



Edition 7—12 May 2015

## Artificial heart designer visits ISC

On Wednesday, 7 March, the Weekend Australian magazine had a feature article on Dr Daniel Timms, a Queensland engineer who has designed and built an artificial heart with his team of scientists, engineers and surgeons from around the world.

This week, Dr Daniel Timms from the American artificial heart company BiVACOR Inc. ([www.bivacor.com](http://www.bivacor.com)), visited our school to discuss artificial organs and more to the heart of the matter, his project on the creation of a total artificial replacement heart. The students were exposed to the complexities involved in this type of project from the chemistry, maths, physics and biology required, to the animal ethics and the intricacies of managing a world-wide team of experts to bring a project like this to realisation over more than 12 years.

Dr Timms is now part of a team based in Houston in America and is currently completing some business in Australia. He is the brother of Innisfail State College's Head of Department - Science, Mr Darrin Timms. "We were lucky enough that he has some time in Australia at the moment and were able to get him to talk to our brilliant young students" said Darrin Timms. "The opportunity for kids to talk to a real scientist and ask questions about a device that may well be implanted into people within the next 3 to 5 years is unfathomable and too good to pass up. All the kids are buzzing!"

Dr Timms visited the year 7 accelerated maths and science class (pictured with some of these students) as well as the Senior Biology, Maths B and Physics students.



Lachlan Provians, Isabella Bulstrode, Renae Kneubuhler,  
Dr Timms, Kylie Vecchio & Jachaiya Timms

## Senior debating - Round 2

The interesting yet topical proposition "That welfare payments are a privilege not a right" was the subject of our latest debate. Our team featured Liam Baker, Shawnee Barbera and Nikitta Kagl who each presented a thought provoking series of arguments that challenged the negative side for Trinity Bay State High School to rebut. And it was their ability in this area, along with their considerable eye contact that enabled them to score a close win. Nevertheless, our students performed admirably. It was wonderful too, having parents and family in attendance lending their support.

Mr Kym Marchant - senior debating coach



## Upcoming events

Tue 12-Thu 14 May Tuesday 12 May Wed 13 - Fri 15 May Wednesday 13 May	NAPLAN for all Years 7 and 9 students Maths tutoring all year levels 3-4pm - XG02 Yr 11 camp - Mungalli Falls Maths A & Maths B tutoring 3-4pm - XG02 Boating Yr 12 MQC & Rec Studies Yr 12 PED canoeing
Thursday 14 May Friday 15 May Sat 16 & Sun 17 May Wednesday 20 May	English tutorial 3-4pm in the library NAPLAN catch up for absent students Overnight musical rehearsals Boating Yr 12 MQC & Rec Studies Yr 11 PED canoeing
Tuesday 19 May Wed 20 - Fri 22 May	Maths tutoring all year levels 3-4pm - XG02 Maths A & Maths B tutoring 3-4pm - XG02 Indigenous Leaders' conference Yr 11 geography excursion
Thursday 21 May	Yr 10 careers expo in Cairns - all students English tutorial 3-4pm in the library
Sunday 24 May Monday 25 May Wednesday 27 May Tue 26 - Fri 29 May	Musical weekend rehearsal 12-4pm Senior music assessment concert 4:30pm Australian History Competition Innisfail Young Performers

## Back to the Eighties - school musical



The performing arts department at ISC is really stepping up in Term 2, with the production of the annual school musical 'Back to the 80s' in full swing. The show follows the story of Corey Palmer, a high school student in the 80s and the girl next door, Tiffany Houston. Corey and his friends sing and dance their way through

senior year, reliving some of the greatest hits from the 80s, as well as some of the amazing fashions!

Students have been working tirelessly rehearsing scenes, dances and music to come together in Term 3 for what promises to be a spectacular performance. Cast members, as well as technical crew, will be involved in a full weekend rehearsal on May 16 and 17, sleeping in the Auditorium to rehearse the show day and night, and to build team spirit through some group activities.

