



Roseworthy Old Collegians Association Inc.
ROCA DIGEST

Print Post Approved PP539022/7	ROCA Contact Details	
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Autumn 2011



Your happy little ROCA Committee 2010/2011

Ray Taylor, Mike Wake (EP rep) Dick Turnbull, Dave Spencer
 Ian Rice, Dale Manson, Mark Seeliger, Richard Indwood
 (missing is Locky McLaren and our secretary Tracy Parkes)

“Pay attention you jokers” – this is your President speaking

Cliff Hooper would use this phrase to implore us inattentive students as we tried to shrug off our postprandial somnolence and pay attention to the poor mid north farmer who was unlucky enough to get us adolescent book farmers immediately after our carbohydrate fuelled lunch. It was always a struggle to listen to what the man said. A similar problem of inattentiveness may arise when reading these words from your new President, however he may have some important things to say, so “pay attention you jokers”.

ROCA and the Alumni

ROCA is still the most active alumni in the University although these days not the most numerical. However we are not attracting new members so our funding base is wilting and more importantly the new graduates are missing out on a better after-life. I have found the camaraderie developed at college has continued over the years due in no small measure through my membership of ROCA. Although I have a degree from another institution it has always been my Roseworthy connections that I have valued the most. This is why I volunteered to join the committee and take my turn at being president and have enjoyed being reconnected with Roseworthy although it is a greatly changed institution.

Under the leadership of Professor McWha, the university alumni association has increased hugely. It has been said before, but it was apparent to me when the university first took over Roseworthy how surprised and impressed they were by the strength of our humble association. This may have embarrassed them a little, but they saw the intrinsic worth of keeping in touch with their old scholars with an eye to American universities and their strong tradition of philanthropy. ROCA has been more of a dinner reunion association with deep roots in the farming community, rather than a philanthropic organisation and I would like to keep it that way. However we have had and continue to have a modest philanthropic side to our activities, which as a committee we intend to encourage through our **Roseworthy Campus and Student Fund.**

As a mark of regard for ROCA the University has seen fit to appoint one of our number, Dale Manson our immediate past president as a member of a special university wide alumni committee which advises the Vice Chancellor. This committee contains some very eminent names in the Adelaide business and academic community.

HISTORIC MOMENT FOR ROSEWORTHY

History was created for Roseworthy Campus last April with the inaugural graduation of twenty five students from the Degree of Bachelor of Science (Pre-Veterinary). This qualification was established three years ago as the important first step for students wishing to obtain a full Veterinary Degree from the new Roseworthy-based veterinary course.

At the same Graduation Ceremony conducted in Adelaide University's historic Bonython Hall, seventeen people graduated from the Roseworthy-based Bachelor of Agriculture course. Graduates from this course next year will be the last ones to complete the qualification prior to its shift to the Waite Campus.

The other Roseworthy-based course represented at the Graduation Ceremony was the Degree of Bachelor of Science (Animal Science). Twenty three people graduated from this course, along with a further eight who graduated with the Roseworthy-based Honours Degree of Bachelor of Science (Animal Science). (These historic notes were prepared by Dale Manson)

Student Numbers

Like many of us I have been disappointed by the changes at Roseworthy, especially with the movement of the agricultural subjects to the Waite Campus at Urrbrae. In return the university has given us a brand new animal and veterinary science school, funded by what must be the biggest injection of capital Roseworthy has ever seen. This injection is still continuing with the current construction of a Marine Bio-security facility and, in the future, a proposed Equine Centre and a more modest sheep and cattle handling facility which will largely replace the existing rundown yards and buildings. Student numbers have increased significantly to around 550, around 200 each enrolled in the Animal Sciences and Pre-Veterinary Science degree courses and this year for the first time 45 students went on to the three year Doctor of Veterinary Medicine course, after graduating from the Pre-Veterinary course. 40 plus first year students travel to Roseworthy five times a semester as part of their undergraduate studies and there are 12 honours students plus 40 PhD students based on the campus. These include students doing nearly their whole course on the Roseworthy campus and Waite based agriculture students who do a few subjects at Roseworthy. Residential students living on the campus are just under 100 at the moment but there is a major proposal for a new student village style accommodation located on the block of land just west of the old two storey red brick accommodation building. This building is now not in use as it does not meet the current "nanny state" fire and safety regulations. Accommodation for around 350 students is being planned.

As an indicator of future trends it is interesting to note the current first year student numbers at Roseworthy and the Waite for 2011:

Roseworthy	School of Animal and Veterinary Science.	
	B Science (Animal Science)	90
	B Science (Pre-Veterinary)	73
	D Veterinary Medicine	46
Waite Campus	based course in the School of Agriculture, Food and Wine.	
	B Agricultural Science	35
	B Viticulture & Oenology	55
	B Wine Marketing	22

The ROCA committee continues to monitor enrolments and provides comment to the Faculty, especially on the need for courses that provide graduates with an immediate practical capacity to meet the needs of agriculture and related industries.

Roseworthy Heritage and the Tassie Library

Thus it appears, in terms of student numbers, Roseworthy has a very bright future. The University of Adelaide has always been keen to harness the history and traditions of Roseworthy, as it has for its North Terrace and Waite campuses. Being one of the Group of Eight, which is a coalition of leading Australian universities, which subscribes to intensive research and comprehensive general and professional education, it clings tightly to its history and traditions. This has become increasingly noticeable over the last ten years, especially under the leadership of Professor McWha and the university Alumni association. History and traditions are seen as making the university more attractive to overseas students. Roseworthy, being the last of the old tertiary agricultural colleges, fits well into this mould and the University regards ROCA essential in maintaining and fostering a 'sense of place' at the Roseworthy campus.

