At St Mary MacKillop College we have begun our Vinnie’s Winter Appeal drive in a lead up to the Hearts and Hands Mass on Monday 23rd June. Students are encouraged to donate non-perishable goods, including blankets, to this appeal. All items donated will be given house points. Our families are always very generous in donating to this appeal. The values that St Mary MacKillop held are certainly displayed during this time.

St Mary MacKillop endured much suffering and confrontation in her endeavour to achieve justice for the poor. St Mary MacKillop recognised the need for all children to achieve their potential, however she especially sought opportunities for poor families to access education for their children.

The Vinnie’s Winter Appeal is a wonderful opportunity for all students to be involved in giving to those less fortunate.

Exams
Exam fever has hit the school, with Year 11 students completing End of Unit exams over the past week. All Year 11 and 12 students enrolled in a Unit 3/4 subject also completed the General Assessment Test (GAT) on Wednesday. This three-hour test assesses students’ ability in general topics including English, Math and Science.

Year 7 to 10 students will begin their exams on Monday, concluding on Friday 20th June.

Opening and Blessing of Science Rooms
On Tuesday 24th June we will officially open the newly renovated Science Rooms and Preparation areas. Bishop Paul Bird will perform a blessing of the rooms and all present will have the opportunity to walk through and observe the wonderful new facilities. Community members are invited, however please contact the office and indicate your attendance for catering purposes.
End of Semester Reports
The End of Semester Reports will be printed and mailed home to families at the end of the term. Together with these reports will be other important information in regard to the Parent Access Module and staffing changes for Semester 2. Please ensure that you read all of the information sent and I encourage you to have a conversation with your son/daughter about their report.

Accessing students during school hours
A reminder to parents and students that Mobile phones are not to be used at school. If parents need to get a message to a child, please contact the Front Reception and a message can be passed on to your son/daughter. If you need to meet your son/daughter during the school day, please arrange to meet at the Front Office. The best time for meeting students is during Recess and/or Lunchtime. These times are: Recess 10:21am – 10:41am; and Lunch 1:17pm – 1:57pm. If you need to collect your son/daughter outside of these times, when possible, please ensure that the child knows to meet you at the Front Office.

The end of the term is fast approaching, however we expect all students to remain focused on completing class work, assignments and exams to the best of their ability.

Michelle Haeusler
Principal

FROM THE DEPUTY PRINCIPAL
Recent cases of Head Lice
We have recently had students coming to school with head lice. This seems to happen every now and again and we are asking parents and students to be vigilant in regards to checking for head lice and eggs.

Head lice are common in school-aged children and are the most adaptable of creatures. They have survived living solely on human for 10 000 years.

Some of the reasons they have survived for as long as they have are:

- The six legs of a louse end in a claw, allowing them to grip the hair.
- They detect vibration and can hide - (conditioner will help fix this problem)
- Head lice can ‘hold’ their breath for 20 mins – looking like they are dead.
- The eggs are attached to the hair with a ‘glue’ like substance. Studies conducted on 45 different products to dissolve the ‘glue’ showed nothing would dissolve it.

The good news…
We know where they live and we know how to find them.

If you follow these steps, once a week, the control of head lice in your home will be greatly improved.

Step 1 Comb inexpensive hair conditioner on to dry, brushed (detangled) hair. This makes it difficult for lice to grip the hair or run around;
Step 2 Wipe the conditioner from the comb onto a paper towel or tissue;
Step 3 Look on the tissue and on the comb for lice and eggs;
Step 4 If lice or eggs are found, the child should be treated;
Step 5 If the child has been treated recently and only hatched eggs are found, you may not have to treat since the eggs could be from the old infection.
Step 6 If your child has eggs or lice please check every day and repeat treatment until they are gone.

It is also really important to change and wash bedclothes, in particular pillow cases and pillow protectors, towels and to treat hairbrushes and combs. This can be done by immersing in boiling water.

