



Lighthouse

Volume 30 Number 10

8 August 2014

Dear Parents/Guardians, Students & Friends of SFX

An interesting article was presented earlier this year by a leading sociologist from Switzerland, Dirk Helbing. Helbing argues that the 21st Century will operate with different fundamental principles than the 20th Century. People are in the process of developing a new way of thinking that is fashioned by “collective intelligence” and social media.

Helbing states, “Never before were politicians, business leaders and scientists more urgently needed to master the challenges before us. We are in the middle of a third industrial revolution. While we see the symptoms, such as the financial and economic crisis, cybercrime and cyberwar, we haven't understood the implications well. But at the end of this socio-economic transformation, we will live in a digital society. This comes with breath-taking opportunities and challenges, as they occur only every 100 years.”

He proceeds to talk about the potential and impact of “Big Data”. What exactly is Big Data? IBM describes it in this manner, “..everyday, we create 2.5 quintillion bytes of data – so much that 90% of the data in the world today has been created in the last two years alone. This data comes from everywhere: from sensors used to gather climate information, posts to social media sites, digital pictures and videos posted online, transaction records of online purchases, and from cell phone GPS signals to name a few. This data is “big data.”



The financial potential of Big Data is extraordinary. Apparently the social messaging portal “WhatsApp” (450 million users) was recently sold for a profit of 19 billion dollars. This transaction netted each staff member a tidy half million dollars.

Big Data is structured and unstructured information that is available to interested parties at all times, from anywhere on the planet, in massive volumes. It offers great opportunities and carries significant concerns. According to Helbing, Big Data is fundamentally changing our world in a similar way that the invention of the automobile transformed the lives of our predecessors. He maintains that the overall impact of Big Data, and the Digital Revolution, will be highly significant in all areas of society.

As we all know technology itself is also changing. It changes quickly and unpredictably. Helbing believes that we are only at the beginning of the transformation process of technology and that computers will be reaching the level of human brainpower in about ten years.

It is for these reasons that education is essential. Helbing concludes that, “Digital literacy and good education will be more important than ever. But with the emerging Internet of Things and participatory information platforms, we can unleash the power of information and turn the digital society into an opportunity for everyone... Are we ready for this?”

Br Robert Sutton, fms
Principal



Mackillop Day, what a great success! Everyone seemed to have a positive reception to the much anticipated morning presentation which gave everyone something to laugh about. Through the sea of yellow it wasn't hard to spot the minions in their comfy onesies and a smile on everyone's face. The main event of the day, Carnivalè, went off with a bang with all the food you could think of and activities from catching water filled balloons to a handball competition! All in all it was a fantastic day and one that will surely be remembered by all.

Harrison Gresham



Congratulations to our ASPIRE Students and Staff



Lydia Frazer



Lauren Freemantle



Grace Lancaster



Claudia Wallis

Culminating in Matinee and Evening Performances last week, five of our Year 11 students were part of ASPIRE's 'A Night in the Forest' at the Civic Theatre. These four students **Lydia Frazer, Lauren Freemantle, Grace Lancaster and Claudia Wallis** were part of the Drama Ensemble, with Grace playing the part of Horselady, Lydia playing Sandy Starveling and Claudia as Titania.

These students were truly fabulous in their roles. The whole production involving ninety five Diocesan students was outstanding and our five girls were part of a very professional production. This Catholic Schools Office initiative has certainly achieved its goals this year with opportunities for creative and talented students to be part of a most impressive show.

To be part of ASPIRE, students have to successfully audition to be accepted as a member of the Drama, Instrumental, Vocal or Dance Ensembles. Students need to be in Year 5 – 11 to audition and need to be committed to weekly rehearsals during Terms 1 and 2 with extra rehearsals in the final weeks leading up to the performances.

Congratulations also to **Mrs Kirsten Beletich**, our SFX Drama Teacher, who was so very proud of all of the students and in particular the Drama Ensemble in her role as Diocesan Support Person for the Drama Ensemble.

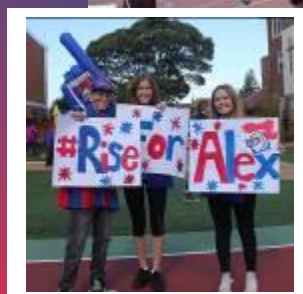
Mrs Wattus
Music Staff



On behalf of the Newcastle Knights I would like to pass on my sincere thanks to everyone at St Francis Xavier College for their contributions to the Rise for Alex foundation.

Your donations will play an integral role in Alex's rehabilitation over the coming months and ultimately his relocation back to Newcastle.
Thank you for your kind thoughts and generosity and best wishes for the future.