Areas around the main building have been designated heritage areas as has most parts of the old main building. Some of these old buildings are in need of repair, especially the Tassie Library. Money has been set aside to bring these buildings up to a stable structural state and it is hoped work will start on the Tassie Library this year. I have recently been in contact with John Tassie's nephew, whose father was born after John was killed in WW1. The nephew was given the name John Tassie in honour of his uncle and he now lives in the Adelaide Hills. As President of ROCA I would like to lead an appeal to restore and improve the interior of the library, once the stabilization work has been completed. This would be very appropriate as we approach the centenary of the beginning of the Great War, a war that saw 228 Roseworthians enlist in the AIF with 41 dying on active service. This was a sizable contribution for those days when graduating years usually had less than ten students.

Lt Col David Fulton's Swords

Can any one remember the two swords mounted on the wall in the Tassie Library. These were presented to ROCA in 1966 by the family of Lt Col David Fulton CMG, CBE, MID, who was a mature aged student at College in 1902 and who later became President of ROCA (1934/35). He has a truly fascinating story, being the CO of the South Australia 3rd Light Horse Regiment in WW1. At various stages in his life he was a race horse owner, an estate agent, wine maker and proprietor of Woodley Wines at Glen Osmond (1920's to 1940's), dairy farmer and pastoralist. He owned and operated an 80 cow dairy at Currency Creek which he sold in 1947 before moving to Emu Flat Station just out of Keith. He was always known as "the Colonel", was a member of many organizations including the Esperanto association and chairman of the SA Forest League and featured regularly in the social pages. His life was somewhat marked by sadness, with his first wife dying in 1913, a failed second marriage and the death of his only son at the age of twenty in 1928 as a result of a car accident while a student at Roseworthy College. According to our committee meeting minutes ROCA erected a concrete drinking fountain at the swimming pool in 1956 to honour the memory of David Fulton junior. This process took over 18 years. Colonel Fulton's life also ended abruptly at the age of 82 as a result of a road accident in 1965. A daughter Mrs Betty Miller, widow of Mr HW Miller, survived him and it would have been her who presented ROCA with his swords. His full story will be told in coming editions of the Digest.

Dale Manson seems to recall that his swords went missing from the Tassie Library in 1974. There are various stories of students taking down his swords and having the odd mock duel, so security was not strong in those days. I am on a mission to find them and to complete my short biography on his life. If any old Roseworthians can remember him or the swords we would like to hear from you. Also if any of you are interested in his story and would like to help me search for his swords, please contact me on 0437 755 034. We have ways of tracing them as his name is on one of the swords. Also if any of you jokers happened to have souvenired them please contact me on the same number. We are offering an amnesty for their return.

Commemorative Plaque to our National Servicemen

Last but not least a few of us who were called up for National Service (1965 – 1972) have finally gained approval from the University to mount a plaque or name board at Roseworthy to commemorate the 30 or so of us who went into the army, having our brilliant careers so rudely interrupted. This was an initiative of Peter Winter and John Eyres who started this process three or four years ago. We

have the names of 30 or so Roseworthians who were conscripted, with current contact details for all but 4. These are:

John O'Connell
 Sandy (AJ) Wilkinson RDA 1963
 Denis Hicks 1933 - 64
 Robert (Bob) J Sampson RDA

We are in the process of writing back to them to seek their approval to have their names on the plaque and to gather their stories plus a little money from them. ROCA cannot afford any thing towards this project - I should know as I am also the treasurer. However we will also apply to the Department of Veterans Affairs for funding. An unveiling ceremony and reunion dinner will be held later this year.

Once this is over I will be asking ROCA and the University for funds to add the names of all those Roseworthians who saw active service in our military forces post WW2, to the bronze name board at the back of the chapel. This will no doubt be one of the activities leading up to the commemoration of the centenary of WW1. Around 18 names will then join the 510 names of those who served in the South African War, WW1 or WW2.

Your President
 Dick Turnbull

OPENING of the VETERINARY HEALTH CENTRE at ROSEWORTHY

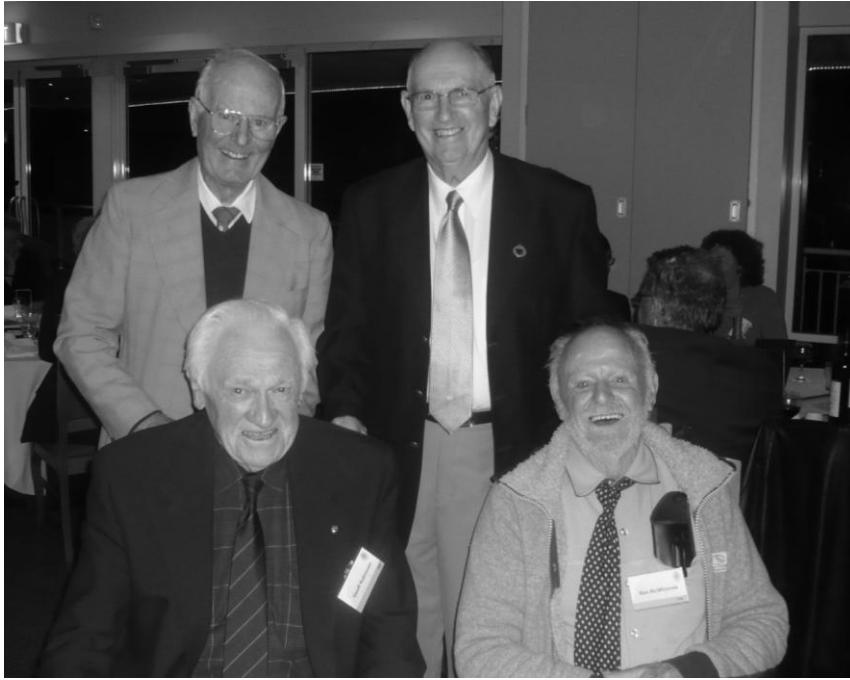
There was an impressive opening to the very impressive Veterinary Health Centre at Roseworthy on Friday 12 November 2010. The centre is the heart of the University of Adelaide's new School of Animal & Veterinary Sciences from which the first lot of veterinary graduates is due to be released on the animals and their owners in 2013. The centre has been partially operating over the last year in the pre-clinical studies area. Now with the clinical studies area completed, this year marks the start of the first year for those students who have completed their pre-veterinary degree and will now embark on their three year Doctor of Veterinary Medicine studies. Considering the enthusiasm of the research and teaching staff, the stainless steel schmickness of the facilities and the tertiary entrance scores of the enrolling students, the invited guests witnessed a fine beginning to a new Roseworthy.

