		Zac Mostert	
Design & Technology Program		Zac Mostert	
Don't Walk Past Ambassador Award		George Rowe	
Farmwest Award—Cattle Handling		Connor Burrow	
Rick Milson & Milne Feeds Achievement Award		Tom Darwin	
RetraVision Female Residential Award		Neroli Weatherhead	
MLA Terry Redman Male Residential Award		Dylan Whitehurst	
Haddon Family & Ballawinna Angus Citizenship Award		Mitchell Anderson	
Slater Gartrell Sports Award—Female		Caitlyn Wheatley	
Denmark Men's Shed Sports Award—Male		Rex Ogier	
Certificates of Excellence	Recipient	Certificates of Excellence	Recipient
Farm Practice: Sheep	Shakira Clark	Farm Practice: General	Zac Mostert
Farm Practice: Viticulture/Hort.	Ethan Willey	Farm Practice: Beef Cattle	Jayne Thompson
Farm Practice: Workshop	Dylan Whitehurst	Biology ATAR	Deahna Keam
Farm Practice: Dairy	Zac Mostert	Highest Achiever Cert III	Jessica James
Farm Practice: Meat Processing	Kate Marley	Equine	Kate Marley
Forest Growing & Management	Quin Bogensperger	Mathematics General	Lewis Houden
Cons. & Land Management	Quin Bogensperger	English General	Connor Burrow
Animal Production Systems ATAR	Olivia Miller	English ATAR	Deahna Keam
Animal Production Sys. General	Paetyn Benn	Automotive Mechanical	Zac Mostert
Plant Production Systems ATAR	Deahna Keam	Metals	Morgan Green
Mathematics Applications ATAR	Deahna Keam	Plant Production Systems Gen.	Sharna Capelli
Accounting & Finance	Ben Rodgers	Hospitality	Deahna Keam
Career & Enterprise	Jessica James	Safe Farms & Auschem	Dylan Whitehurst & Josh Crook



WESTERN AUSTRALIAN
COLLEGE of AGRICULTURE
Denmark



872 South Coast Highway

Denmark WA 6333

Phone: 08 9848 0200

e: denmark.wacoa@education.wa.edu.au

www: denmarkag.wa.edu.au

f: www.facebook.com/DenmarkAgCollege/