If your child has head lice – tell anyone who has had head to head contact with them and ask them to check their family for head lice. It is important to try to control the spread of head lice – please consider others. Treatment can be frustrating and expensive.
PE UNIFORM
A reminder for all students and families regarding PE Uniform.
Year 7 and 8 students are able to wear full PE uniform on the day of their practical PE classes.
Year 9 and 10 students are to bring their PE uniform to school and change at recess or lunchtime.
The only circumstance that Year 9 and 10 students are to wear PE uniform to school is where they have two practical PE classes on the same day or a PE and a VET Sport and Rec on the same day. Students in Year 9 and 10 should be fully aware of their timetable and be organised enough to work out the requirements for each day.
Skins are not part of our PE Uniform and as such should not be worn for PE.
Students wearing PE uniform on the incorrect day or without a permission note will be issued with a Uniform Infringement.

STUDENT WELLBEING
With the end of the term in sight and the exam period is suddenly upon us, staff have noticed that stress levels in some students have risen. I am sure that parents and families have noticed this too. There are also many members of our school who are suffering with cold and flu symptoms and certainly are not feeling one hundred percent. I appeal to all students – please be patient with each other and try your best.
We have three weeks of classes left and we want to finish the term well.
Congratulations to our senior students who have completed their exams this week and have dedicated themselves to thorough preparation. Our Year 7 to 10 students will begin exams next week and I hope that they too can approach the revision and study for their individual subject exams with diligence.
A reminder that there is significant support available to students at our school including After School Study and homework support in the Library. We have an excellent Wellbeing team who can offer strategies to students for coping with pressure. Homeroom teachers and House Leaders can also offer broad support for students as well as our specific subject teachers who want all our students to achieve their best. Please do not hesitate to contact staff regarding any concerns. Our staff welcome the chance to work with students families to achieve better outcomes for students.

Fit2Drive
On Wednesday 18th June all our Year 11 students will participate in a Fit2Drive Seminar.
The Fit2Dive (F2D) Foundation Inc. is a not for profit community partnership that is dedicated to reducing youth road trauma. Its focus is on building the capacity of young people to make good decisions when faced with risky driving situations, whether as a passenger or a driver. F2D is about changing attitudes and behaviours - not teaching driving skills.
The philosophy of the F2D program incorporates the belief that young people have the capacity to change and influence attitudes and behaviours in relation to risky driving, and supports them to take ownership and responsibility for their own and their peers' safety.
Central to the F2D approach is using university students trained as Peer Facilitators to run workshops with young people in school and community settings. The main component of the F2D program is half-day workshop for Year 11 students in schools. This is normal school day for all our students and we expect all Year 11 students to attend this seminar.

What Can You Do Getting them home safely
Parents and carers can play a significant role in reinforcing the key messages from F2D by discussing what was covered in the workshop or forum. However, it doesn’t end with this:
- Most importantly parents and carers can support young people by helping them to plan the safest way to travel when going out with friends, especially where there may be drinking.
- Help them to avoid situations where they may need travel in cars with young drivers, particularly at night when it can be especially risky.
- Drive them yourself, because it is better to know that they will travel with you, rather than waiting up late worrying.
- Make arrangements with other parents you know to car pool with your kids for parties and other events.
- Keep in touch with them during a night out with friends via regular SMS messages or calls so you know where they are and if travel arrangements have changed.
- Have an arrangement where they can call you to pick them up at any time from any place without question.
- Watch out for and discourage any risky driving or passenger behaviours from them.
FAITH MATTERS

On Monday 23rd June we will celebrate our annual Hearts and Hands Mass in support of the St Vincent de Paul Winter Appeal. This is a long standing tradition and is always an example of how we as a school can respond to the needs in our wider community. Our students and families never fail to be generous and thoughtful in their giving and it is certainly greatly appreciated by our local St Vincent de Paul Chapter.

The St Vincent de Paul Society in Australia has more than 40,000 members and volunteers, who work hard to assist people in need and combat social injustice across Australia. Internationally, the Society operates in 149 countries and has over 950,000 members.

The St Vincent de Paul Society logo tells us a great deal about this Catholic organization, is used in many countries and is recognised everywhere as a symbol of hope and goodwill. The logo has three components: the hands symbol, the text and the slogan.
The hands signify:

At St Mary MacKillop College this is something that we want to encourage to grow in our students – an awareness of others, the motivation to help, an active response in the care and compassion for those in need and the humility to offer love. By celebrating the Hearts and Hands Mass and by contributing to the food drive our students have the opportunity to truly live and act as members of a Christian community.