In 2006 there were only 200 students at Roseworthy. In 2012 it is reckoned there will be 700 students doing Roseworthy-based courses. To this can be added the Waite-based agricultural science students who will still be doing part of their course subjects at Roseworthy. It is anticipated that this number will grow even more as metropolitan Adelaide spreads further north. Some at the university speculate that in 30 years when the Roseworthy residential development comes about there could be over 7000 students at the campus doing a variety of courses. A far cry from 1882 when Professor Custance moved to Olive Hill Farm to a campus with no buildings and no students. This parched patch just north of Kangaroo Flat would have been a far cry from the lush green fields and gardens of the Imperial College, Tokyo, Japan where he had just come from and the Royal Agricultural College Cirencester where he was Professor of Agriculture. Look what that started. Professor Gail Anderson has a new Roseworthy and a full compliment of students and staff, so we can only imagine what the future will hold for this world class veterinary and animal sciences school.

The centre was opened by the Minister for Agriculture, Michael O'Brien, who was introduced by the Vice Chancellor, Professor McWha. Professor Gail Anderson, the head of the School of Animal & Veterinary Sciences, gave a short speech outlining the development of the school and thanked all those who contributed to its creation over the last four years. This was followed by a grand tour of the place encompassing the pre-clinical anatomy and physiologies areas, surgical skills suite, operating theatres, animal imaging facilities and the pathology laboratory. Integrated into this is the Companion Animal Centre which will treat animals brought in by the general public on a fee for service basis. Frank Hardy, from his concrete block post mortem room and office by the old dairy, would have grunted, puffed on his pipe and been amazed.

2010 ROCA Dinner

Again another well attended dinner enjoyed by all, especially the 60, 55, 50, 40 and 25 year groups. The 25 year group was a bit thin on the ground but they more than made up for their lack of numbers by their general rowdiness and bad behavior (only in jest). I would ask any one from this years 25 year group to get in touch with me directly and I will help them dig up their year group. We have almost given up on the ten year group but if any of you out there know of or graduated in 2001 please contact me on 0437 755 034 and I will do the same. Your association needs you. The University knows where you once lived, and where your parents may still be living. We have ways and means!



60 year reunion group last year

Brian Jefferies, Wilf Bowen
Geoff Robinson, Ken McWhinnie (from KI)

ROCA Dinner & AGM 2011

Please don't forget the upcoming Annual ROCA Dinner and AGM, to be held at the Glenelg Golf Club on Friday 21 October 2011. The dinner is always a great event, filled with riveting and revealing stories from the 10, 25, 40 & 50 Year Reunion Groups. Year groups it time to start rounding up your mates.

Contact people are:

- 50 Years (1961) 25 year group (TBA)
Denys Slee 08 8353 4067
0417 081 378
denyss@ozemail.com.au
- 40 Years (1971) 10 year group (TBA)
David Spencer
spencers@adam.com.au
ph 84494044 or 0401124697

John Crosby, email - jcrosby@agmanagement.com.au

EYRE PENINSULA Branch of ROCA - Annual Dinner & AGM 12th February 2011 Ravendale Sports Centre, Port Lincoln

Fish Cordon, the Branch President welcomed everyone and gave a big thanks to the committee over the past 12 months, especially to those who have contributed to the organization of the dinner. It was very unfortunate that Professor Gail Anderson was unable to make it at the last minute as she was struck down with a dreaded illness. She is now well. Only the day before she had been discussing with our President plans to visit a Tuna Farm and the Lincoln Marine Science Centre. The centre was built by Flinders University in 1995 and expanded to almost double its size in 2008 with a state government grant, and now has over 35 permanent and visiting scientific and educational staff. It is her hope the new Marine Biosecurity facility now being constructed at Roseworthy will work in close cooperation with the Lincoln Marine Science Centre and no doubt she will be keen to visit Port Lincoln on another occasion.

Gail press-ganged Dr Peter Hill to front the assembled dinner guests. He is a small animal medicine specialist and coordinator of the Companion Animal Centre, with a very impressive array of letters after his name and a great breadth of experience in clinical practice. He outlined the development that had been going on at Roseworthy and surprised us all a little with his first day impressions of the old place. He had thought he had entered paradise, with all the trees, wide open spaces and old and new buildings. A far cry from the midlands of England from where he had just come. He now has a modest "country estate" at Williamstown which he enjoys with his family and animals. After an extended question time during which he had to fend off a few pointed questions, Fish thanked him heartily for his presentation and attendance at the dinner.

Fish made the point that it's harder than ever to get people to volunteer for the leadership of the branch. While it's very little work, it does require someone who is keen to continue the tradition.

Contact with our parent body, ROCA, is always greatly appreciated. Having Dick Turnbull, President of our parent body, and his wife Claire here was greatly appreciated.

Newly elected EP Branch officers:

President	N Cordon
Secretary	B Ashton
Treasurer	T Ashman
EP Representative	M Wake
Committee	I Newland, P Shane, P Russell, L Burns, T Burrow, Annabel Forrest.

