



RADFORD COLLEGE

Radford Report 2018

Volume 33 | No 2



Truth
Compassion
Wisdom

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Term dates 2019

Term 1	Wednesday 6 February to Friday 12 April 2019
Term 2	Monday 29 April to Thursday 27 June 2019
Term 3	Monday 22 July to Friday 27 September 2019
Term 4	Monday 14 October to Tuesday 10 December 2019

Please consult both the Bulletin and College calendars for dates specific to particular year groups; e.g. Year 12 students.

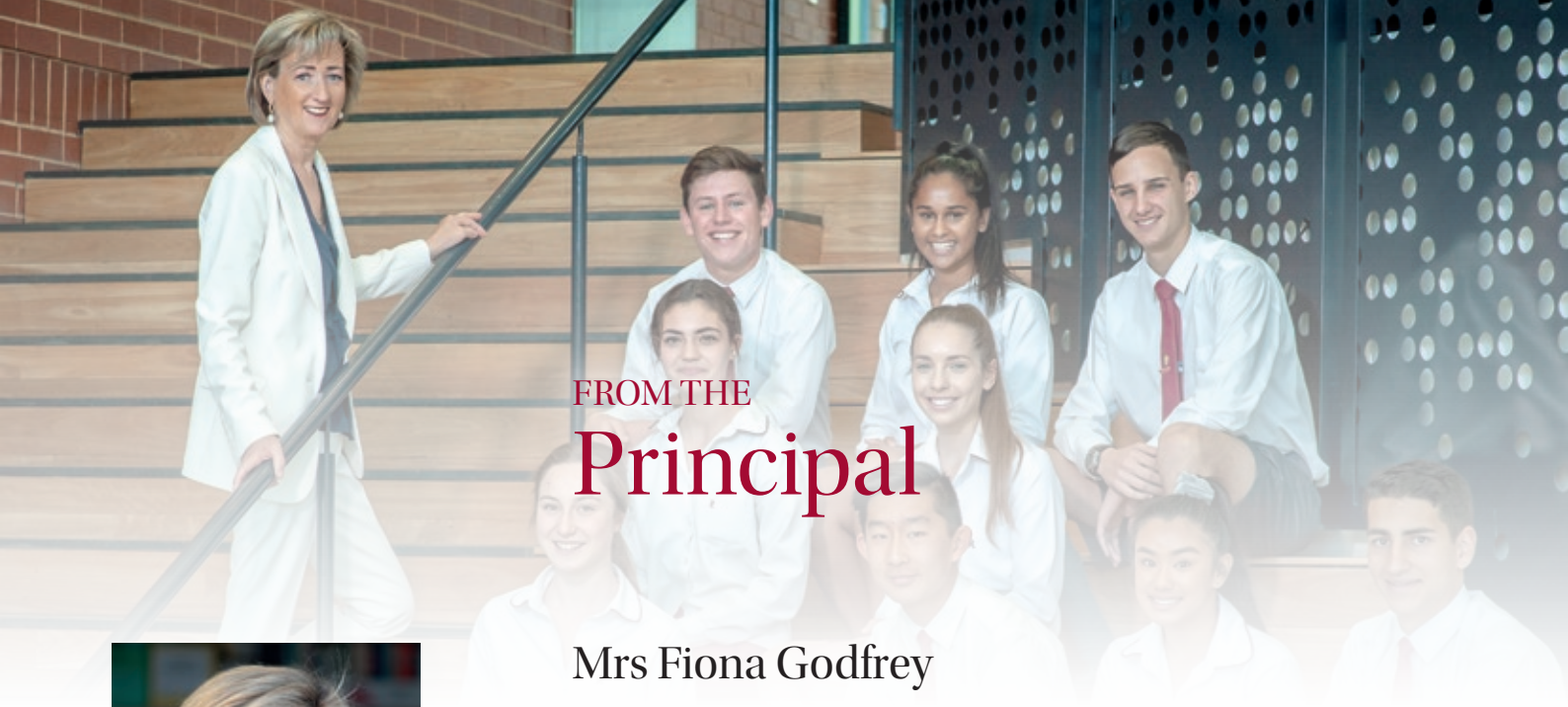


RADFORD COLLEGE

1 College Street,
Bruce ACT 2617
P 02 6162 6200
F 02 6162 6263
www.radford.act.edu.au



Editorial team: Mick Bunworth, Celia Lindsay, Justine Molony
Cover: Radford's Nikki Rossendell meets some of the children from the coffee-growing community Lissa Veu, in the mountains behind Maubara in north central Timor-Leste. Photo: Anastassia Levics
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FROM THE Principal

Mrs Fiona Godfrey



There is no doubt about the difference between a school such as Radford and the type of school I attended in the 1960s and 1970s. Class sizes are smaller, pedagogy focuses on research and enquiry rather than rote learning, technology is integral to every lesson, and classroom layout encourages collaboration and multi-modal engagement.

Contemporary schools also offer more opportunities outside of the classroom, and this is one of Radford's strengths. At a recent Education and Wellbeing Committee meeting, members of the Board and parents heard from staff about the College's extensive range of co- and extra-curricular offerings, which include sport, music, performing arts, oratory, chess, clubs, Duke of Edinburgh, service learning, outdoor education and Round Square.

Round Square Coordinator Kath Notley's presentation on the opportunities provided through the program highlighted the service and environmental initiatives on which the students have been working, the local and international conferences they have attended and the extraordinary exchange programs in which they have participated.

As a result of our membership of Round Square, individuals and small groups of students have travelled to schools within Australia and around the world. Radford students in Years 6 and 8 have visited and hosted students from Scotch Oakburn, Launceston; Woodleigh School, Ivanhoe Grammar and Billanook College in Melbourne; Ballarat Grammar; St Phillip's College in Alice Springs; and Trinity Grammar School in Cairns. Students in Years 10 and 11 have the opportunity to be involved in international programs, and exchanges have taken place with Herlufsholm Skole in Denmark; Kings Academy, Jordan; UWCSEA, Singapore; Markham College, Peru; Roedean, South Africa; Felsted School, United Kingdom; and Le Salesien, in Canada. These exchanges have varied in length from one week in Year 6 to up to eight weeks in Years 10 and 11.

This year's inaugural Global Exchange Program teamed students from Year 9 with Round Square school Stanford Lake College, located a four-hour drive north-west of Johannesburg in South Africa. At the beginning of Term 3, 12 students and a teacher from Stanford Lake arrived in Canberra to start their five-week placement at Radford. The visitors attended classes and were involved in a variety of excursions and activities, including a weekend in Sydney, a day skiing at Thredbo, and visits to many of the Canberra attractions.

The Radford exchange to Stanford Lake followed a similar pattern with Radford students also attending classes at Stanford Lake, training and playing in their sporting teams and participating in a week-long outdoor education trek with other students from the school. A visit to Kruger National Park, two wildlife rehabilitation centres and involvement in a rhino-chipping exercise were memorable experiences.

The students who have participated in these various exchanges have consistently noted that they gained a great deal from them. Not only have they experienced firsthand how other people their own age live, being pushed out of their comfort zone, feeling homesick and being tested in unfamiliar circumstances are opportunities to develop resilience. These are invaluable experiences and, in the coming years, we will continue to further develop our exchange programs.

FROM THE Chairman



Mr Steve Baker

A pledge of good governance

This year, many of us have followed with interest the Royal Commission into Misconduct in the Banking, Superannuation and Financial Services Industry. The Commission's hearings have highlighted some salient questions around institutional governance in Australia.

It has been timely for all Boards, including ours, to review their own governance and ask if it is delivering best practice and alignment with key stakeholders, which in our case includes our community members and the Canberra and Goulburn Diocese. At the Radford College Board and the Senior Executive Retreat earlier in the year, we focused on all aspects of our governance standards and principles. We were also joined by representatives of the Diocese to present to us around the structure and operations as well as the current strategy and future direction of the Diocese.

You may already know that Radford College is a separately incorporated Anglican school within the Diocese of Canberra and Goulburn and, as such, there are a number of direct Bishop-in-Council appointments to the Board. These appointments, including my role as Chairman, the Deputy Chair position and the majority of Board positions, are in fact made by Bishop-in-Council on behalf of the Diocese.