Donations can be made to the St Vincent de Paul Winter Appeal online at www.vinnies.org.au

Our Hearts and Hand Mass will be celebrated by Fr Marcello in St Mary’s Church on Monday 23rd June at 12.15pm and all are warmly invited to attend. Students and families are encouraged to contribute non-perishable food items, household and personal items and blankets to the St Vincent de Paul Winter Appeal via their Homerooms.

Mrs Catherine Howison
Deputy Principal &
Director of Mission
CURRICULUM NEWS

Teacher Advisor Term 2 Reports and End of Semester Reports

It has been very positive to see the manner in which students and staff now approach the Teacher Advisor Program at St Mary MacKillop College, engaging in honest and open discussions at their Teacher Advisor Interviews each term.

All students should have completed their Term 2 Teacher Advisor, where they discussed their Subject Interim Report with their Teacher Advisor with regard to academic progress, as well as their general wellbeing. Students are encouraged to take responsibility for their own learning and to make changes or seek assistance throughout the semester, rather than wait until final grades are reported. These reports are available online via the Parent Access Module (PAM). Parents are encouraged to regularly check their child's Learning Area assessment tasks and access their Teacher Advisor Reports. If you are unable to access this online, please do not hesitate to contact the Office for assistance or a printed copy.

End of Semester reports will be posted home in the first week of the holidays. These reports provide a more formal summary of grades for assessment tasks, work habits and VELS or AusVELS levels. All major assessment task results are available online via the Parent Access Module if you wish to access grades prior to receiving the printed End of Semester report.

2015 Subject Selection for Year 8 – 11 students

All students in Years 8 to 11 should now have received a 2015 subject selection form which needs to be completed and returned by 27th June for Year 8 & 9 and by 25th July for Year 10 & 11. This form is part of the first stage in our subject selection process where students indicate their preferences, so final subjects for 2015 can be determined. Planning and information sessions have been held in classes over recent weeks, along with information provided at the Subject and Curriculum Expo held on the 28th May.

Year 8 and 9 students need to plan their completion of the 9/10 Vertical Curriculum carefully, ensuring they complete the required minimum units in a range of subjects whilst also choosing electives that suit their particular interests and learning needs.

Year 10 and 11 students have been encouraged to seek further advice from their parents, teachers and Pathways Coordinators on their career and tertiary education pathways. Students should consider the numerous options VCE or VCAL pathways offer, including the opportunity to complete School Based Apprenticeships and VET subjects for those more focused on preparing for the workforce or the need to research prerequisite subjects and ATAR scores required for University Courses.

All subject selection forms need to be signed by a parent or guardian and students in Year 11 or 12 must also obtain a recommendation from their current subject teacher.

Once the final blocking of subjects to be offered in 2015 is completed, all students in Year 11 and Year 12 will have subject counselling interviews in November. Parents or guardians are strongly encouraged to attend these interviews.

Subject selection assistance is available from students' Teacher Advisor or Subject teachers, as well as more specific planning advice from Mrs Crow, Mrs Brady or myself in the Pathways/Careers Office each lunch time for the remainder of Term 2.

Completion of Semester 1 Examinations

I would like to congratulate the majority of our students on their preparation for the mid-year examination period. Students studying a Unit 3/4 subject completed the General Achievement Test (GAT) in our Jubilee Centre on Wednesday 11th June. This examination is a key component in the successful completion of VCE studies for our senior students, along with the ongoing School Assessed Coursework (SAC’s) and School Assessed Tasks (SATs) that they complete throughout the year.

All Year 7 – 11 students will have completed their exams by Friday 20th June.

Year 7 to 10 Mid Year Exams

Please be advised that the Year 7-10 mid year exams will run in the week beginning Monday 16th of June. Year 7 and 8 students will complete Math, Science and English exams during their scheduled classes. Year 9 and 10 students will sit exams according to the timetable below.