Roseworthy Campus & Student Fund

With Animal Science and Vet courses now established at the Roseworthy Campus the future of ROCA will be largely dependant upon our efforts to help, liaise with and encourage students to ultimately become members of our organisation. Accordingly, the value of the Campus and Student Fund cannot be overstated. To this end efforts are being made to recruit representation on the Co-Patrons Committee from the livestock industry. Should we be successful we hope to provide closer linkage with both staff and students and also gain financial support.

New brochures and donation slips have been prepared and are displayed on the ROCA website.

Scholarships for 2011 have yet to be finalized however the numbers of applications confirm the very real need for increased funding and assistance to students. We are optimistic that the recent promotion of The Fund by Peter Dunn at the Eyre Peninsula dinner will yield positive results.

Currently the Campus and Student Fund is only able to provide less than half the amount provided by other scholarship groups and so increased donations are urgently required – come on ROCA members please help students and through them the future of ROCA.

Ray Taylor, Chairman.

New Diploma of Agriculture at Roseworthy

Late this year, the Roseworthy Campus will offer a Diploma of Agriculture course for those who want a tertiary qualification in practical hands-on farming technology. Sound familiar? For many Old Collegians who spent 3 or 4 years at Roseworthy Agricultural College, this was what their training was all about.

This new Diploma however is not a three year full time course, nor is it part of the Adelaide University curriculum. It will be available through the TAFE system and will generally be taken up as two years part time study. Later on there may be the option for students to live on the Roseworthy College campus and complete the course in one year's full time study. Many city-based students could also opt to live in Adelaide and catch the daily Adelaide University bus from the Waite Campus. At a cost of only \$2 each way, it's a pretty attractive option.

TAFE already offers a Diploma level course in Agriculture at various regional centres from Port Lincoln to Mount Gambier, but Bob Reid from TAFE SA is happy to admit they're keen to be associated with the strong reputation of the Roseworthy brand. The Roseworthy Campus of TAFE already offers Certificate level courses in Agriculture, Horticulture, Conservation and Land Management, Laboratory Technology and Wine and Viticulture. The Diploma level Agriculture course WILL be based at the University campus, and they'll use some of the facilities there such as lecture rooms and laboratories. TAFE already leases the old Agronomy building at the College. Some Adelaide University lecturers may also be seconded to provide input into the Diploma course, but the bulk of the academic input will be from TAFE staff.

A really positive aspect of the course is that it will work closely with the farm management staff and the commercial farming activities at Roseworthy. John Mathieson, the Farm Manager at Roseworthy will be a key player in this partnership. If the Diploma course proves successful this would hopefully strengthen the case for retaining those important farming activities at the Roseworthy campus. Bob Reid is negotiating with Adelaide University regarding students using the Diploma qualifications as a stepping stone to the BAgSc degree course in Agriculture at the university. This "Recognition of prior learning" could allow them to skip some of the subjects at the degree level if signed off by the University academic staff.

So far most of the inquiry regarding the course has come from the Mid North, with many opting for the part time option, but Bob Reid hopes Agriculture students from Urrbrae Agricultural High School may see the Roseworthy course as a pretty attractive tertiary option once they leave school; especially if they want to work in practical agriculture and "get their hands dirty".

By Alan Richardson

Our Archiving Group

Wilf Bowen and friends continue to meet at the university every Tuesday and go through the Roseworthy archives to mine our history and dig up tales of the past. Any one is welcome to join them. It is our intention to publish a lot more of this material in the electronic version of the DIGEST which is e-mailed to over six hundred members. This longer version of the newsletter may be a little indigestible and certainly more expensive to print and post.

Mark Seeliger has been going through the student cards on which the principal would write some comments on a student's progress during his time at College. Mark was astounded at some of the inappropriate comments written by Bob Herriot. Perhaps we could run a little competition by publishing some of these comments and asked members to put the name of the student he or she feels the comment belongs to. Remember all these comments were made more than thirty years ago and none of us then and especially our fearless principal had any idea of political correctness.



CAN ANYONE IDENTIFY THESE THREE PHOTO GRAPHS FROM THE ARCHIVES AND PUT NAMES TO THE FACES AND TELL WHAT THEY ARE ABOUT

1



2

3

RECORDING OUR STORIES & TRADITIONS

Although we are not yet a threatened species, I feel that as old collegians we need to record our stories and set down for posterity the origins and back ground to our long established traditions. I have been given Keith (KW) Pattinson's College Diary 1964, 1965 and 1966. This contains some real gems, such as a letter from the Housemaster regarding the water fight on 8th January 1965. The letter reads as follows:

Re: The Water fight of Friday Jan 8

- 1: *My tolerance and blind eye have been strained to the limit. I have no objections to a water fight taking place – in fact had I been consulted I would have aided and abetted the performance. However, when the event is accompanied by blasphemy and foul language at a decibel level which make it audible in my home I must rise in protest*
- 2: *Leave for 1st and 2nd year students is out of the question for the next 14 days. Please do not apply.*
- 3: *Those students of junior years not already rostered for work over the week-end will report to me at 8 a.m. on Saturday Jan 9 to be detailed for a general clean-up of the 1st and 2nd year quarters. I do not propose that the stewards should be called upon to remedy the mess you have made. An inspection will be made at 1 pm on Saturday Jan 9 and further penalties will be awarded if accommodation is not up to standard.*
- 4: *The Duty Officer has given me these names as being exempt from the above strictures:
Baker, Cooper, M Herriot*

www.adelaide.edu.au/roca/

*Liebich, Wake, Ellam, Cook
Klose.*

Picket and Piercy, both of whom were on approved leave must be exonerated although I have no doubt they would have been in it were they here.

Housemaster

Keith kept many photographs, newspaper clippings and some letters from when he was captain of the 1966 Grand Final winning football team. His farm diary notes are well written as are his notes on the various "Farm Trips". His diary will be handed over to our archiving group and stored in the University's archives.