Tickets go on sale on May 22 for the three shows on Friday July 31<sup>st</sup> and Saturday August 1<sup>st</sup> at 7pm as well as a matinee performance on Saturday August 1<sup>st</sup>. Tickets are just \$10 for adults and \$5 for students and will be on sale at the school office. Get in early for what will be an amazing show.

*Innisfail State College acknowledges the Mamu People, Traditional Custodians of the country in which this College is located, and pays respect to their Elders past and present and emerging.*

## Mummy madness in 7C

In Year 7 history, students have been learning about ancient Egypt. This has been an exciting history unit so far, and their study into mummification was no exception. Last week, Miss McKay's 7C class put their knowledge to good use when they mummified two classmates, Meg Williams and Rhyka Wickliffe-Adams. In a girls vs. boys class battle, the students explained and demonstrated each step of mummification, with the girls prevailing as professional embalmers.

Miss McKay - history teacher



## Yr 11 Snorkelling



The Year 11 Marine and Aquatic Practices classes have been studying Snorkelling and First Aid this term. Students attended the Innisfail pool to learn snorkelling skills and survival techniques.

Mrs Spletter - marine aquatic practices teacher

## Need for Feed



"Need for Feed" is a program sponsored by Diabetes Queensland to teach year 7-10 students healthy eating habits. On Wednesday afternoons for the next eight weeks 20 students will work in the college junior hospitality kitchen to prepare a nourishing and delicious afternoon tea and a dish to take home. They will also learn about nutrition and healthy eating. This week the students cooked chicken burritos for afternoon tea and an apple and blueberry crumble to take home for their family's dessert.

We are grateful to Miss Rodgers, Mr Harding, Mrs Thompson and Mrs Spletter for teaching this class and also to Mrs Hall for organising it.

## College's latest additions



Our college cowherd has grown with four calves born last week.

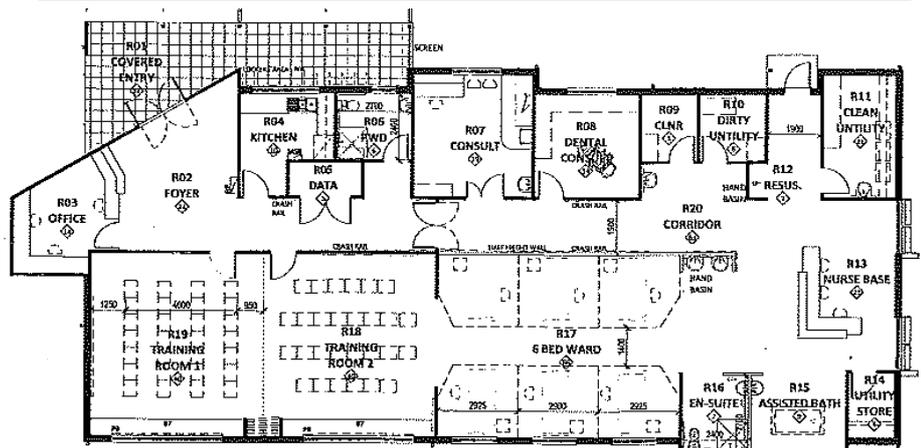
## Community news

We hear often about the terrible impact of drugs on our community, and on our youth in particular. Please remember that there is a community information forum this evening, Tuesday 12 May at 5:30pm at the Shire Hall, providing an opportunity for all interested persons to learn more from expert health practitioners and experienced counsellors about the drug "ice" and its impact on users.

All year 10, 11 and 12 students should now have a complete assessment calendar for this term. Please ask to see it and talk to your children about how to best use this very important planning tool.

Mrs MacDonald

## Construction commences on nursing education centre



Construction of our new Innisfail Health Trade Skills Centre has commenced. Education Queensland has appointed WIP Constructions to complete this work and we look forward to seeing our new building take shape over this term and next. It is anticipated that there will be very little interruption to the college during the building phase but nonetheless we ask students and families to be aware that we have a building site on campus and this may present inherent dangers. Please remain well away from the building site at all times. There will be a new, temporary entry point from Flying Fish Point Road for workers to access the site. Please do not use this to access the college. If you have any questions regarding this project, please contact our project managers, Mr Simon Whatling or Mrs Alana Robertson.