St Mary MacKillop College has endeavoured to spread exams so that students have no more than two exams per day.
<table>
<thead>
<tr>
<th>Mon 16th June</th>
<th>Tues 17th June</th>
<th>Wed 18th June</th>
<th>Thurs 19th June</th>
<th>Fri 29th June</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Year 10 English - JC KKn, SHa, GWi Year 10 Anthology LWi <strong>90 min exam will run into recess time</strong></td>
<td>Year 9 Science C’O’B (Class A) S3 Year 10 VET Sport &amp; Rec students only will do their Science exam in Lesson 1 today. DHi and GHi to supervise.</td>
<td>Year 9 &amp; 10 Around the World &gt; Theory Exam JSa Food Tech</td>
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<td>Year 10 Science - JC C’O’B, GHe, CAn, GHa. Year 9 RE – What’s the Difference? NO’B 7 (computer room)</td>
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<tr>
<td>Year 9 &amp; 10 Art Explosion</td>
<td>Year 9 &amp; 10 Art Express</td>
<td>Year 9 &amp; 10 Japanese SGa 19 Year 9 &amp; 10 All Fun &amp; Games JWi 7 Year 9 &amp; 10 Girls Do It Better CBl 2 Year 9 &amp; 10 Good Health DHi 12 Year 9 &amp; 10 Around the World &gt; Prac Exam JWi 15 Year 9 &amp; 10 Rights &amp; Riches YAg 16 MW15 Year 9 &amp; 10 Funky Furn ESh Tech Room</td>
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<tr>
<td>Year 9 &amp; 10 Studio Rec AWRr Music Room Year 9 &amp; 10 Team Sports DHi 12 Year 9 &amp; 10 World Geo CRo 15 Year 9 &amp; 10 Food for Entertaining MMc Food Tech Year 9 &amp; 10 Gaming &amp; App Design JRo Graphics Room Year 9 &amp; 10 DIY Wood ESh Tech Room Year 9 History LCo (Class B) 16 Year 10 Italian MSa 18</td>
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<td>Year 9 English - JC LW, NM, LCo Year 9 Anthology – JC KK</td>
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<td>2</td>
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<td>Year 9 Science RWa S3</td>
<td>Year 9 RE - What’s the Difference? JRo 11</td>
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<tr>
<td>Year 9 &amp; 10 Studio Rec AWRr Music Room Year 9 &amp; 10 Art Explosion AST Art Room Year 9 &amp; 10 Japanese SGa 19 Year 9 &amp; 10 All Fun &amp; Games JWi 7 Year 9 &amp; 10 Girls Do It Better CBl 2 Year 9 &amp; 10 Good Health DHi 12 Year 9 &amp; 10 Around the World &gt; Prac Exam JWi 15 Year 9 &amp; 10 Rights &amp; Riches YAg 16 MW15 Year 9 &amp; 10 Funky Furn ESh Tech Room</td>
<td>Year 9 English - JC LW, NM, LCo Year 9 Anthology – JC KK</td>
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<tr>
<td>Year 9 Math - JC BKe, CBi, NMa, JMu Year 10 RE – JC NO’B, JRo, MWa, SPA</td>
<td>Year 9 Italian MSa 18 Year 9 Good Health JSA 12 Year 9 World Geography JWi 15 Year 9 History LCo (Class A) 16 Year 10 Rights &amp; Riches THa 14 Year 10 Team Sports LuC S3</td>
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<td>4</td>
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<td></td>
<td></td>
<td>Year 9 Science GHa S3</td>
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REPORTING AND PAM (PARENT ACCESS MODULE)
All students have received Teacher Advisor Reports and Subject Interim Reports for Term 1, detailing work habits and feedback on assessment tasks. If parent/s or guardians have not been able to access these reports online via the Parent Access Module on our website, please contact the Front Office.

After School Homework and Study Help in the Library
In an effort to assist students with their homework and develop sound study skills, the staff at St Mary MacKillop College have been rostered into the Library every Monday – Wednesday from 3:30 – 4:30 pm, with a Mathematics teacher rostered every Monday and an English teacher rostered on every Tuesday. We strongly encourage students to utilise this excellent facility, where students can stay after school any day until 4:30pm (except Friday when the Library closes at 4:00pm).