This is an appeal to those amongst us who would like to write down any stories, incidents and anecdotes of your days at College. They will make interesting reading and it is important we record these.

The College Colours

When my mother collected my college blazer (custard coat) from John Martin's I was somewhat astounded by its colours "black and pink". Hardly agricultural, not like any other, but a bit cool for the times as they were unusual. It was not until over thirty years later that my good friend Charlie Goode told me of the origins of the colour. The black and pink represented the colours of a horse penis. I was a little shocked and somewhat incredulous that our banner's colours came from this particular part of that animal's anatomy. These were Victorian times after all and this was one of the great unmentionables of the day. What were our founding fathers thinking of, as it was certainly not on the minds of our founding mothers. Was it a joke or were they serious? Was it because the horse was king of the farm in those days before the internal combustion engine and deserved to be recognised. The alternative view could be that our founding fathers did not have such a great imagination and that these were the only colours available at the time, the rest having been taken up by the numerous football team and schools of the day. And it was only later that the furtive minds of adolescent male agricultural students made the unintended connection between these two innocuous colours and the horse's penis. After all, farming is all about fertility.

I asked this question in an e-mail I sent out last year and receive a reply on the subject by Warren Drabsch (RDA 1956)

Dear Dick,

At the last reunion, our 55th, the topic was raised and all present recognised that this is the reputed origin of the colours and evidence could be seen any time when working with the horses. I should add that when we were students, there were 40 working horses as well as many hacks. We didn't have to worry about any "Niceties" as the college was all male. Yes, it was a bit of a laugh amongst us blokes but I recall all students needed to know this and the "College song" - "We're a bunch of bastards...etc." prior to the initiation ceremony or suffer the consequences. I am sure if you contacted other graduates from our era they would confirm this story. It was the student's "Secret." Try Malcolm Dixon.

I am unaware of any recorded history on the topic but much tradition at the College would have been handed down orally.

I remember talking to a past Roseworthy collegiate who graduated in the 1890's - a Mr. Crooks - who informed me that they had female maids, cooks and cleaners and the college had a choice to either change to male orderlies or open a maternity wing! (I have been invited to his daughters' 100th birthday next week) Is this recorded anywhere?

We had various female office workers (only one at a time) who had lunch with us in the dining room.

In turn, they only came in before any other staff were present - ONCE!

Times have changed and so has the College and its traditions.

I doubt whether this has been either enlightening or helpful but it is how things were.

Regards

Warren Drabsch.

P.S. This was the 1950's, not Queen Victoria's times but not discussed in public without knowing sniggers and "Wouldn't you like to know".

W.D.

I suspect the story of the colours is an oral tradition that grew from the furtive minds of students. Mention of changing the colours was made in ROCA committee minutes from the 1930's. I wonder if any of you who read this know of any documented evidence on the subject and if you do could you let me know. (randcturnbull@tpg.com.au 0437755034)

Dick Turnbull

In Memoriam

ROCA would like to record the passing of the following members:

BICKFORD Richard Nevill Stoddart RDA 1962

WIGG, David Ross (RDA 1954)
(formerly of Unley Park SA)

David Wigg went on to study medicine (Uni Adelaide 1960 grad) and became one of the most influential radiation oncologists in Australia. His full obituary recently appeared in the Advertiser (19 March 2011 issue). The Alumni may wish to note this in University records.

TEAKLE, Ronald Edwin (RDA 1950)
(formerly of Naracoorte)

BAKER Robert Morgan (RDA 1938)

THOMAS Eric Bruce (RDA 1923)

GRAMP Morgan L

SIEBER Ernest W

Ray Beckwith - ROCA Award of Merit 2010



Ray Beckwith was awarded the Roseworthy Old Collegians Association Award of Merit for 2010 at the ROCA Annual Reunion Dinner held in October.

Ray graduated with an RDA in 1932, was taken on by Alan Hickinbotham as a cadet for 1933, where he further developed his skill and knowledge in wine chemistry and microbiology. After a short stint with Thomas Hardy Wines in the mid 1930's he worked for Penfolds until he retired in the 1970's. As wine chemist at Penfolds Wines he investigated the effect of pH on bacterial growth in wine and the use of selected pure yeast cultures during fermentation. As a result of his work and the ensuing changes in practice adopted by Penfolds and soon after by most Australian wineries, bacteria spoilage in wine dropped from around 25% to near zero. It is said that Max Schubert, the maker of Grange would hardly make a move without consulting Ray.

It took some time for the wine industry to give Ray due recognition for his pioneering work which gave the Australia wine industry the technological edge on the rest of the world. In 2003 at the age of 91 he was made a life member of Australia Wine industry and then The American Society of Oenology & Viticulture. The following year the Adelaide University Awarded him an honorary doctorate and in 2006 he was awarded the McWilliams Wines Maurice O'Shea trophy, the Australian wine industry's top award.



Call for ROCA Award of Merit Nominations for 2011

Nominations are now being invited for the 2011 ROCA Award of Merit, on the form enclosed with this Digest. ROCA awards the medal to a ROCA member who has made a meritorious contribution to any field of agricultural activity and/or ROCA community affairs. "Agricultural activity" is given the widest possible meaning and can include all aspects of animal, land and natural resource management.

All nominees must be ROCA members and nominations must be prepared and signed by two ROCA members. Nominations must be made on the Nomination Form and must include the information requested. A resume should be included, detailing the nominee's career since leaving Roseworthy, including details of major published papers, achievements, other qualifications, awards and honours received, services to industry, community, government and ROCA focusing particularly on impact and outcomes. References from colleagues familiar with the nominee's career and achievements should be included.

Nominations, with the supporting information, must reach the ROCA Secretary by 30 July 2011.

Since 1961, forty nine notable Old Collegians have been honoured by the Association. The Honour Board detailing past recipients is in the foyer of the Main Building adjacent to the Dining Room at the Roseworthy Campus. The Award of Merit is regarded as the highest honour ROCA can bestow on one of its members.