At the retreat the Directors talked about our culture, tracking the effectiveness of the Board and ensuring the ongoing relationship with the Diocese remains healthy and robust. Discussion focused on the composition, skills, purpose and strategy, and performance and effectiveness of the Board, as well as the documents and framework that guide its governance.

We are taking an active part in striving for the ongoing success of Radford.

These high-level strategic factors are increasingly important during times of change. In the past 12 months, the Board has seen several new appointments, including me as Chair, a new Deputy Chair, several new Board Members and a renewal of the Principal's contract for another five years.

In 2018, it has become evident to the Radford College Board that, based on a sound culture and defined actions, it is up to us to provide our community with the confidence that we are taking an active part in striving for the ongoing success of Radford. A terrific way of articulating this came from Elizabeth Jameson of 'Board Matters', our facilitator who defined a pledge of good governance as:

- The board is cultural custodian
- The board is custodian of school success
- The board evaluates school and cultural success
- The board's role and responsibilities are clear
- Board members take their responsibilities seriously
- The principal is held to account
- The chair is held to account
- Board composition is driven by the ideals of school success.

It is your Board's pledge to ensure that Radford College continues to operate at the highest level of governance possible.



RadPAN and RadPAC showcase Radford's performing arts talent

The annual RadPAN evening of variety acts gives secondary students the opportunity to display talents and stagecraft outside the usual co-curricular groups and activities. RadPAC presents each House with the challenge of performing an allocated song and the points awarded count towards the House Competition.

The theme for RadPAC 2018 was 'For the joy of it'. As the photos on this page show, there was no shortage of joy and playfulness during both RadPAN and RadPAC. These events benefit from the skilled work of the Technical Crew, which ensures a high standard of sound, lighting and stage management.



Dirrum: a personal reflection

Isla Baird

Year 12

Isla Baird's experience as part of the organising team for the 2018 Dirrum Festival was transformative, as the following reflection makes clear.

The day ran very successfully. The speakers were some of the most beautiful people I have ever met. Being backstage, as the last person these people saw before they walked out to present to 250+ people, I feel like I saw the raw, open side of each of them.

Gillian Triggs was an incredibly kind soul, who was eager to hear the stories of others, as well as to be part of the event as a whole. Emma Adams and Kirsty Windeyer are the most real humans, with the most incredible stories. Emma and her 16 push-ups to get the blood flowing before she went on, and Kirsty sharing that she too leaves everything until the last minute, were big highlights for me. I feel so privileged to have met and worked with Ellen Jacobsen and Bridget Chivers: as they are real people with the most incredible stories and backgrounds, but they are still so authentic. Steph Gabriel has a heart of gold. Matthew Stocks' talk and his vast scientific knowledge shake down to an oddly unscientific end: the desire and will of people. Peter Greste and Denis Ginnivan had the calmest, most comforting personalities I've ever been around.

I was asked many times if I was okay, and if I was stressed, and I can honestly say about Dirrum 'NO', because I trusted the people around me, and felt love and utmost respect from the speakers, and I know that during those final hours we were just bringing a year's worth of work and planning together.

Dirrum for me has been so much more than those six hours. It's been a big journey, one of both learning and teaching. It's been something that I feel my 13 years of schooling has prepared me for. I have used skills I never thought would apply to the outside world. It has helped me realise not only my strengths and weaknesses, but it helped me discover more of who I am as a person.

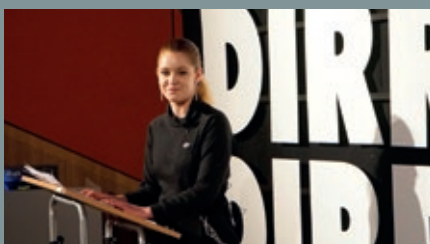
I have the utmost respect for all those who make Dirrum possible every year. Our job was made easy by the leadership of years past. To this year's core group – Annie, Lydia, Niamh and Hugo, thank you. Thank you for not only the amazing skills and knowledge that each of you have put in, but for the love and passion that makes the work roll. There is a fabulous wider group of wonderful peers who all worked amazingly to pull this off. Many invested huge numbers of hours of thought and work.

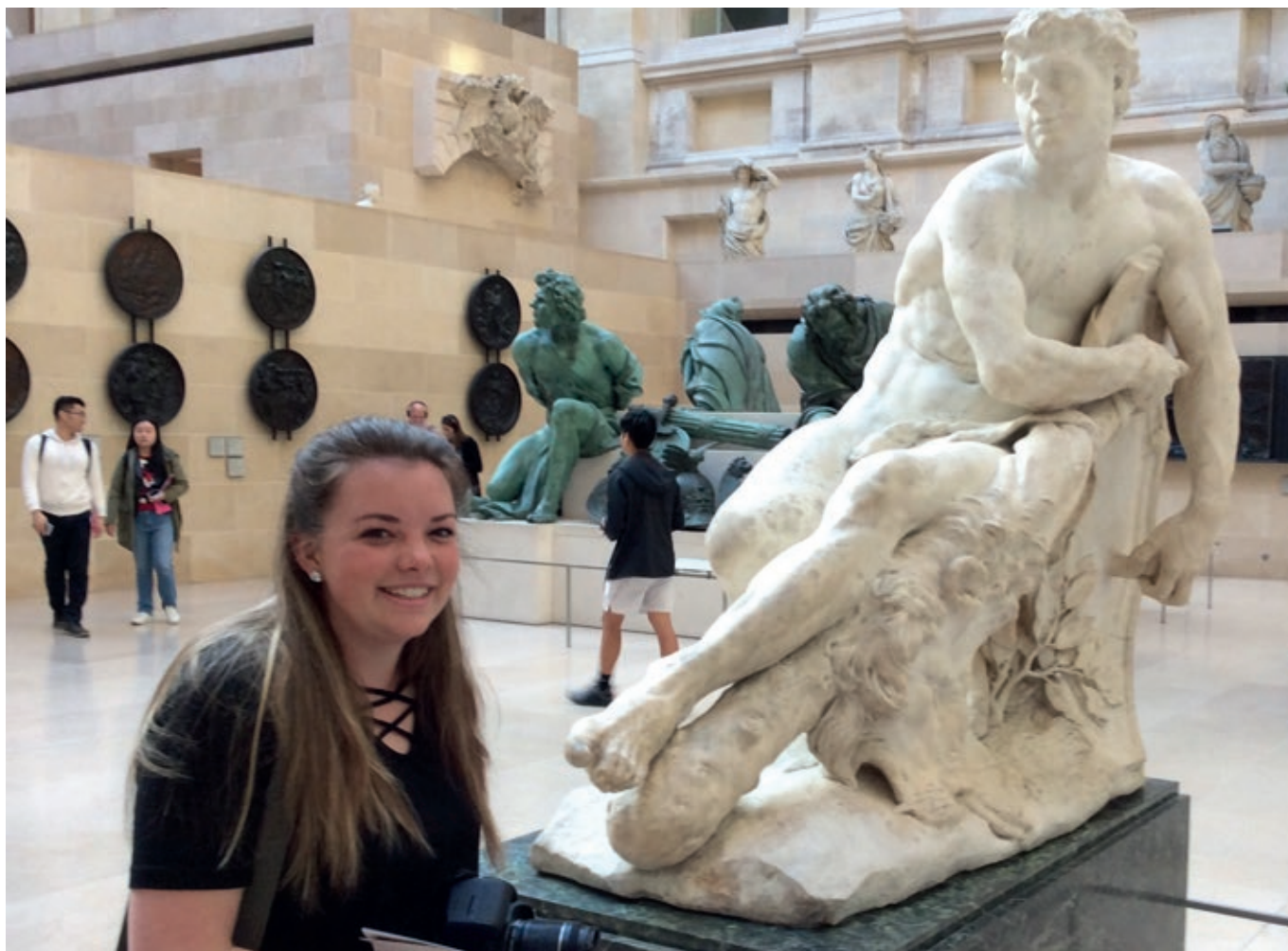
I would really like to thank Father Richard for his ongoing support and guidance, and for being the soul of Dirrum.

