



## *THE BULLETIN*

**Rotary Club of Christchurch South  
District 9970  
PO Box 12-243, Christchurch 8242**

**SERVICE ABOVE SELF**



We were treated to an excellent presentation from Josh Ting whom we provided some funding to attend the Rotary Science and Technology forum in Auckland recently. The forum was over two weeks and included a wide range of modules and covered such subjects as: microbiology, chemistry and sports science.

Through all the discussion Josh was grappling with the dilemma of whether he would commit to medicine or becoming an "entrepreneur".

The chemistry part of the forum included such items as:

- An experiment on distillation, showing the process of purifying liquid/ alcohol.
- Lighting a bottle which has alcohol gas still in it.
- He concluded that chemistry was very much a case of pushing the boundaries.

Josh was also intrigued with the experiments associated with microbiology such as:

- Growing a series of bacteria in the test tube
- Specifically growing swab bacteria from the mouth
- Josh concluded the learning curve from all that was "attention to detail"



**Guest speaker Josh Ting, (Science and Technology Forum Awardee) , Josh was sponsored by our Club.**

In Terms of Sport Science, the forum was lucky enough to have the sports institute in Auckland. He showed another video testing the body performance on a treadmill at different speeds, and was amazed at the range of test they could conduct at slow, medium and fast speed.

Josh also highlighted "other cool stuff" which included

- The marshmallow Test- reducing the pressure inside a glass container meant the marshmallow expanded.
- The impact of putting a balloon inside liquid nitrogen
- Dealing with an optical illusion
- And a semi competitive volleyball competition with them all dressed in costumes and josh along with some other boys all purchased tutu's as part of their attire.

In summary Josh concluded that the lessons he learnt from the three disciplines experienced at the science and Technology forum would stand him in good stead for studying for medicine. He concluded that his passion was

still for medicine. Josh should be congratulated for giving us a passionate and enlightening presentation, and in fact it was up there with some of the best presentations we have had at the club

Thanks to Alan Stewart and Doug Johns for the report and photos

## NOTICE BOARD

**New Criminal Justice Precinct and Police Headquarters Site Visit 21st March 2018**

**Assemble at 5.30pm for 5.45pm sharp for tour of 1 hour duration**

**Following tour, meet at Armadillos Beckenham Function Room (previously Becks),**

**Colombo Street South for dinner at 7pm**

**Diary it now and please advise Doug Johns of those attending either one or both events**

cost of the dinner at Armadillos is \$20.

**Treasurer Bruce reminds [17] members that their subscriptions are still to come in.**

**Conference: Our club member registrations are slow coming in. Please support your hard working DG and conference committee by registering at : <http://www.rotarydistrict9970.org/sitepage/district-9970-conference/2018-registration>.**

**Don't forget that Conference is followed by the District Training Assembly on Sunday, 22 April, for incoming Club and District Officers and leaders - so, directors and Service Committees Chairs....**

**Keith would like to remind everyone about the AGM coming up 14 March for more information see Keith**

Duty	28-Feb-18	7-Mar-18		FROM	TO
Cash Desk	H Garlick	A Kim	G Dockrill	21/06/16	TBA
Cash Desk	B Wales	K Tanner	B Blyth	13/04/16	TBA
Reception	J McKessar	C McCarthy	M Whitehead	02/08/15	TBA
Speaker's Host	M Bruce	A McKinnon	M Ireland	01/01/17	TBA
Grace	R Mackie	L Bermingham	B Lawrence	02/08/15	TBA
International Toast	D Buist	M Opie	E Musson	01/01/17	TBA
Thanks to Speaker	S Haye	J Woodward	K Dalziel	14/02/18	14/02/19
Quote for the Week	D Johns	G Fowler			
Closure	A McCully	S Harris			
Speaker Reporter	J Woodward	A McCully			
Notices Reporter	A Stewart	A Airay			

## NEXT MEETING

WEDNESDAY 28 FEBURARY – SARITA MCLEAN – DG VISIT

**COMING SOON**

Wed 7 Mar

Prof Steve Wratten - Biodiversity, gardening and food security

Wed 14 Mar

Debbie O'Donoghue, Neonatal Nurse Manager. Also AGM

Our Club is on "Facebook" And the internet! You will find us at –

[www.christchurchsouthrotary.org.nz](http://www.christchurchsouthrotary.org.nz)

or <http://www.facebook.com/RotaryClubOfChristchurchSouth>

**APOLOGIES – Record your apology at the Reception Desk at a prior meeting**

OR

Email: [chcsouthrotary@gmail.com](mailto:chcsouthrotary@gmail.com) before 11.00 on the Wednesday - you will get a reminder a couple of days before the meeting re apologising and to advise if bringing a guest.

**EMERGENCY APOLOGIES** to Mike Bruce, 022 540 1251 or Val Nossiter, 339 8441

**DUTIES** - If you are unable to do an allocated duty, it is YOUR responsibility to arrange a substituent AND to advise the President.

**LEAVE of ABSENCE** (three weeks or more) advise the Secretary by email or in writing.