The quality of past ROCA Award of Merit recipients is illustrated by the following list:

1961 Roland Hill OBE	1978 Henry Day AO	1995 Grant Mayfield
1962 David Riceman	1979 Dr Mark Hutton	1996 Bob Knappstein
1963 Len Cook	1980 Cliff Hooper	1997 Jim Pocock
1964 W J Dawkins	1981 Andrew Michelmore	1998 Ian Young
1965 Frank Pearson	1982 Milton Spurling	1999 Don Moyle
1966 Sir Allan Callaghan	1983 Ralph Hewett Jones	2000 Grant Paech
1967 Bob Herriot OBE	1984 David Suter	2001 Brian Jefferies AM
1968 Denis Muirhead	1985 Hon Dr Bruce Eastick AM	2002 Dr Graham Mitchell AO
1969 Jack Reddin	1986 John Obst	2003 Philip Laffer
1970 Ron Badman	1987 Robin Steed	2004 John Vickery
1971 Prof Rex Butterfield	1988 Reg French	2005 Ronald Mertin AM
1972 Rex Krause	1989 Ray Norton	2006 Brian Rex Wilson
1973 Rex Kuchel	1990 Tony Summers	2007 Kenneth Wilfred (Wilf) Bowen
1974 Lex Walker	1991 Scott Dolling	2008 Philip John Young AM
1975 Ken Pike	1992 Rex Anderson	2009 Ian Hickenbotham OAM
1976 Len Laffer	1993 Bob Baker	2010 Arthur Ray Beckwith
1977 Des Habel	1994 Brian Hannaford	

Award of Merit Nomination Form

Nominees Information:

Name:	
Address:	
Phone Number:	
Period at Roseworthy:	
Qualification Gained:	

Proposed by:	Seconded by:
Name:	Name:
Address:	Address:
Phone No:	Phone No:
Period at Roseworthy:	Period at Roseworthy:
Signature:	Signature:

Please attach supporting data outlining the nominee's career since leaving Roseworthy, including details of major published papers, achievements, academic qualifications, awards & honours received and service to industry, community and ROCA. Nominators and nominee must be current ROCA members. Nominations should be sent to Roseworthy Old Collegians Association, P.O. Box 503, Kent Town SA 5071 and must be received no later than 30th July 2011.

Rules governing the ROCA Award of Merit

1. ROCA shall periodically award a medal to a ROCA member who has made a meritorious contribution to any field of agricultural activity and/or ROCA community affairs. For the purpose of these rules, "agricultural activity" shall be given the widest possible meaning and will include all aspects of animal, land and natural resource management.
2. The award shall be considered annually and if, in the opinion of the Selection Committee, there is no candidate of sufficient merit, no award shall be made.
3. All nominees must be ROCA members and nominations shall be prepared and signed by two ROCA members. Nominations must be made on the Nomination Form and must include the information required thereon.
4. Nominations should be accompanied by a resume detailing the nominee's career since leaving Roseworthy. This should also include details of major published papers, achievements, other qualifications, awards and honours received, and details of services to industry, community, government and ROCA focusing particularly on impact and outcomes. References from colleagues familiar with the nominee's career and achievements should be included.
5. Nominations with the supporting data must reach the ROCA Secretary by 30 June each year. The Executive of ROCA shall review the nominations and has the right to reject any nomination deemed unsuitable before submitting the nominations to the Selection Committee.
6. The Executive of ROCA may, at its discretion, include for consideration any candidates previously nominated.
7. The Selection Committee shall consist of five members, one from each of the following fields:

Primary production research and/or extension	Public service	Primary production
Agricultural related industry	President of ROCA	

8. The Executive of ROCA shall appoint to the Selection Committee such persons who are, in its opinion, of sufficient standing and experience to be competent to assess the merits of candidates from any field of agricultural activity. The Executive of ROCA will review membership of the Selection Committee each year.
9. The President of ROCA shall be the convener of the Selection Committee and shall have only a casting vote. Three members of the Committee will constitute a quorum.
10. In the event that a member of the Executive of ROCA or the Selection Committee is nominated for the Award, that person will stand down from all discussions and deliberations for that year.
11. The Selection Committee shall make its recommendation to the Executive of ROCA at least four weeks prior to the date of presentation of the Award.
12. Members of the Executive of ROCA and the Selection Committee are required to hold the names of all nominees in strict confidence.

ROCA Digest – electronic an hard copies

The DIGEST will be sent out in electronic form to all 600 plus members who have valid e-mail addresses lodged with us. These recipients will receive the "long version" which will contain extra material and more pictures. This version will be posted on the ROCA website which is located within the University of Adelaide website. www.adelaide.edu.au/roca/

Make sure your e-mail address is current to receive future ROCA Digests in their electronic form. To do this you have two options:

- Log in to Adelaide onLION to update your details yourself:
www.alumni.adelaide.edu.au/adelaideonlion.

or

- Send an e-mail containing your full name, address and year of graduation to:
roca@alumni.adelaide.edu.au. (the Alumni automatically forward this onto our President)

Not an Adelaide onLION member? You can request an account at:
www.adelaide.edu.au/alumni/requestanaccount/.

All members with e-mail addresses will receive their Digest and special occasional news briefs by e-mail.

For those of you without e-mail addresses registered on our membership data base you will automatically receive a hard copy of the ROCA DIGEST. Remember this will not contain the extra material of the longer electronic version.