In the end though, it is not just six hours one Saturday. It's more a movement than an event. As Fr Richard said in closing: the measure of the Festival's success is 'not so much what you have heard and seen, but what you do with what you have heard. It is about how we all live for a good that is bigger than our own.'

Finally, just a massive thank you to everyone who touched the event in any way. Along with our incredible team, I cannot wait to pass down knowledge and passion to next year's organising committee.







French Study Tour

Adele Beaumont

Year 10

While we were in France, we had the amazing opportunity to stay with a host family in the town of Angers. During this time we spent the nights and weekends with a hospitable French family, while spending the days in the Lycee David D'Angers, a nearby French school. This stay provided us with plenty of opportunities to practice our French skills and grow closer to the French way of living.

Initially we spent a weekend with our families after arriving on a Friday, and shared various adventures in and out of Angers. When we arrived back at school on Monday, we were faced with the inevitability of spending the next week at the French school, engaging in every lesson despite our initial lack of understanding. Throughout this week we saw our skills with the language skyrocket as we attempted to navigate the foreign language with trepidation, yet gained all the more for it. We sat in History, Science, French, Economics and English classes, each one presenting a new linguistic challenge that we had not experienced before. Our language skills continued to be tested at home, too, where our host families conversed with us in French, no matter how tired we were!

In addition to this unique experience, we also had the opportunity to visit some of France's most famous places of interest. A few days in Paris were of course, 'de rigueur' and we managed to pack in every famous tourist site we could think of! We took a more leisurely approach to visiting other places such as the Chateau de Chenonceau, the Gallerie des Beaux Arts, the Tapisserie D'Apocalypse, the Bayeux tapestry and Monet's house and gardens. These visits provided interesting experiences that allowed us to learn about the history and culture of France.

Overall the stay in Angers was an incredible experience that helped us gain vital French conversational skills that made this trip all the more worthwhile!



Year 9/10 Cambodia Tour

Mathilde Stanier
Year 10

In July, a group of 11 students and two teachers, Ms Goddard and Ms Wilson, travelled to Cambodia on a service trip. We flew into Phnom Penh, Cambodia's capital, early in the morning of 7 July, where we were greeted by our friendly guides Carly, Sothea and Rohini.

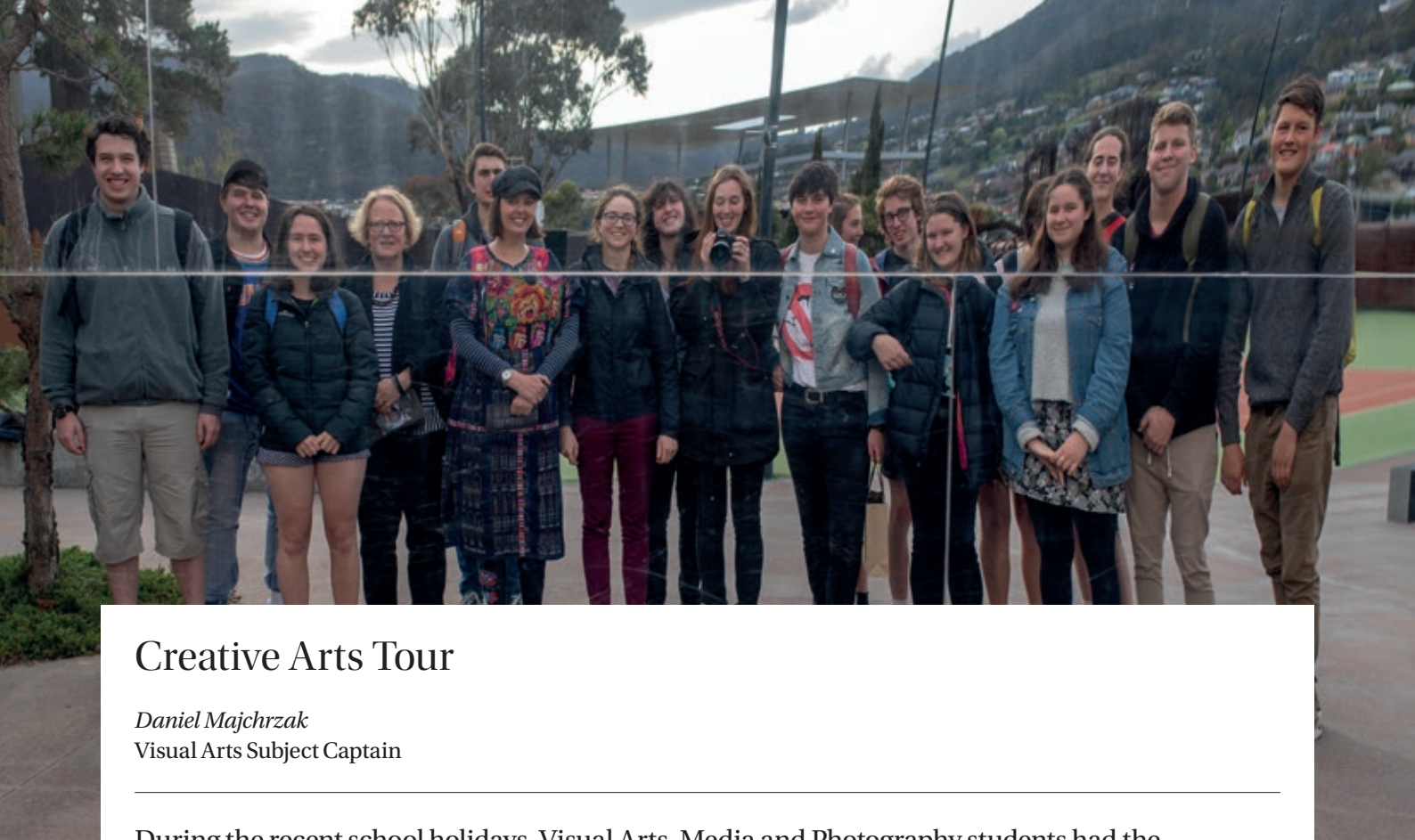
In Phnom Penh we were instantly struck by the sheer difference in culture; from the mad driving to the poverty and the traditional cuisine of tarantula. Over the next eight days we travelled from Phnom Penh upwards to our base house in Kampong Cham, before ending our trip in Siem Reap.

We visited the Killing Fields where we were given intimate, firsthand accounts of the atrocities of the Cambodian genocide, which saw three million people killed by the Khmer Rouge. For many, the highlight of the trip was spending three days in a remote village building a wall around the local school.

Here we learned about the Cambodian education system and, despite the language barrier, formed close connections with the kids. We ended the trip in Siem Reap exploring Angkor Wat and the ancient Khmer Empire, as well as watching Phare, a Cambodian circus.

It was a very rewarding experience which had a profound impact on everyone involved. Although I don't think I'll be trying tarantulas again anytime soon!





Creative Arts Tour

Daniel Majchrzak
Visual Arts Subject Captain

During the recent school holidays, Visual Arts, Media and Photography students had the opportunity to participate in the Australian Creative Arts Tour, with the goal of expanding their understanding of the role of contemporary art in Australia.

- Over the course of six days, students explored the unique artistic landscape of both Melbourne and Hobart, accompanied by Ms Poland and Ms Kidston. Highlights of the trip included:
- the MOMA exhibition in partnership with The Museum of Modern Art, New York, at the National Gallery of Victoria
 - the Featherston Exhibition at Heide Museum of Modern Art
 - an incredible daytrip via ferry to the Museum of Old and New Art in Hobart.

All this, and much more, drew students into a better understanding of Australia’s place in the contemporary art world.

Throughout the trip, students explored a number of nuanced themes through art. This pushed each student to reflect on the value of art in society, and the ability of art to both reflect and influence global identity. This reflection is particularly important given that both Photography and Visual Art students were in the middle of a unit on contemporary art. The trip has the potential to inspire future work and give students insight into diverse themes when viewing contemporary art.





Round Square Conference, Canada

Christina Gao

Year 10

In a world filled with information white noise, how does one remain an individual?

The theme of the 2018 Round Square International Conference was 'Bring your difference' and, with over 600 students coming from 40 countries, this theme was certainly brought to life!