Regards,
Matt Gidley
Newcastle Knights



An invitation

*Conservatorium Music
Performance Evening*

Friday, 15 August beginning at 7pm
Tickets \$12 Adults / \$6 Students

*Performances by Year 12 Music Students and selected Year 11 Music Students
Parents and friends are invited to attend
Concert Hall University of Newcastle Conservatorium of Music
Laman Street, Newcastle (opposite Civic Park)
For enquiries please phone the Music Staff at the College*

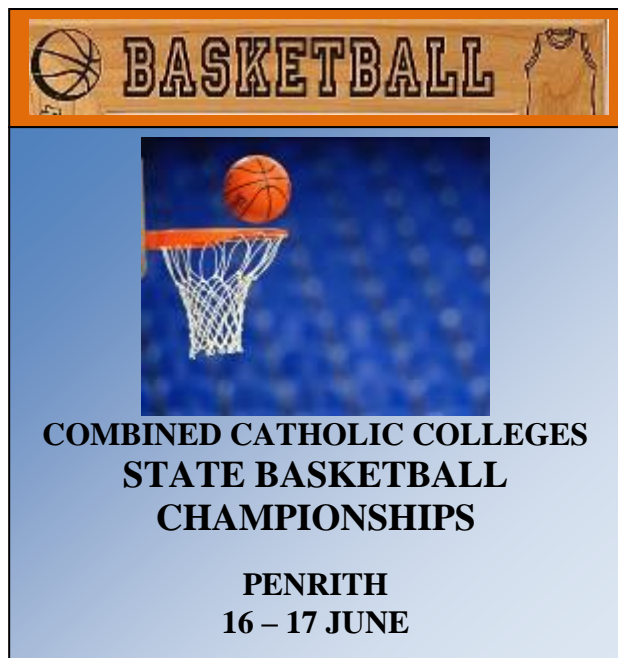
Finance Office Hours

8:30 am to 3:00 pm – Monday to Friday

Finance Officers: Mrs Debra Maynard
(Monday to Friday)
: Mrs Lorraine Webster
(Monday, Tuesday and Friday)

Email: hml-finance@mn.catholic.edu.au

FEE STATEMENTS: Terms 1 and 2
All outstanding fees for Terms 1 and 2 are now subject to the College Debt Recovery Policy. Parents who have not paid fees will be contacted shortly.
Arranged fees must be finalised by the end of October 2014 for Year 12 and mid December 2014 for Year 11.



CONGRATULATIONS TO THE GIRLS' TEAM!



With only seven players we knew it was going to be a tough couple of days.

Our first game was against John Paul College Coffs Harbor. The girls were able to control the tempo of the game from the beginning and were on top the entirety of the game. We won this game 32-28

Next we came up against a strong St Joseph's College Gosford. This team had a lot of very experienced girls, however a great team defensive effort kept the game close, but unfortunately our first loss with a final score of 34-40.

Our third game of the day against Terra Sancta College, Schofields was very physical. Although we were outsized the girls fought hard to take out the win. We battled hard to get lots of rebounds and the girls rewarded themselves by knocking down outside shots and came away with a good win 46-42.

After finishing the day with 2 wins and 1 loss we finished second in our pool. This put us in a good position for the quarterfinals in the morning.

In the **quarterfinal** on Tuesday morning we played against Bathurst. We dominated this game on the defensive end which gave the girls a lot of offensive opportunities and a good win 51-37.

In the **semi-final** we played St Joseph's College Gosford again. The girls gave a great effort as we were winning for a lot of the game, however we ran out of steam in the end. All the girls played big minutes over the couple of days especially Alison Ebzery and Megan Johnson who played every minute of the tournament and worked tirelessly at both ends of the court. Unfortunately, limited numbers, injuries and tiredness caught up with the girls and the team went down in a tough match losing by 4 points.

The College should be extremely proud of each of the girls. They worked really well together and never gave up, representing the College outstandingly over the two days.

*Third place at a State Championship
is a great effort!*

Congratulations to the following girls:

*Taylor McLean, Alison Ebzery,
Megan Johnson, Gabrielle Lyth,
Ashlea DeBruin, Natalie Turner,
Lydia Frazer.*

Many thanks to the girls' and boys' coaches, Suzi Walmsley, Rohan Stevenson and Bennie Murray and to our managers Mr Robert Sheridan, Mrs Sue Paton, Brother David and Brother Pat.

Mrs Rosemary Sheridan
Basketball Coordinator





Julie McLoughlin

Careers Coordinator

julie.mcloughlin@mn.catholic.edu.au

Study Space

This is a **free**, Government funded, study support program for Year 11's who live in the Lake Macquarie area. It offers HSC students **free** weekly access to:

- Homework & social support from volunteer mentors
- "Yourtutor" & "SkillsBuilder" online professional tutoring
- Quiet & group study spaces
- Computers, internet & printing
- Study guides & resources
- Food & drinks while at Study Space.