<table>
<thead>
<tr>
<th>Week</th>
<th>Monday</th>
<th>Tuesday</th>
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<tbody>
<tr>
<td>19</td>
<td>Charles O’Brien</td>
<td>Maria Salvo</td>
<td>Eddie Scholtens</td>
</tr>
<tr>
<td>20</td>
<td>Sally Looney</td>
<td>Gemma Headon</td>
<td>Sarah Gamble</td>
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<tr>
<td></td>
<td>School Holidays</td>
<td>School Holidays</td>
<td>School Holidays</td>
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Sally Looney
Director of Curriculum

PATHWAYS / CAREERS NEWS
We have been having a very busy time lately, with representatives from La Trobe University, Australian Catholic University and JMC Academy here to speak to students in Year 10, 11 and 12, processing many Work Experience placements and speaking with students regarding their 2015 subject selection choices. We do encourage students who are still unsure to come to the Pathways Office and have a chat. Parents are very welcome to telephone or arrange a time to come to see one of us if they would prefer a face to face meeting.

School Holiday Opportunities:
Most of the Victorian Universities and many private providers run programs and workshops through the school holidays for students interested in learning more about different courses. More information is available under the Pathways tab on the College website. Here is a selection of some on offer during June and July: -

**Australian Catholic University:** University Experience is a hands-on free event, where you will be able to participate in a range of activities related to the course area of your choice. To register, go to [www.acu.edu.au/97108](http://www.acu.edu.au/97108) Dates and workshops are:
- **Ballarat campus,** Tuesday 1 July: Teaching (Early Childhood & Primary), Nursing & Paramedicine
- **Melbourne campus,** Tuesday 8 July: Exercise Science, Media Communications, Business, Education, Psychology, Politics, Youth Work, Theology and Law.

**Deakin University:** Students will be able to find out about Deakin University and the courses on offer. Participants will be able to attend a range a faculty workshops and course information sessions. The events will be run Friday, July 4 at the Geelong and Friday, July 11 at the Melbourne campus.

**Monash Art, Design & Architecture (MADA) Workshops:** Monash University is hosting three days of workshops for Year 11 and 12 students interested in studying creative disciplines. There will be an opportunity to build your portfolio in one or more of the following areas: - Communication design; Industrial design; Fine Art; Architecture and Interior architecture,
The workshops will be held 1 – 3 July at the MADA studios, Caulfield campus.
For more details and to register, go to [www.monash.edu/mada/workshops](http://www.monash.edu/mada/workshops)
Science in the City and Laboratory Tour at RMIT:  This is a specialised tour of RMIT’s facilities where students and parents can learn more about the Science programs:  Biology; Biotechnology; Chemistry; Environmental Science; Food Science; Nanotechnology; Physics
The next tour will be run Monday 30 June. For information go to http://www.rmit.edu.au/events

Workshops at JMC Academy:  Opportunities to attend hands-on activities and workshops at JMC Academy during the school holidays in areas such as - Entertainment Business Management; Popular Music; Film & Television, Audio Engineering, Games Design, and Animation
For more information and to register, go to http://www.jmcacademy.edu.au/

A Day in the Life of a Designer:  Immerse yourself for a day in the life of a designer in your choice of: Branded Fashion; Commercial and Residential Interior Design, Communication Design; Interaction or Motion Design, 3D and Animation or Digital Media.
To be held in Melbourne on Saturday 12 July.  To register, go to www.billyblue.edu.au.

Monash Computer Games Boot Camp: This event is run by the Faculty of Information Technology for students interested in becoming a professional gamer, building and designing games or simply playing games. The program runs between Saturday, July 5 – Friday, July 11 at the Clayton Campus.
For more information and to register, go to https://cgbc.infotech.monash.edu/

Keeper for a Day:  If you are keen to find out what it takes to work in a zoo and care for animals, then maybe attending the Keeper for a Day program is for you.  This is run at Werribee Open Range Zoo (July 1, 3, 7, 9) http://www.zoo.org.au/werribee/whats-on/keeper-for-a-day and Healesville Sanctuary (July 1, 2, 8, 9,) http://www.zoo.org.au/healesville/whats-on/keeper-for-a-day

Vet for a Day:  This program allows students to work in the Healesville Sanctuary Vet Hospital for the day assisting the Veterinarian. Dates are July 2, 3, 9, 10
To register go to:   http://www.zoo.org.au/healesville/whats-on/healesville-sanctuary-vet-for-a-day

Student Careers Conference at Melbourne Zoo: Students who are passionate about wildlife and the environment are invited to attend this conference and learn about the diverse range of careers within the zoo. Students will meet zoo professionals who will outline the breadth of opportunities within Melbourne Zoo and discuss their career journeys. Students will also be able to tour the zoo and meet the educational animals. The conference will be held on August 1. To register, go to http://www.zoo.org.au/education/schoolprograms/melbourne/