Before commencing the main conference, we were hosted by The Athenian School in San Francisco for a pre-conference. Here, we joined six other schools and visited a variety of memorable sites and locations, such as Alcatraz, the Golden Gate Bridge and Muir Woods – one of the world's largest redwood forests. We also participated in service activities at Glide and St Anthony's, serving the homeless in various ways. Seeing the people and hearing their stories was truly a humbling and unforgettable experience.

The official conference was held at Appleby College, Oakville, Canada, and was an amazing experience. After the official opening ceremony, we travelled to Muskoka Woods, where we commenced our various activities.

From bridge-building to NASCAR Pit Stop challenges, we were exposed to a wide variety of situations and scenarios, all designed to test us and teach us valuable skills about the Round Square IDEALS (internationalism, democracy, environmentalism, adventure, leadership and service). We heard from keynote speakers who shared their stories and perspectives, and had the opportunity to experience a wide range of cultures firsthand on cultural evening.

In addition to that, we were given many opportunities to talk and develop lasting friendships with the other delegates, a chance we certainly were delighted to take! Regardless of culture, ethnicity or religion, we were able to bond over common interests and the ideas presented throughout the conference, making conversations interesting and long-lasting. This was certainly the experience of a lifetime, and an incredible opportunity we'd like to participate in time and time again.



Art illuminated

Joel Cooper

Year 11, Photography Captain

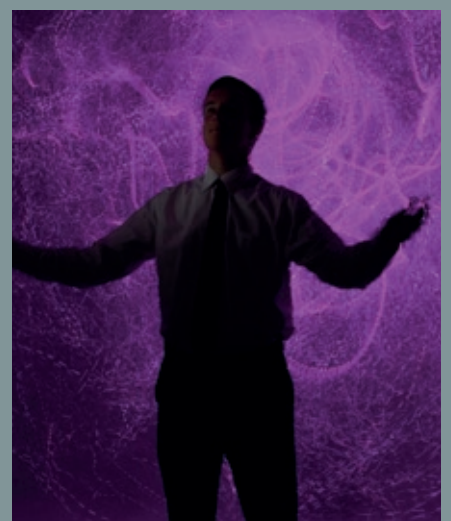
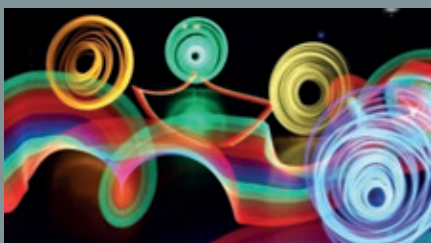
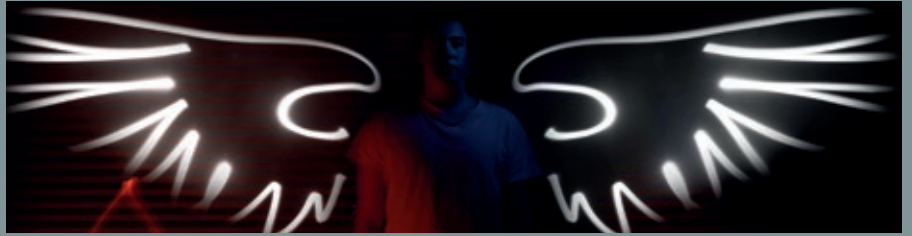
The Year 11 and 12 Photography and Visual Arts students had the pleasure of learning from the Sydney-based artist-photographer Peter Solness.

Over a couple of days, Peter told us about his successful and long career, how light painting is the style of photography that he fell in love with and expertly initiated us into the techniques he uses to create his amazing work. We were all very impressed with his photographs, and the ones that we created in the practical workshops he presented. Our plan to go up Gossan Hill with Peter on the night of Friday 3 August to undertake light painting in the bush was thwarted by wet and windy weather. We resorted instead to Plan B, which was to work in TB Millar Hall, armed with every light tool imaginable, from small torches to a rainbow LED hoop and the amazing

pixel stick. This community light-painting event brought together over 30 photographers, light painters/swirlers and spectators. We experimented with the lights and worked to refine the light-painting techniques that we learnt in class. Once again, we were amazed with the results, as was Peter: 'I was thrilled with how the evening went. Everyone seemed to be so enthusiastic. It was a case of Lights! Cameras! Action! The results were really fantastic'.

Our experience learning from Peter was greatly appreciated by us all. We have been inspired to continue light painting and working to improve our mastery of this unique and challenging art from.





Junior School continues its Book Week tradition

The annual Book Week Character Parade on 23 August was bigger and better than ever. Moving the event to the G Wigg Sports Centre allowed the nearly 650 book characters plenty of room to see and be seen and share their interpretation of some favourite characters. Parents and carers took advantage of the parade to

document their handiwork, which was impressive as ever. Without their support for this gala day, the costumes could never so accurately reflect our children's love of for stories.

... But who is that creature with terrible claws, and terrible teeth in his terrible jaws? Oh help! Oh no! It's the Gruffalo ...





Year Six PYP Exhibition

The annual IB Primary Years Programme Exhibition is the culmination of the Year 6 learning journey in the Junior School.

**There is no
Life I know
To compare with
Pure imagination**
(*Pure imagination*, Josh Groban)

The Exhibition requires students to demonstrate five essential elements – knowledge, concepts, skills, attitudes and action – and to work collaboratively to solve problems and creatively complete tasks under limited supervision. The 2018 transdisciplinary theme ‘How We Express Ourselves’ inspired the students to explore the overarching concept of *Imagination* and the

central idea that ‘Imagination is more important than knowledge’. Their response? Radford Year 6 students believe imagination and knowledge are both equally important and having a healthy balance of each leads to a cycle of innovation, growth and development of ideas. These images make it clear that the Year 6 Exhibition was a compelling expression of that conclusion.



Timor-Leste 2018

Father Richard Browning
Chaplain

In the following edited extract of an article published in *ASA News*, the magazine of Anglican Schools Australia, Chaplain Richard Browning reflects on and celebrates the relationships formed between Radford College and the community of Timor-Leste during the past 10 years.

How did you first connect with the people of Timor Leste?

In 2008 we asked the students of the secondary campus: If Radford was to begin a partnership with a community overseas, where should it be? The students advocated for different proposals and the debate was extremely robust, intelligent, articulate. In the end, the students arrived at the following: Why don't we stand with our closest, poorest neighbor, Dili? It was as simple as that. And every year we have gone has affirmed how sound was that first decision.

Do you remember that first trip? What you were all expecting? What did you all find?

In 2009 there were hundreds of UN personnel on the ground in Timor and thousands of internally displaced persons from the 2006 troubles. I travelled with an amazing colleague, Tina Crane, and 14 very capable students. The first time Tina or I put a foot on the ground in Timor was behind the students who got off the plane first! Our whole risk-management plan shook down to one remarkable woman: Maria Neves. She was our host, guide, translator, cultural bridge and became our friend, mentor, advocate and counterpoint.

That first trip was one of constant rebirthing. Every day and almost every corner, brought an experience, an

encounter, a friendship that, quite literally blew what we knew right out of the water. What did we find? A reason for Radford to return every year with wide-eyed, open students.

Note, it is much harder to return home and be confronted with our waste, our luxury, our excesses, our devotion to pixels, our inattention to each other and what really matters. And it takes years to live into that final question.

Many students have asked the question 'What actually were we doing there?' Do they always find the answers to questions like these?

That students often ask this question is an indication that we are doing something right. One of our guiding questions is 'how can you give power to the powerless without diminishing, patronising or dehumanising the other?' Of course, education bestows power that allows the 'other' to lift themselves up. Working this out is one of the most wonderful things a travelling Radford student can gain because it sets themselves up for a lifetime of engaging, working and walking alongside.

The work of 'resolution' is not so easy. Poverty truly sucks. The trauma of violence runs deep and can pass across generations. If the experience is real, then there is nothing that can easily be resolved. True resolution only comes

with a longer period of living face forward to the recently made Timorese friends and living in a way that honours the encounter and is intentional about who we walk with and how.

