

BREAKING NEWS

The development of the oral polio vaccine more than 50 years ago is credited with virtually eradicating the illness worldwide. Now, researchers are looking ahead to the day when the disease no longer exists - even outside the laboratory.



Another reason to join the theatre party

To hasten that day, researchers in Britain are developing a **synthetic polio vaccine**. It works like one made from live, weakened virus, except it contains synthetic particles inside a viral shell.

The man-made vaccine mimics the structure of the polio virus, so it would be able to raise a strong immune response in humans. And because it does not contain the pathogen, there would be no risk of exposure, even in the case of an accidental release during the manufacture process.

Dave Stuart is a professor of structural biology at Oxford University and life sciences director at [Diamond Light Source](#), a high-tech light science facility in which X-rays and spectroscopy techniques are used to make synthetic vaccines.

Benefit of man-made vaccine

Stuart said the man-made polio vaccine could eventually eliminate pockets of infection in nature as the microbe dies out.

"What we are trying to sort of think through is how do we get to the point where we can stop vaccinating," he said.

"If the vaccine is not a virus, then you have got the chance of not producing virus and not have virus circulating in the environment. It will be very difficult, but one would hope that eventually you would be able to eradicate the virus. And then one could stop vaccination, because then the virus would have gone completely," Stuart added.

Source: [Voice of America](#) www.voanews.com

Next week:

Theatre Party to raise funds for Polio Plus. Movie starts at 6:45 Meet from 6:00PM – Nelson Bay Cinema.

If you haven't seen the first "Best Exotic Marigold Hotel" it is on Channel 10 this Saturday at 7:30PM.



Bulletin # 30 – 19/02/2015

Visitors this week



Jim Campbell

Penny Amberg

Natasha Jones

Raja Hick

Adrian Solomons

P S Council Community Development & Engagement.

PS Council Youth Advisory Panel

In this bulletin
Pg 2: Golf Day; Conference; Pride in Workmanship.
Pg 3: Cessnock Visit. If you don't read anything else in the bulletin - read this.
Great value raffles



Peter Martin
RC Denman

Stuart

P S Suicide Prevention

Kate Washington

State Political candidate

Frank Armstrong

RC Merriwa

Heads and Tails:
Warwick Mathieson

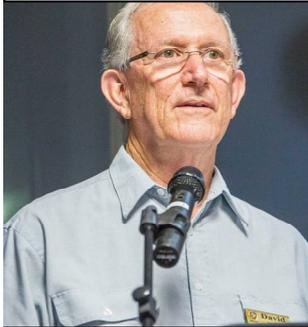
Raffle: Mike Jenkins

Birthdays:
 John Shaw 23 Feb
 Chris Markham 24 Feb
 Henny Craike 28 Feb
 Christine Smith 2 Mar

Anniversaries:
 Richard Harris & Athleen 1Mar
 Michael Mace & Robyn 7 Mar

Can't remember the last time we had so many visitors at a regular meeting. Sorry Frank, I'm sure our photographer will catch up with you over the next few weeks while you're visiting the area.

Members' Duties
None next week – movie night.



KYDS (Kuringai Youth Development Service)

Our speaker this week was David Morris from the Rotary Club of Lindfield. David explained to us the reason behind the development, and the current position of KYDS which was established in 2005 by his Rotary Club. The aim was to provide support for youth of the area through counseling in areas such as depression, anxiety, drug and alcohol abuse, low self esteem. Conflict resolution, education on bullying and advice on surviving the stress of sitting the HSC are some of the issues addressed.

The program has been such a success that they are often used as a template for groups wanting to set up in other areas. Port Stephens area is not immune to the pressures experienced in other areas and interest in such a program has been shown by the attendance at the meeting of representatives from Council, Youth Advisory Panel Members, Suicide Prevention Network and one of our State Government Candidates.

A sobering thought: According to Beyond Blue, 26.4% of Australian 16-24 years of age have a mental health issue. (2014 statistic)

Apologies/Extras To Ros Cribb by noon on Wednesday!

Ph 0401 450 239

Annual Rotary Charity Golf Day
Friday 6th March 2015
Nelson Bay Golf Club
(Our major Fund Raiser)



Need

- Players
- Sponsors
- Prizes



Major Sponsor



Key Beneficiary
"PCYC"

And remember, if you are not playing there will be plenty of jobs on the day - our major fund raiser of the year. So please let the organizers Greg Flux Ian Faulkner, Ken Arnett or Tim Ireland know your intentions.