They are looking at recruitment of Year 11 students who will be commencing Year 12 in Term 4. Additional information regarding the program, including enrolment forms for students, can be found on the website:

www.theplacecharlestown.org.au.

Alternatively, you can contact Shelley or Erin at The Place on ph. 4032 5500 or email at study@theplacecharlestown.org.au



Free BUS to ADFA Open Day

Defence Force Recruiting Newcastle has organised a free bus to attend the ADFA Open

Day on Saturday, 30 August 2014. There are two buses – one departing from the office at 528 Hunter St at 4:30 am, the other will be departing from the Ourimbah rest stop on the M1 at approximately 5:30 am. **If you wish to attend you will need to call or email Rebecca - 4974 5427-**

rsutcliffe@dfr.com.au with the following details: A consent form will then be emailed directly to you.

- Email address
- Phone Number
- Number of people attending
- Pick up Location (Newcastle or Ourimbah)

UNSW Women in Engineering Camp

Applications open on 5 August 2014. The camp will run 12-16 January 2015. Girls who will be in Year 11 or Year 12 in 2015 and who excel in science and math are encouraged to attend. For more information see engineering.unsw.edu.au/wiec or contact the UNSW Women in Engineering Manager, Alex Bannigan on (02) 9385 7458 or a.bannigan@unsw.edu.au.

Latest Defence Force sessions

Please see below the up-coming information sessions being held here at Defence Force Recruiting Newcastle.

- Thursday, 14 August 6pm – Communication and IT Roles
- Wednesday, 20 August 6pm – Royal Military College (Army Officer)
- Thursday, 28 August 6pm – Pilot

If you wish to attend an information session, email cptnewcastle@dfr.com.au or call 02 4974 5427.

Don't forget Saturday, 16 August for the Newcastle University Central Coast Campus Open Day

If you are interested in any of the Degrees that run out of the Central Coast Campus this should be a date for your calendar

(Exercise & Sports Science / Podiatry / Oral Health /)

The Newcastle Campus also has an Open Day on **23 August** if for some reason you missed the Schools Visit Day or you didn't get to see all the degrees you were interested in.

Catholic Schools Office Teaching Scholarships

The Newcastle Catholic Schools Office will once again be offering Teaching scholarships for 2015. **If you are interested you need to collect the application from Mrs Mac.**



Trop Jr Young Filmmakers Workshop at Metro Screen, Paddington



Create a short film for Trop Jr, one of the largest short film festivals for youth in the world and potentially kick start a creative career in filmmaking. Each student will have the chance to write, act, shoot, light, direct, edit, add a

sound track and produce a Trop Jr short film project. Early Bird Discount book by 5 Sep and save \$50. Course dates Wed 24 Sep-Fri 26 Sep 10am-5pm.

<http://metroscreen.nsw.edu.au/course/YOUTROJNR>

Open Days

- **UOW College Open Day**
Saturday, 16 August at 10am
- **The Le Cordon Bleu Sydney Culinary Arts Institute in Ryde**
Open Day 4 September, 2014
- **UTS Open Day (City Campus)**
Saturday, 30 August 2014: 9am - 4pm
- **Australian Catholic University** will soon be hosting their annual Sydney campus Open Days. ACU North Sydney Open Day will be held on Saturday, 6 September 8.30am-2.30pm. ACU Strathfield will be held on Saturday, 13 September 8.30am-4pm
- **Macleay College 20 August**
- **UNSW Open Day**
Saturday, 6 September: 9am – 4pm
- **Canberra Tertiary Open Day 30 August including:**
ADFA / Canberra Institute of Technology / Australian National Uni / Australian Catholic Uni / University of Canberra.

The Australian Veterans' Children Assistance Trust (AVCAT)

This is a national independent charity administering tertiary scholarships for children and grandchildren of ex-service men and women. Scholarship applications open on 18 August. Through the help of generous donors, AVCAT administers scholarships to the children of those who have served our country in peace and war in the Australian Army, Navy and Airforce. They administer about 70 scholarships a year for the Department of Veterans' Affairs as well as various ex-service organisations. Scholarship selection is open to children and in some cases grandchildren of a veteran and is based on need and merit. Applicants can be high-school leavers starting university or current university students and eligible for Youth Allowance hence studying full time. Scholarships are generally paid for three years and are between \$3,000 and \$4,000 per year. Applications for 2015 open in August 2014 and close on 31 October 2014. www.avcat.org.au
Email: avcat@dva.gov.au

First Aid Courses



These are being run on the following Fridays this term by Life Saving Australia.
Friday, 22 August
Friday, 29 August
Friday, 5 September.

This could be a requirement for future employment or you just feel you should have this qualification before you leave school??