What is the key question and the key lesson you've brought away from 10 years of returning to Timor-Leste?

The experience leads us back to two questions, but now with renewed insight: Who am I? How am I to live out my life with meaning, and with whom? Early in my experiences of Timor, I came to the conclusion that every virtue, including compassion, has the potential to cause harm. This inspired a very simple phrase that, from early on, has been the guiding mantra for our friendships in Timor-Leste: never to not for but with.

From the Timorese I have learnt incalculable lessons. I do not place the Timorese on a pedestal. Like here in Australia, corruption and nepotism are real problems and their economy is fragile. However, I am not the only one to see in the Timorese an intelligence that the world would do well to witness and copy. It is acted out in so many simple ways, but simply put, for 'us' to prosper, all have to prosper, even former enemies. This is an extraordinary transformative principle with the power to heal peoples and nations.



Semester 2 in Focus

Sustainable marketing

September's Year 7 Market Day was influenced by ideas of sustainability, recycling and ethically sourced materials. This presented a challenge to our student designers, producers and retailers, one that they rose to admirably. Offering customers a variety of craft, games, food and drink stalls, the Secondary School was fed, watered and entertained by an extraordinary group of 21st-century entrepreneurs. If the crowds, and final profit of \$3,662.30 (to be donated to charity) are anything to go by, our future shopping pleasure is in good hands.



Jazz Café

Tickets to the annual Jazz Café are always a hot item, selling out quickly to an audience of returning devotees and lucky first-timers. Four jazz ensembles – Diz Jazz, Bird Jazz, Little Big Band and Big Band – thrilled the crowd with their mastery of their instruments and the subtleties of ensemble playing. A highlight of the August evening was the contribution of guest artist and one of Australia's leading jazz bassists Brendan Clarke, performing with his trio. The skill of the professionals melded with the enthusiasm of their young co-musicians to create a classy jazz ambience.



Radford Tribal Council

In 2018, the Radford Tribal Council (RTC) was busy arranging a Walk-a-thon for South Sudan, making a donation to the people of Kerala, successfully petitioning the canteen for a ban on single-use plastic straws, donating fivers for farmers and, most recently, supporting Belconnen Community Centre's Christmas Appeal. In November, the RTC took a trip to the Belconnen Mall to shop for gifts for people who would not otherwise receive Christmas cheer in the form of a wrapped present. As one of the RTC's most joyful activities, this year's council was thrilled with the results of their expedition.

ACT Constitutional Convention



Year 11 Students Nikita Chandekar, Lauren Nicholson and Elise Northcote spent an enlightening two days at the ACT Constitutional Convention in July. Alive with debates and provocative speakers, the convention's theme on parliament's legislative powers over the environment was the prompt for wide-ranging argument. Meeting like-minded students from around the territory, testing firmly held convictions and working together to identify alternatives to standard behaviours was a highlight of the event.



Book Buddies

Year 5 students are delightful partners to their PK buddies and their special friendships with some of Radford's smallest students resulted in a happy period of sharing their love of stories. A Term 3 project for 5T Mi involved creating picture-books to road-test on a willing PK audience. Each unique book had something of its creator's personality in the story and pictures, which included collages and drawings in bright and bold colours. The enthusiastic PK participants gave great encouragement to the budding authors and illustrators.



Dancefest

Having rehearsed weekly since the beginning of Term 2, the more than 80 students participating in Dancefest were well prepared to present high-energy performances related to the festival's theme 'Make Your Mark'. Working in 7/8, 9/10 and 11/12 year groups, student choreographers devised pieces that expressed a passion for dance. The performances were marked by the thoughtful approach each group took to the theme and the striking costumes and polished team work made for a thrilling night out at the Canberra Theatre.



Lest we Forget

Radford commemorated the 100th anniversary of the cessation of First World War hostilities with a ceremony witnessed by the Secondary School. Staff and students observed a minute's silence, punctuated only by the call of a magpie, in the clear air of a magnificent spring morning, and reflected on the loss and sorrow wrought by war. Canberra's tranquil beauty was in stark contrast with the experience of the men of John McCrae's *In Flanders Fields*, who so briefly 'lived, felt dawn, saw sunset glow'.



Star laws

Year 12 Legal Studies students boldly went where few lawyers have gone before by extending their Semester 2 international law unit into the extraterrestrial zone. Beginning with a virtual reality taste of life on an international space station and a flight through the local astral region, the students then participated in a two-hour workshop presented by collegian Andrew Ray on the controversial issue of mining on the moon and other celestial bodies. Grappling with the legal, economic and moral complexities of the 'New Space Race' was a stimulating extension of the concept of international law.

Science scholars

Semester 2 was notable for scientific success arising from student participation in the SEA*ACT Science and Engineering Fair and the World Scholars Cup. Projects on topics as diverse as the elasticity of rubber bands at different temperatures and the effect of caffeine were recognised at the SEA fair, with Toby Lang's contribution on the compression strength of wet sand winning the Secondary Earth & Space category. For the World Scholars Cup at Canberra Grammar School, a group of students spent a weekend immersed in competitive science alongside 80 students from the ACT. Their gift for scientific thought was challenged in creative and collaborative ways and all Radford participants were rewarded with at least one medal.



Semester 2 in Focus



Magical mystery tour

The annual Year 7 Mystery Tour is always greeted with a high level of anticipation as students are transported by bus to three out of four possible unknown locations to find inspiration for their narrative writing tasks. The August 2018 version was notable for the inclusion of an abandoned building in the Anzac Park Triangle. Neglected and damaged, with its façade marked by boarded-up and broken windows, the students were intrigued by the possible causes for this urban decay. The old Weetangera Cemetery also inspired emotions and ideas to fuel the writing of evocative and imaginative fiction.



Music performance

Performance is an essential part of Radford's co-curricular Music program and opportunities to perform on and off campus are regularly provided to students throughout the Junior and Secondary schools. In a variety of combinations and styles, Radford's musicians perform for family and friends – most recently, for example, at the Winter Concert, Jazz Café and Radford Rocks – and at local and national events and eisteddfods. The Junior School String Trio played at the National Museum of Australia for the launch of Children's Week on 24 October. Their contribution was a charming musical accompaniment to a ceremony celebrating the talents, skills and abilities of children.



Elemental dance

The Radford Dance Academy Showcase 'Elements' 2018, held in mid-November, was a spectacular evening of entertainment. Students from Pre K to Year 12 wowed the crowd with their talent at Llewellyn Hall.



Goggles and gloves

Science at Radford got a quirky makeover in August during Science Week, with staff pulling out their best tricks (knowledge) to amaze and entertain students. The wonders of the natural and chemical world were exploded, stretched, wafted and set on fire in a series of astonishing displays. White coats and safety goggles and gloves were mandatory as the Secondary School came to a fiery grip with science as the business of game changers and change makers. The week was marked by a series of competitions, seminars, workshops and a session for Year 7 with Dr Karl Kruszelnicki in which the students participated enthusiastically.



Year 3 camp

Outdoor Education is an ongoing priority at Radford and the Semester 2 program was particularly full with students from Years 3, 5, 9 and 10 departing on camps of different durations. The Year 3 camp is the foundation Outdoor Education program and the single night the group spends at Camp Cottermouth is a gentle introduction to what becomes a more rigorous and demanding experience in secondary school. A visit from Principal Fiona Godfrey was only one Year 3 highlight in a schedule that included bike-riding, spotting local creepies and crawlies and cubby-building. There's no doubt the smallest campers will look forward to their next Outdoor Education adventure.

Language awards

Mia de Bortoli and Sophie Genn were the proud and deserving recipients of awards from The Australia China Friendship Society for their achievements in Mandarin. The ceremony took place at the Embassy of the People's Republic of China in Canberra in September and included the telling of traditional Chinese stories and a performance of Chinese opera singing. September is the season of the Chinese Mid-Autumn Festival and guests were treated to a delicious Chinese lunch finished off with exquisite mooncakes.



Drama in lights

The young performers involved in August's Y7-8 Drama production *Stories in the Dark* met the challenge of an ensemble performance with courage and enthusiasm. Each cast member played a variety of roles and handled quick changes of costume and character to move through magical and realistic worlds. An atmospheric set and expert lighting supported the cast in telling a story of equal parts hope, horror and humour, leading their audience into a shifting, shimmering world of ogres, princes, singing bones and wolf-mothers.