RI DISTRICT 9670
2015 CONFERENCE



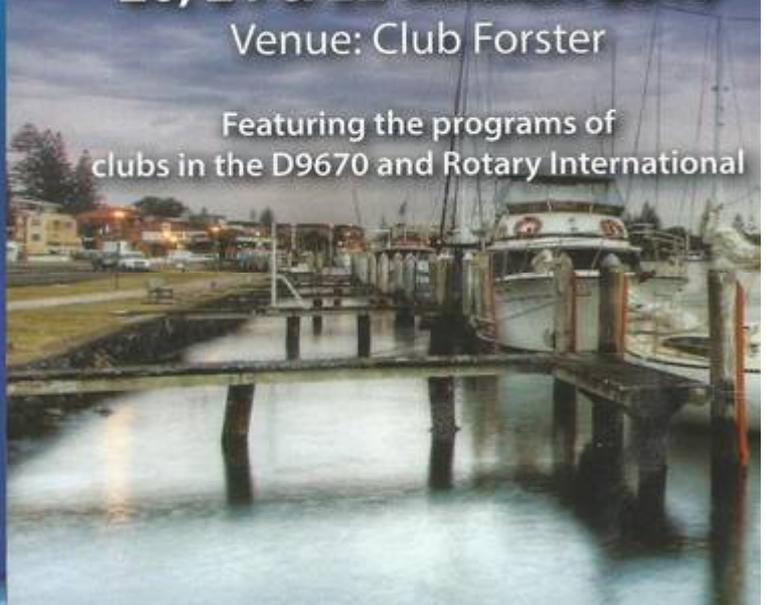
Rotary

*Waves of Change
Oceans of
Opportunity*

20, 21 & 22 MARCH 2015

Venue: Club Forster

Featuring the programs of clubs in the D9670 and Rotary International



Pride in Workmanship

Nominations now being sought.
(Must be received by March 6th).
Get nominations in to Tricia Parnell or John de Ridder ASAP.



Pride
in
Workmanship
Awards

**DINNER
Presentation**



Date: 30th April 2015
Venue: Nelson Bay Bowling Club
Time: 6pm for 6.30pm start

Cessnock Visit: 15th March (Sunday)



Wow. Don't miss this one. Our turn to host the Rotary Club of Cessnock.

Boat leaves Soldiers Point Marina at 10:30 AM (be there at 10:00).

\$40 (children under 18 free) will give you the 2 hour cruise, prawns, oysters and wine during the cruise and will finish with a BBQ at the Yacht Club. Depending on the numbers, cruise will be on the MV Wallamba (The Wally), or the Tamboi Queen. (I'm thinking we might need one of the P & O Cruise Ships with value like this).

If you haven't already booked in contact John de Ridder quick smart!



END POLIO NOW
Film Night Raffle
 1 Ticket for \$5, 3 Tickets for \$10
 8 Tickets for \$20.

Luxury Escape in Port Macquarie

- 3 nights & 4 days for 2 people!
- 3 Nights Observatory Hotel Ocean View Hotel Room
- Two Hour River Cruise
- Winery Tour with Tastings
- Strawberry Picking & Take Home Pack
- 2 - for - 1 Maze Entry
- 2 - for - 1 High Tea and More
- Value \$812



Peterson House Hunter Valley
 ➤ Half a dozen mixed wines
 ➤ Value - \$100



Lisa McGuigan Wines
 ➤ Half a dozen mixed wines
 ➤ Value - \$100



Taj Tandoori Indian Restaurant, Nelson Bay
 ➤ Dinner for 2 - Value \$50
Wharf Seafood Restaurant, Nelson Bay
 ➤ Dinner for 2 - Value \$100
L'i Buddha Asian Cuisine, Salamander Bay
 ➤ Dinner for 2 - Value \$50



Nelson Bay Cinemas
 ➤ 6 Double passes
 ➤ Value \$31 for each Double Pass



ANNUAL CHARITY
GOLF DAY Raffle
 1 Ticket for \$2
 3 Tickets for \$5
 7 Tickets for \$10

PCYC - Let's resurface the auditorium floor!



- Moses Golf Pro Shop**
- TaylorMade Aero Burner Driver
 - The AeroBurner driver features an advanced aerodynamic shape designed with a rounder toe, raised centre crown and new hosel fin to deliver maximum distance
 - Model supplied is 9 degree stiff shaft
 - Can be swapped for ladies model
 - Value \$399



The Point Restaurant, Soldiers Point
 ➤ Dinner voucher
 ➤ Value - \$80



Tempus Two Wines, Hunter Valley
 ➤ 3 Bottles of wine
 ➤ Value - \$50