See Mrs Mac for a note. The cost is \$70 for the day.....a great competitive price!

This week's

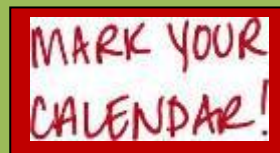


Crime Scene Investigator

The Bruce Campus of Canberra Institute of Technology (CIT) offers a three year degree program in Forensic Science (Crime Scene Investigation) CIT has a specialist facility that has been set up for students to practise examining crime scene scenarios in a realistic situation. A 'house' is planted full of 'evidence' that needs to be collected and documented for students to present as evidence to help solve a crime (such as break / enter / theft). Students play the role very seriously – right down to the sterile attire, face mask and goggles.

Students can choose to specialise in a range of things including bloodstain pattern analysis, fingerprint comparisons, ballistics and firearm identification, vehicle examination, document examination, fire scene investigation and biometric technologies. Full details of this course can be found at:

http://cit.edu.au/study/courses/forensic_science_degree



The Defence Force will be at the College this Thursday, 14 August at lunch

time in the Theatre. They will be discussing all the forms of entry into the forces.

Everyone is welcome.

St Francis Xavier's College

Phone Number: 02 4961 2863

Facsimile Number: 02 4961 2384

Student Office Phone Number: 02 4961 2110

Email: admin@hamilton.mn.catholic.edu.au

Web Site: hmltn.mn.catholic.edu.au

CHANGE OF ADDRESSES AND PHONE NUMBERS

In case of an emergency it is important that students' contact details are up to date. If there have been changes to family details please have your student go to the Administration Office where an appropriate form will be issued.



Careers Showcase

Business and Creative Industries, Hunter TAFE Newcastle Campus

5.30 to 7.30pm - Wednesday 27 August 2014

Riddell Theatre - Block P - Newcastle Campus - Maitland Road Tighes Hill

Are you a student, parent or careers advisor?

Want to learn more about the pathway options beyond Years 10, 11 or 12?

The Faculty of Business and Creative Industries will showcase a range of career paths at this event.

Options include:

Management, Business, Business Administration, Human Resources; Marketing; Work Health and Safety; Community Pharmacy; Graphic Design; Arts, Music, Fashion Design, Media and more!

Hunter TAFE can provide young adults with a range of university credits (or employment pathways) from Certificate II to Certificate IV, and Diploma qualifications and TVET options.

Presentations, exhibitions and representatives from Hunter TAFE, State Training Services and others will provide you with a wealth of information to assist with career choices for 2014 or 2015 and beyond - so don't miss out!

Details

LIMITED NUMBERS!

To **REGISTER** your attendance via email and receive confirmation and parking map:

✉ sandra.lawrence6@tafe.nsw.edu.au

For further information:

Leanne Cherry
Client Relations Consultant
Business & Creative Industries

☎ (02) 4923 7755

✉ leanne.cherry1@tafe.nsw.edu.au

BR14199-VI-280714

TAFE
HUNTER INSTITUTE



Google **Hunter TAFE**

Connect with us





ENGAGING ADOLESCENTS™ PARENT COURSE

Parenting skills for resolving teenage behaviour problems

A three-session program for parents and carers
at Allambi Care Inc.

28 Fraser Pde Charlestown (Treetops Training Room)
on Tuesday evenings 19/8, 26/8 & 2/9 at 6.30pm to 8.35pm.

Learn:

- ✓ Some common ground shared by parents & reasonable expectations to hold about adolescents
- ✓ New understandings of adolescence
- ✓ A three-option model & flow chart for decision-making
- ✓ Self check-in, first - for parents.
- ✓ Building relationship with your teenager and making the best of your non-crisis conversations with them
- ✓ Skills for tough conversations for handling those problems you just can't ignore

Registration Fee

The course costs \$30.00. (Please enquire about concessions).

Register for this course by contacting Michael Burke at Allambi Care on 4944 5900.

What parents have said...

A step dad recalled an incident at the weekend with his 12 year old step daughter. He said that the input he had received the previous week from the course helped him keep his cool and brought a more favourable outcome.

A single Mum who had presented as quite anxious on the first night told the group in week 2 that she had made an appointment with her 15 year old son during the week and had had a far more favourable discussion with him than would previously have been the case.

Who's running it?

The trainer for this course is Michael Burke who completed Parentshop's Engaging Adolescents training on 3rd June 2014. Michael works as an Adolescent & Family Counsellor across the East Lake Macquarie Local Government Area. Michael has 10 years of experience supporting young people and families with adolescents.

For more information contact Michael Burke on 0408 474 602

• An end to the arguing and yelling! • It saved our lives • Simple, sane, effective •

This course is being run by a Parentshop® licensed practitioner. www.parentshop.com.au