Year 9 camp

As George Huitker noted in H4History #29, the Year 9 camp experience has attained legendary status amongst students past and present. In 2018 the five-day program was set in the rugged beauty of Morton National Park in Kangaroo Valley. Students were exposed to a back-to-basics adventure, camping in tents and carrying all their gear in backpacks, and spending their days abseiling, canoeing, and bushwalking. As in the past, Year 9 returned astonished at their resilience, independence and ability to survive without devices. We wait with interest to hear their own Year 9 Camp mythology at their 30-year reunion in 2048.



Senior artists

The Creative Arts Senior Exhibition 2018 (CASE2018) showcased a selection of almost 200 works, from installations to film and photography. The many students, staff, family and friends at the opening were delighted with the quality and diversity of works on display and the evident skill of the artists. Congratulations to Amanda Poland and Tim Minehan for nurturing such passionate engagement in the subjects of Media, Photography and Visual Arts.





Reverend Tim Costello is one of Australia's most respected community leaders and a sought-after voice on social justice issues, leadership and ethics. In his current role as World Vision Australia's Chief Advocate, Tim continues to place the challenges of global poverty on the national agenda. Concurrently in 2018, Tim is the Executive Director of Micah Australia.

In his presentation to the Radford Institute, Tim confirmed that secondary education is an elusive ambition for millions of children and encouraged his audience to take up the challenge of achieving universal education.

See the facing page for a summation of the Gamilaraay Service Learning program – Radford College's active response to increasing student and community awareness of the educational disadvantage faced by Indigenous and non-Indigenous Australian children living in remote communities.

Radford Institute Presents

Education: the critical investment

I believe education is the critical investment we can make in reducing gender inequality and global poverty and in fostering peace in our world.

Education makes a lasting difference in children's lives.

More than 260 million children worldwide are out of school, and the World Bank recently warned that more than half of those in schools are not learning properly.

Secondary education still remains out of reach for millions of children.

Globally, only 83 per cent of the children who go to school at all complete primary school, and just 45 per cent of students aged 15 to 17 will finish secondary school.

Despite a universal pledge to ensure free primary and secondary education by 2030, the cost of food, clothing, stationery and books means families are often unable to afford to send their children to school even if tuition is free.

The children who would most benefit from an education are often those most denied it through no fault of their own. They just happen to have been born in a developing nation.

How can we say to one child, 'By virtue of your genes and where you were born, you have access to a good education', and to another child 'Because of your circumstances of birth, you cannot be educated'. Yet that is the reality.

The role that schools such as Radford have in encouraging empathy is so important.

When we let our hearts be touched, we discover our prime purpose.

The good news is that many young people and their schools today are leading the way when it comes to making the world a better place.

More children are sponsoring children in developing nations and raising money to build schools in war-torn and disaster-prone nations. At home they are increasingly standing up for the disadvantaged through student-run projects.

There is no doubt that we are seeing an increased emphasis on teaching young people about social justice issues at home and overseas.

This is the power of education.

I have great hope in this generation. They can look at the injustice in the world and ask the question: Why are things like this and what can I do about it?

They should never stop asking that question. To the young people here today I say be curious and learn as much as you can about people and the world. Challenge and question the way things are. And know that you have the potential to be a game changer.



Gamilaraay and the power of empathy

Gamilaraay, or 'G Trips' involve students spending a week in rural and at times isolated regions of northern New South Wales. The students work for five days in a primary or preschool with Indigenous and non-Indigenous students, experiencing daily life in a country setting and learning from the staff and students. Radford students have recently visited Minimbah Preschool and Primary, Kiah Preschool, Moree East Public School and Tingha Public School. While at these wonderful schools, Radford students spend some of their time acting as a teacher's assistant and helping the students develop their reading, writing and numeracy (identified as a goal in the *Closing The Gap* report).

Students don't restrict their work to the classroom, as they willingly help clean, file, paint, garden, cook, coach, play, swim, sing, dance and join in on school trips and carnivals. Perhaps most importantly, they develop great friendships and memories by walking alongside the kids. It is hoped that, while they are having fun in and out of the classroom, they are also acting as good role models for the children in their care. As Tim Costello asserted in his presentation to the Radford Institute, 'The role that schools such as Radford have in encouraging empathy is so important'.

Radford students have been grasping this rich and rewarding challenge since 2011 and the G Trips have become an essential part of the Radford Senior School experience, with 250 participants having completed the program thus far.



**RADFORD COLLEGE
RADFORD INSTITUTE**

The Radford College Institute aims to bring high quality speakers to the ACT educational community, to intelligently inform about issues and to foster debate

Mathematical modelling brings Radford students international recognition

Brianna Wiseman
Year 12

A series of extraordinary achievements by four Radford students over the past 12 months culminated in August with their visit to Melbourne to be acknowledged as winners of IM2C, the International Mathematical Modeling Challenge. Walking the red carpet of international mathematics with aplomb, Ryan Stocks, Emily Li, Stone Sima and Brianna Wiseman shared their victory tour with mentor and teacher Kym Palfreman. The complex modelling problem posed by the competition was an invitation to students to visualise, understand and apply mathematics to solve a real-life problem. As a challenging but accessible mathematical activity, IM2C increasingly attracts the attention and involvement of secondary teachers and students throughout the world. Read on for Brianna Wiseman's reflection on the Radford group's progress through the stages of the competition.

Over five days in March, we competed in the IM2C (International Mathematical Modeling Competition). The competition required us to produce a 22-page report detailing a mathematical model to choose the best hospital for a certain patient, based firstly on mortality, then on whatever criteria they deemed appropriate. Out of 75 reports submitted across Australia, our team's entry was one of only two to be awarded Meritorious Achievement. These two reports were submitted to the international round of judging. The international round judged 54 reports from teams who had passed through rigorous competition and received the highest awards in their respective countries. Our team was the only one to win the outstanding award and, thus, our report was placed best in the world.

Accompanied by our teacher and mentor, Ms Kym Palfreman, we travelled to Melbourne on a four-day, all-expenses-paid trip. There we met the four runner-up teams, who arrived from Indonesia, Taiwan, China and the United States. This was a wonderful opportunity to connect with like-minded students from around the globe and to share our experience of the gruelling competition.

Part of our time in Melbourne was spent in formal sessions during which we presented an outline of our entry to the other teams and received our awards. We also listened to presentations by the other competitors and heard from committee members of IM2C and the Australian Council for Educational Research (ACER, which coordinated Australia's participation in the competition).

The remainder of the trip was spent taking part in various activities, such as attending Data61, Australia's premier science and technology event. We were able to speak to a number of data scientists about various study and work options, and how our interest in modelling could be turned into a career. We were able to relax with a visit to the Healesville Sanctuary, a bushland haven for Australian wildlife, which reminded us a lot of our backyards in Canberra! We also enjoyed the chance to share meals with our fellow competitors – talking, laughing and eating too much food.

Overall, this incredible experience had many highlights. Even participating in such a competition was inspirational and eye-opening. We can highly recommend it to students for next year and into the future.