Year 9/10 Subject News!!
By the end of this week, all Year 9 and Year 10 students would have attended very informative presentations from Kirsty Tassell from MacDonalds, Swan Hill. Kirsty has very generously given her time to not only inform students about opportunities through MacDonalds, but has also given students a very good insight into ‘Getting Ready for Work’, the importance of having a Resume, how to apply for positions, interview techniques and what qualities the majority of employers are looking for.  We have really enjoyed Kirsty’s presentation and sincerely thank her for making time to speak to students.

Laura Crow and Brenda Brady
Pathways Team

ENROLMENTS NOW OPEN FOR 2015
Applications close 14th July, 2014

Any families wishing to enrol their child in Year 7 in 2015 may obtain information and application forms at the Front Office or by contacting Mrs Mandy McCallum.
phone: 50329771 or email: mmcallum@mackillopsh.vic.edu.au
Year 12 Chemistry Excursion to La Trobe University, Bendigo

The Year 12 Chemistry classes from both St Mary MacKillop College and Swan Hill College travelled to La Trobe University, Bendigo on 29th May to complete their practical SAC task involving the Preparation and Analysis of Aspirin. Analytical instruments generally only available in research laboratories were utilised and guest speakers outlined the Health Science courses and modern facilities on offer. Students also had the opportunity to visit the Human Anatomy Laboratory, watch Health professionals in training and take a tour of the residential accommodation available at La Trobe. Overall, it was a most informative day and I would like to congratulate our students on their keen participation and sound laboratory skills.

Sally Looney
Year 12 Chemistry Teacher

Frank Mobilio in the Human Anatomy Laboratory, La Trobe Bendigo

Emma Haley with her freshly prepared sample of Aspirin.

THE LISTENING PROGRAM

This year some Year 8 students have been taking part in a trial program called, ‘The Listening Program’ (TLP). This program uses Music Listening Therapy to provide engaging brain stimulation to improve performance in school, work and life.

The aim of the TLP is to retrain the brain to have a high functioning (normal) audio processing that is dynamic; the brain does the right things with what it hears. An example of this is listening to someone during a conversation, storing what they said, processing it and responding to it in an interactive exchange.

The program is run before lessons commence in the mornings, kicking off its first session at 8.15am and finishing its last session at 8.50am, 5 days a week, over a 20 week period. Each session runs for 15 minutes and uses modified classical music. The music is streamed through a special designed IPod and ear phones.

As we arrive at the end of Term 2 the students are beginning to show real signs of longer engagement, focus and ability to sit still.

This program is run out of The Learning Support Area. Please contact Melissa Roberts through Reception on 50329771 if you have any queries in regard to this program.
NEON Glow Party Rezous

Tyntyders Football Clubrooms  20th June 2014  7pm - 10pm  12-18 year olds

This event is strictly drug, smoke and alcohol free - with no pass outs

Call 0410 260 065 for more information

GRDC
Grains Research & Development Corporation

BCG
BCG shared solutions

BCG GRAINS RESEARCH EXPO

+ WHEN
Thursday 3 July 2014
8.30am to 4.00pm
Breakfast 7.30am

+ WHERE
Birchip P-12 School
Sunraysia Hwy
Birchip VIC 3483

+ COST
BCG members: FREE
Non-members: $50

+ MORE INFO
BCG.org.au or
03 5492 2787

+ SESSIONS
+ Microwave and robotic weed control technology
+ Tow-behind vs. self-propelled sprayers
+ Strategic succession planning: farm boards
+ Making use of machinery data
+ Farm software and apps
+ Livestock marketing: targeting premiums
+ Working dog demonstration
+ Grain storage economics and marketing
**DIAMOND room**

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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8.45 - 10.00am</td>
<td>Official opening: launch of a new DEPI/BCG project</td>
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<td>The Hon. Peter Walsh MP</td>
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<td></td>
<td>Richard Clark, GRDC Chairman</td>
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**What's the forecast?**

- What is the optimal management strategy given the seasonal outlook, and how can I use POAMA forecasts practically?
- Dale Grey, DEPI
- Peter McIntosh, CSIRO