<p>114th AGM 2011 Reunion Dinner</p> <p>Don't miss another memorable night. Bring your partner or guest</p> <p>Friday 21st October, 2011</p> <p>Glenelg Golf Club James Melrose Drive, Novar Gardens, S.A, 5040</p>	<p><u>Your 2010/2011 ROCA Committee</u></p> <p>President: Dick Turnbull Vice President: vacant Secretary: Tracy Parkes Treasurer: Dick Turnbull E.P. Rep: Mike Wake Student Rep: vacant Committee: Dale Manson – Immediate Past President Ian Rice Alan Richardson Mark Seeliger David Spencer Ray Taylor Richard Inwood Public Officer: Dick Turnbull Digest Co-ordinator: Locky McLaren</p>	<p>Will you be a ROCA Committee Member for 2011/12</p> <p>If you would like to join the ROCA Committee during this fascinating period of Roseworthy and ROCA's history, you can nominate yourself.</p> <p>ROCA needs you</p>
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An important note for you to send to ROCA if you do not have access to e-mail facilities

Dear ROCA

I do not have access to email facilities. Please continue to send a hard copy ROCA Digest to the following address:

.....
.....
.....Post Code:.....

Yours sincerely

(full name)

(year of graduation)

Mail to: Roseworthy Old Collegians Association, P.O. Box 503, Kent Town S.A. 5071

For those receiving the electronic version of the newsletter extra articles and photographs are included as an inducement for you to change (**see below**). However all the important and traditional material will be contained in the printed version as some of us prefer life in the "luddite lane".

ROCA EXTRA (for those receiving the electronic version by e-mail or going to our website www.adelaide.edu.au/roca)

Ray Beckwith – more about Ray

This year ROCA chose to award this coveted prize to a very worthy and humble recipient, Arthur Ray Beckwith. Ray is perhaps our greatest awardee, as although he will dispute this he almost single handedly brought science into the province of wine making. He is recognized to have discovered the role of acidity levels in wine spoilage and implemented the use of the pH meter to measure accurately acidity so the wine make could keep the levels sufficiently high to prevent most of the bacterial growth. He promoted the addition of tannic acid to reduce the pH of wine, experimented with selected pure yeast cultures which fermented the wine a lower temperatures to further reduce unwanted bacterial growth. These practices have become standard operating procedures in all Australian wineries and give this country the edge over the French, where wine making was still an art. Now the rest of the world has caught up and we have lost that great advantage we had for almost fifty years. Ray graduated from Roseworthy in 1932 and studies under Alan Hickinbotham the newly appointed lecturer in Physical and Chemical Sciences. Ray reckons it was Alan who suggested to him to have a look at the relationship between bacterial growth in wine and acidity levels, while he was doing a cadetship at College in 1933. At the time he was investigating the use of pure yeast cultures and found them to be superior to the wild yeasts living on all grape skins. The wild yeast gave a hot fermentation which was inductive to bacterial growth. After a short stint with Thomas Hardy wines at Mile End Ray was appointed assistant to the manager of Penfolds Nuriootpa Winery and persuaded Leslie Penfold Hyland to purchase an expensive Cambridge Instrument pH meter with the very accurate Morton glass electrode. It was Ray's methodical and systemic approach, conducting studies, carefully recording and analyzing the results that lead to the realization that high acidity (pH < 3.8) greatly reduces most bacterial growth. Penfold's immediately changed their procedures and adopted work practices that maintained high acidity levels, used sulphur to kill most of the wild yeasts and inoculated their ferments with selected pure cultures of yeast. Bacterial spoilage of wine was almost reduced overnight. Very little of this work was published in scientific journals at the time, wine makers and their managers had not heard of intellectual property and copyright. The new practices just spread by word of mouth throughout Australia and wine spoilage dropped from around 25% to almost zero. Ray just pressed on and soon after the development of atomic absorption spectrophotometry by CSIRO scientists in the 1950's Ray pioneered its use in wine making to measure copper and other elements in wine during the early 1960's.

It was not until well after his retirement that he received any real recognition for his work. In 2003 at the age of 91 he was given life membership to the Australian Wine Industry and soon after to the American Society for Oenology and Viticulture. In 2004 The University of Adelaide awarded him an honorary doctorate and in 2006 he received the McWilliams Wines Maurice O'Shea Award, Australia's highest wine award. ROCA came in a little late presenting him with our Award of Merit at the age of 98 years.

He was extremely pleased to receive the award and had an number of very kind things to say about Roseworthy and the influence it had on him in those early days and over his career. The lesson to be learnt form this is to give recognition when it is due, and no to wait until the end of a career. Ray is well and active living in modest comfort at Nuriootpa, and will be celebrating his 100th year early next year.

Climate Change and Agriculture

The following article is by **Richard Inwood** a new committee member who joined us after last year's ROCA dinner. He was partly overcome with nostalgia at the time. He is proud to say he was in the last RDA year when it changed over to an applied science degree. He has gone on to do many other things. The qualifications in his CV read as follows, MA Ag Research; BA Ag Sc; Advanced Dip Ag

www.adelaide.edu.au/roca/

Sc; Dip HR; Grad Dip Business Planning, Agricultural Research, Human Resources and Business Planning, so he is no slouch. He has a small “country estate” where he practices what he preaches, renewable energy and permaculture sustainability. He is the National Sales Development Manager for one of our leading solar energy equipment suppliers.

As part of the general debate on climate change sustainability and renewable energy, the editor has included this article by Richard, who is an enthusiastic member of our committee.

Agriculture plays a key role in Australia’s success and successfully feeds scores of millions of people around the globe. It also has a key role to play in reducing the risk of dangerous climate change.

The farming sector is amongst the most vulnerable, with many communities, particularly in southern Australia, already dealing with more intense and more frequent drought and fire. Unchecked, global warming will undo agriculture’s successes.

The Climate Institute is working with proactive members of the farming community, scientists, policy makers, agribusinesses and community leaders to look at ways agriculture can get on top of the risks posed by climate change and get ahead of the curve as the world shifts to a low-carbon economy.

On the one hand, farming landscapes are, potentially, a big carbon sink. Good farm and rangeland management can make a big difference by sequestering carbon from the air into soil, pasture and native vegetation.