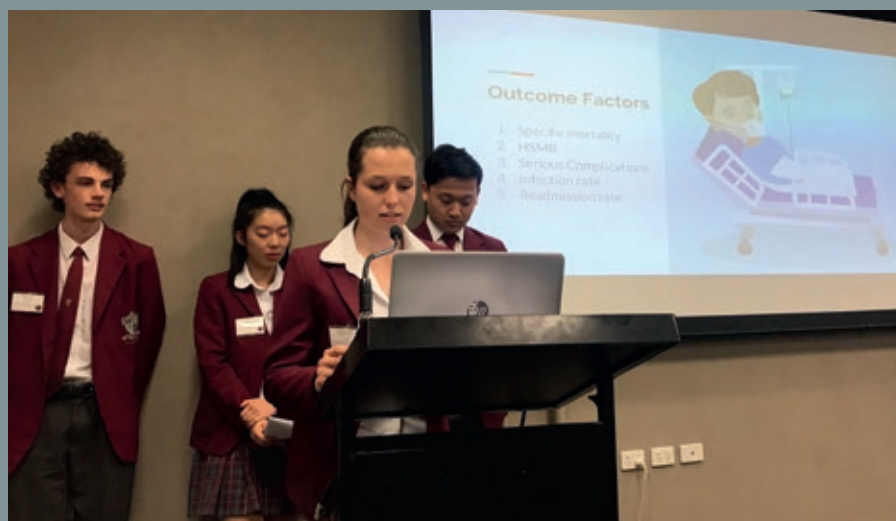


Normalisation

- Data from a variety of formats; ratios, scores, percentages etc.
- Normalisation allows data to be presented with a score from 0-100

$$V'_i = \frac{V_i - \text{Worst } V}{\text{Ideal } V - \text{Worst } V} * 100$$

- Where V_i is hospital i 's value for category V





Parents and Friends Association

Monique Glavonjic
Fete Convenor 2018

By November each year, Canberra is deep in fete season and the streets of the city are lined with posters and banners advertising French fêtes, country fairs, car-boot sales and 'green' markets. It's difficult for organisations of any size to corner an audience in this competitive atmosphere.

This what makes the success of the Radford College P&F Annual Fete so pleasing. Annual fetes demand a big commitment from organisers, volunteers, sponsors and donors, and we don't take this for granted. At a time of year when everyone's calendar is filling up with social and sporting events, it is wonderful to see people return each year to volunteer, spend some money and enjoy the fun of our fete, all in support of our community.

The Twilight Fete on Saturday 3 November 2018 was no exception. An extraordinary 300+ volunteers worked in the lead-up to the fete and on the day itself. A combination of parents, executive staff, teachers and students, this hard-working group was integral to the success of the day. Thank you for your work. As a firmly community-focused school, we are fortunate to have several new and return sponsors who make an outstanding commitment in support of our monster raffle and auctions. Supersmile Orthodontists, Jamison Travel Macquarie, Ovolo Nishi and Vuly provided prizes and rewards that added a touch of glamour to our fundraising efforts.

We were fortunate to have magnificent weather for our fete, which brought out the crowds and encouraged them to linger over the stalls or join the queue for the fairground attractions. The sweet music of student performers was a delightful accompaniment to the day. Some highlights include the return of the Vintage and Sports Car display, which was a big hit once again, and the annual Collegians soccer match, which brought out the competitive edge in visiting Collegians.

The adult-sized social event of Semester 2 was the always popular Trivia Night on 21 September, which fills TB Millar Hall with trivia masters in outrageous costumes seated at themed tables laden with tempting food and drinks. Congratulations to all the winners on the night and we hope you'll bring the same spirit of fun to the glamour of the Radford Ball on 6 April 2019!



Mrs Jocelyn Martin
Chair

The second half of 2018 has been a period of consolidation, progress and increased community support for the Radford College Foundation.

We always welcome donations of any amount and since launching our 2018 appeal in June, we've been especially pleased with the number of people who have signed up as Cornerstone Donors by contributing \$1,000 or more. This category closes on 31 December 2018 and these donors will be honoured with glass plaques displayed in the new Secondary School building when it opens in 2019.

In August, we hosted a morning tea and it was a wonderful opportunity for donors, ambassadors and people wanting to find out more about the Foundation to hear from some of the key members of the Foundation board.

The Foundation was also delighted to support the annual P&F Fete and took the chance to sell some merchandise and spread the word of the Foundation's work and ambitions for the future.

Another opportunity to increase community awareness was to farewell the graduating class of 2018 with a '50c Fundraiser'. The 12-sided 50c coin is an appropriate symbol of the departing students' years at the College and the community was generous in filling strategically placed donation tins. The money raised will go towards the Foundation's Scholarship Fund.

With our first Foundation scholarship recipient starting at Radford in Year 11 in 2019, applications are currently open for the next scholarship. The recipient will remain anonymous and receive a two-year scholarship to commence Year 11 in 2020. Applications close on Friday 15 February 2019. The Foundation is keen to increase the number and length of Foundation scholarships. Expect another major announcement about this in early 2019.

Enquiries about the Foundation should be directed to Foundation Administrator, Cassie Roberts at foundation@radford.act.edu.au or phone Cassie on 02 6162 5307.



Winter Sports Round-up



Netball

The Netball season began in sunshine on 5 May, a start that belied the frigid weather the players, and their spectators, faced throughout the winter months. Participation by 16 teams, 144 players, 20 coaches and 30 umpires makes it clear that a bit of frost and wind off the Snowy Mountains is no deterrent to the Radford Netball community. Two Radford teams qualified for the first round of finals with Radford Navy finishing 4th

and ending its season in the semifinals. Radford White won its grand final by 14 goals over BAS Zoom in Cadets Div 3. A tremendous development opportunity and season highlight for Radford Seniors was a game against a visiting UK team from Leeds Athletic Netball Club. The chance to measure up against a team of such strength and skill was thrilling for all involved.



Student achievements

Representing Australia at an international level in any sporting code is a remarkable achievement.

Radford students putted, kicked, hit, threw and rode their way onto the international stage in several sports throughout the last half of 2018, and we have admired, and been inspired by, their achievements.

Congratulations to Lauren Robards (cycling), Josh Rochow (netball), Adam Thorp (golf), Jay McDonald (hockey), and Eliza Hollingsworth (basketball).



Equestrian

Student participation in local Equestrian events throughout Australia during 2018 has seen Radford competitors appear in Jindabyne, Coonabarabran, Sydney, Adelaide, Melbourne and Bungendore. A small core group of committed competitors and their parents and supporters invested considerable time and effort in training and preparation for events such as the ACT and NSW State and Australian interschool equestrian championships and the Royal Adelaide Show. Their efforts were rewarded with wins and places in various events at all competitions and their development as accomplished equestrians was evident throughout the season.



Basketball

The 2018 Winter Basketball season concluded with eight teams making their mark in grand finals. Near misses were matched by decisive victories for the U19 Boys Div 1 Heat, U16 Girls Div 4 Comets, U12 Boys Div 3 Bears, and U19 Girls Div 3 Breakers. The crowd attending the U19 Heat's grand final against Marist was a sea of Radford colour, with a host of students and staff turning out to support their mates. As Principal Fiona Godfrey reflected on that game, following a weekend of finals, 'it was the level of support shown by the very large group of Radford students in attendance that gave me the greatest thrill'. This degree of collegiality is a sure sign that Basketball, and sport more generally, is played at Radford to a high level of skill and sportsmanship.



Orienteering

The Radford Orienteering Team season began with a fast and fun event for Junior and Secondary school students at Weston Park. The expert introduction to the sport of Orienteering provided by coaches Toni Brown and Paul de Jongh at a come-and-try session at the end of Term 1 brought the team some enthusiastic new recruits and confirmed why the team is so well respected in the ACT orienteering community. The team's results at the ACT Secondary School Championships – winning both the Men's and Women's championship team trophies – amongst many other successes, was a wonderful affirmation of the efforts of coaches and orienteers alike in ensuring the sustainability of Orienteering as a key Winter sport at Radford.



Football

Radford students of every age level have enthusiastically embraced this season's Football opportunities. From a Kinder and Year 1 Football Academy to the U18 Boys and Girls teams, the sport's popularity makes the future of Football at Radford look bright. The end of the season brought triumph and heartbreak for teams and individuals alike, with the introduction of a finals series for the U16 & U18 competitions testing player skills in the 'hothouse finals' atmosphere. Our U18 Div 3 Open team played a creditable grand final against Marist, going down 2-1 but gaining much from the experience. Thanks to all parents and volunteers whose tireless contributions made the 2018 season so successful, we look forward to welcoming you back next year!



Rugby

Radford's representation in the local Rugby competition increased by 100% in 2018 with the formation of a girls' rugby side. The College's First XV was accompanied throughout the season by a powerful gathering of strong and skilled girls playing in the U16 Girls competition. A season of highlights for the girls included a coaching clinic with the Australian Defence Force Women's Rugby Team and a grand final berth. While the hard-fought game at Viking Park ended in a 38-36 loss against Cooma, the girls are to be congratulated on the courage and enthusiasm they displayed throughout the season. Similarly, while the First XV Boys dropped out of finals contention during their semifinal against Marist, the team's season performance was a credit to their skills and camaraderie.