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>1.00 - 2.00pm</td>
<td>Microwave and robotic weed control technology</td>
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<td>Discover the use of robotics and microwave technology for killing</td>
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<td>weeds and weed seeds in broadacre agriculture.</td>
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<td></td>
<td>Dr. Graham Brodie, University of Melbourne</td>
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<td>Robert Fitch, Australian Centre for Field Robotics</td>
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<th>Time</th>
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<tr>
<td>3.00 - 4.00pm</td>
<td>Managing and marketing bulk grain</td>
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<td>Assessing the economics involved in various grain storage systems,</td>
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<td>and get informed on grain markets and forecasts.</td>
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<td></td>
<td>Chris Warrick, ProAdvice</td>
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<td>Malcolm Bartholomeaus, Avant Agri</td>
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**TECHNOLOGY hub**

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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>10.00 - 11.00am</td>
<td>NBN: getting connected on-farm</td>
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<tr>
<td></td>
<td>Gain efficiencies by improving internet service, centralising</td>
</tr>
<tr>
<td></td>
<td>management and getting properly connected on-farm.</td>
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<tr>
<td></td>
<td>Lalla McKenzie, NBNCo</td>
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<td>Ian Ware, APA Sound</td>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>1.00 - 2.00pm</td>
<td>Farm software and apps</td>
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<td></td>
<td>Discover what to look for and what is on offer in farm software</td>
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<td></td>
<td>and apps to suit your farm business.</td>
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<td></td>
<td>James McShane, FarmWare</td>
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<tr>
<td></td>
<td>Tom Cowlick, Back Paddock</td>
</tr>
<tr>
<td></td>
<td>Michael Pengilley, ProductionWise</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00 - 4.00pm</td>
<td>Data to decisions: making use of machinery data</td>
</tr>
<tr>
<td></td>
<td>Put the data collected on your machinery to use for decision</td>
</tr>
<tr>
<td></td>
<td>making, and learn about new UAV data collection technology.</td>
</tr>
<tr>
<td></td>
<td>Andrew Whitlock, Precision Agriculture</td>
</tr>
<tr>
<td></td>
<td>Phil Lyans, Falcon UAV</td>
</tr>
</tbody>
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**LIVESTOCK room**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>10.30 - 11.30am</td>
<td>Livestock marketing: targeting premiums</td>
</tr>
<tr>
<td></td>
<td>Livestock marketing is as complex as grain marketing; know when to</td>
</tr>
<tr>
<td></td>
<td>sell, match targets to forecasts and know your options.</td>
</tr>
<tr>
<td></td>
<td>Angus Brown, Mecardo</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>2.00 - 3.00pm</td>
<td>Hay in the whole farming system</td>
</tr>
<tr>
<td></td>
<td>Determine the feed value of hay, integrated weed management</td>
</tr>
<tr>
<td></td>
<td>benefits and incorporating hay into the whole farming system.</td>
</tr>
<tr>
<td></td>
<td>Jeff Braun, Agrilink Agricultural Consultants</td>
</tr>
</tbody>
</table>

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**DEMONSTRATIONS AND SPECIAL FEATURES**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>10.00 - 10.45am</td>
<td>Cooking lessons with Brianna Smith</td>
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<tr>
<td></td>
<td>Sous chef, Spice Temple, Melbourne</td>
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<tr>
<td>2.00 - 2.45pm</td>
<td>Grain vs. grass fed lamb dressing</td>
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<tr>
<td>11.45am - 12.30pm</td>
<td>Bourke's Butchers, Birchip</td>
</tr>
<tr>
<td>9.30 - 10.15am</td>
<td>Train the trainer: working dog demonstration</td>
</tr>
<tr>
<td>1.00 - 1.45pm</td>
<td>Barry Price, Moora dog stud</td>
</tr>
<tr>
<td>3.00 - 4.00pm</td>
<td>Header health high tea, East Wimmera Health Service</td>
</tr>
<tr>
<td>All day</td>
<td>Youth activities bus, Wimmera Uniting Care</td>
</tr>
<tr>
<td>All day</td>
<td>Mallee CMA waterwatch trailer</td>
</tr>
</tbody>
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*BCG acknowledges GRDC for their partnership.*