On the other, agriculture is directly responsible for 15% of Australia’s national emissions load, making it the second largest emitter after energy in contributing to climate change. Add in land use, and the sector accounts for around 25% of emissions.

The challenge is to mark out a path towards a farming sector that is more productive, more resilient, more self-reliant and thoroughly climate-friendly.

What does a price on pollution mean?

Carbon price. Carbon tax. Emissions Trading Scheme (ETS). Carbon Pollution Reduction Scheme (CPRS). Even “*a great big new tax!*” You’ve probably heard all these and more in relation to reducing pollution and tackling climate change.

But what do they actually mean and why are they being talked about so much?

With this article we hope to clear up what’s actually at the crux of all the jargon and slogans around the solutions to reducing pollution and tackling climate change.

Australians want action to reduce pollution. In fact, **82% of Australians are concerned that pollution is making climate change worse, and only 8% of people think it is at safe levels for our kids.**

So how do we reduce pollution when our economy is currently so dependent on polluting ways to produce food, transport us, build our houses and make our clothes?

What's the solution? Switch to clean energy sources – such as wind, solar and geothermal power. Australia is blessed as prime real estate for such new technologies and could become a clean energy super power.

But, there's just one problem. In the current economic make up, clean technology is more expensive than old, outdated technology that creates pollution. So, from a pure economic sense, business is lacking the incentive to switch to cleaner technology.

What's the solution this time? We need to make clean energy cheaper!

If it's cheaper to produce clean energy than it is polluting energy, you can bet your bottom dollar businesses will be lining up to invest in solar, wind and geothermal projects across the country.

So how do we make clean energy cheaper than the old, pollution dependant energy we have today? Cue jargon phrases and technical terminology.

Whether it's via a carbon tax, an ETS or a CPRS, the aim is the same – make clean technology cheaper by putting a price tag on pollution.

Once we take into account the true cost of producing energy from fossil fuels such as coal – the fact that it's bad for our health, it's damaging our planet and is making climate change worse – it looks more like a rip off than a bargain.

And there's a whole lot more incentive to produce clean energy.

Governments, economists and business leaders around the globe agree that levelling the economic playing field by placing a price tag on pollution is one of the best ways to reduce pollution.

And as a bonus, it will create thousands of jobs within new industries. So, what are we waiting for? Whatever we call it, let's put a price on pollution and make clean energy cheaper!

The facts on power prices

In many parts of Australia, electricity prices have gone up in the last five years, and are forecast to go up more. What's going on?

The major reason prices are rising is that over the next five years, more than \$42 billion will be invested in new infrastructure, like poles and wires. We need new poles and wires because they're aging, and because there's a growing population and increased demand for power.

Remember, this needs to be spent whether or not we have schemes to cut pollution and support clean energy.

What impact will Australia's target for 20% renewable energy by 2020 have?

The cost of the renewable energy target averages out to around 80 cents a week per household. As we build more clean energy, economies of scale mean it will become cheaper.

If we put a price tag on pollution, what will happen to electricity prices?

First, remember power prices will go up because of spending on network infrastructure – that's the poles and wires – and this spending is locked in over the next five years.

Australia needs a price on pollution to drive the shift from a pollution dependent economy to a cleaner economy.

A price on pollution will raise electricity prices marginally, but it will also raise money which can be used for helping households and business reduce their bills by being more energy efficient.

We can decide how to spend the money raised, and we should spend some of it on compensating households – so that we're all better off with a price on pollution.

We're all in this together. Big companies should not be allowed to avoid costs while households pay.

FACT: 76% of Australians support charging businesses that pollute and protecting people who can't afford energy price increases.

You could fill a room with all the studies that say putting a price on pollution is the cheapest way to reduce it. Policies that promote energy efficiency or clean energy investment are also necessary, but climate policy without a price on pollution is like having road rules but no speed limits.

Rewarding big businesses that cut pollution, and charging those that don't, will provide incentives to shift to clean energy. It will make clean energy bigger and cheaper, and create jobs.

If we delay putting a price on pollution, what will happen to electricity prices?

They'll go up even more! Delaying a price on pollution is causing uncertainty for electricity providers, and this is increasing prices.

Why? Because the future of our electricity supply is so unclear, energy companies are proposing to build band aid solutions to meet the projected demand – inefficient power generators that are cheap to build but expensive to run. This stop-gap means prices go up, not down.

It's time we stopped propping up old technologies and delaying the inevitable. Business leaders are calling a price tag on pollution "inevitable" so the sooner we get on with it, the sooner investors will have the certainty they need.

What role can energy efficiency play?

We can easily get smarter about how we use energy, so we still get the services we need – like comfortable houses, lighting and refrigeration – but we use less energy.

The CSIRO has found that even modest improvements in energy efficiency can more than offset rising prices.

Energy efficiency can also stop, or even reverse, the rising demand which is contributing to price hikes.

For many households and businesses, saving energy can actually be profitable, meaning they save more money than they spend on efficiency measures.

FACT: Detailed research by Climateworks shows households and businesses can save \$5 billion by 2020 – just by being more efficient!

Despite the cost of living concerns, do people still want action?

Australians overwhelmingly support taking action to reduce pollution and move to cleaner energy sources – even people who describe themselves as being under financial pressure.

A poll of 2000 people from midyear found that Australians can also spot a scare campaign when they see one.

FACT: 70% of people agree that business lobby groups “run scare campaigns on jobs and electricity prices to protect their members from paying for the pollution they create.”

Next issue

This will include an article on the Tassie Library and what ROCA should be doing for the lead up to the centenary of the Great War, the Gallipoli landing and the battles on the Western Front which saw 227 old collegians volunteer for the AIF , 41 loose their lives, including John Tassie who was killed on 25th April 1918.

**Tassie Library
March 2011**