Radford Snowsports 2018 Season

Jonathan Mandl

Technical Director Snowsports

'Snow' much fun over 25 years!

This year marks the 25th anniversary of Radford Snowsports, a remarkable achievement made possible by the College's enduring commitment to the program, the dedicated Friends of Radford Snowsports (FoRS) group and support from the wonderful families and student athletes.

It's important to acknowledge the vision of the College in supporting John Leyshon to initiate the program in 1993, only 10 years after the school's founding. Finding enthusiastic staff early on, such as Renae Woods, was essential to develop a critical mass to participate and later compete in the newly formed Interschools Championships.

The strength of our parent support is a hallmark of the program. This was particularly so in the early years up until 2009, when coaching and instruction were provided by FoRS parents, who also drove the College minibuses, with trailers. Legendary leaders, such as Jeremy Lucas, Ken Ineson and Vit Koci, were joined over the years by Grahame McDonald, Greg Healy, Tony Falzarano, Dave Hartwig, and Ottmar Weiss.

Since 2011, all instruction is provided by professional instructors employed by Perisher and the majority of travel is via a chartered 58-seat coach. Teaching staff such as Belinda Reitstatter, Renae Woods and, in 2018, Bradley Greer, have added commitment and passion to the program.

Year in, year out in our program we are impressed by the resilience and perseverance shown by our youngest athletes, the sheer depth and strength of talent displayed by our secondary and senior school athletes training across all disciplines of alpine skiing, freestyle skiing and snowboarding and their tenacity for pursuing technical excellence and 'personal bests' in competition.

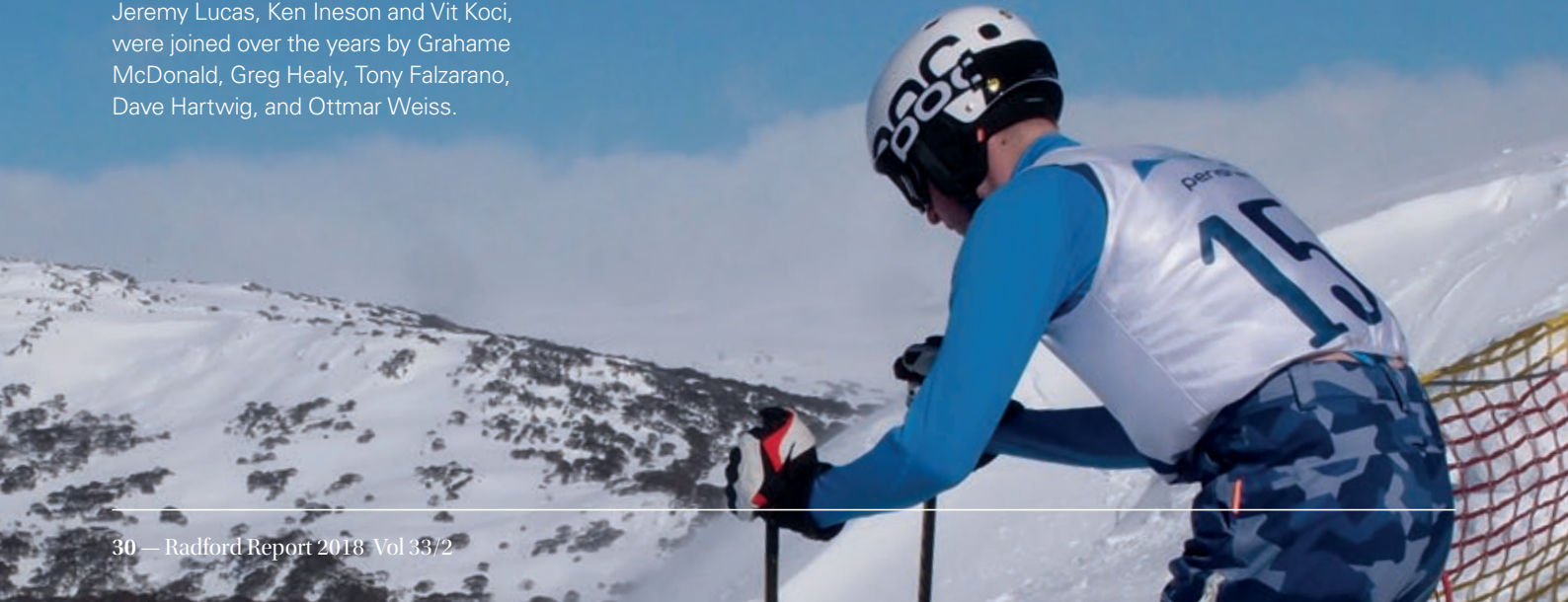
A unique feature of our program is our aim of parallel social and skill development. An open and friendly social interaction platform exists between students across all ages.

The 2018 season was spectacular for the team. Great snow cover and exceptional results in one of strongest years ever at both regional and national levels for individual and team performances were celebrated at the awards ceremony on 17 September.

A distinguishing accolade for the team of 26 competing at the Australian Interschools at Perisher in September was achieving 5th place nationally in the Secondary Co-ed Schools category – Radford College's highest result ever.

Thank you to Lisa Stocks and Brent Larkham for their commitment to supporting the team.

I congratulate every member of the 2018 team, from Junior School to Senior School, for their 'perfect effort' in a highly enjoyable and successful year for all involved. As always, we welcome interest from new families keen to join the fun in 2019.





Radford Collegians Association

Mr Mark Whitby
President

H for history

The Association has continued to support the College's project to celebrate its wonderful 35-year history with the publication of a book researched and written by George Huitker (Mr H). The Association website (www.radfordcollegians.com.au) hosts Mr H's 'H for history' articles and we have worked closely with him to engage the vast resource that is our collegian community. Using Facebook, the eNewsletter and the website we have collected stories, memories and important information (like the original recipe for the famous Chunion) and assisted in the arrangement of more than 70 interviews with collegians and former staff. During his tenure at the college, Mr H has seen more than four in every five of the current 6,000 collegians graduate and is likely to have been on camp with them at least once – his network spreads far and wide.

In September, the Association hosted the Life beyond Radford event for senior students for a fourth time. Animator Jesse Zhang (2003), crime-scene investigator Nick Fallon (2004), public servant Declan Pratt (2013), lawyer Samantha Bradley (2010), middle-distance runner Reilly Shaw (2013), and medical student Angela Liao (2016) were on the panel.

We were delighted to join with the College in hosting the annual welcome-back reunion, which takes place on the third Saturday of September. The 2018 event included the first 30-year reunion and was our biggest welcome-back function to date, with over 200 students and teachers from the classes of 1988, 1998 and 2008 attending. As always, the highlight was the prefect-led tours of the school during which collegians wandered old corridors, stopping to look at the honour boards and pictures and reminiscing about their time at Radford.

As I hand over to incoming president Tristan Madigan, I extend the Class of 2018 a warm welcome to our Collegian community.

Visiting collegians

Semester 2 saw hundreds of collegians return and reconnect with the College in various ways.

Kirstie Hardy (1996) hosted Annie Liao (Year 12) for work experience at Bonsella Business Solutions, Bridget Chivers-Keneally (2009) was a keynote speaker at Dirrum Dirrum, artist Dean Cross (2003) shared his journey and practice with senior creative arts students, Clare Bowman (nee Hallissey, 1999) and Jean Drummond (1995) demonstrated Irish and Scottish dancing for Year 1, and Dr Stef Pender (2006) spoke to RAS students about her time working with refugees as a volunteer doctor on a rescue boat in the Mediterranean.

The RCA is always keen to hear ideas and receive feedback.

To share your views or become involved in any way, email collegians@radford.act.edu.au





RADFORD COLLEGE

1 College Street
Bruce ACT 2617 Australia

TELEPHONE +61 (0)2 6162 6200
FACSIMILE +61 (0)2 6162 6263

WEB www.radford.act.edu.au