



Tulip Times



**The Rotary Club of Bowral Mittagong
District 9710 Chartered 26 March 1940**

Email : rotarybm@bowralmittagongrotary.com

Website : www.bowralmittagongrotary.com

Secretary Sue Adams 0438 249 703
Address PO Box 194, Bowral NSW 2576

**Meetings : 6.00 for 6.30pm
The Highlands Golf Club, Old Hume Highway
Mittagong NSW 2575**

Visiting Rotarians	Janet Sinclair, RC Canberra City, Eric Conley, RC BD	
Guests	Numerous guests	
Makeups	Please request these at the registration desk or advise Trevor Fair asap.	
Next meeting.....	Apologies to Trevor Fair 4861 6917 or 0403 176 958 before 11am on day of meeting Members not apologizing may be liable for the dinner fee!	
	Tuesday 28 th June 2016	Tuesday 5 th July 2016
Location	Highlands Golf Club	Highlands Golf Club
Time	6:00 for 6:30 pm	6:00 for 6:30 pm
President	Ian Cropper	Ian Cropper
Program	Organic Farming	Fellowship
Speaker	Melanie Ison	Ian Cropper
Intro/Vote of thanks	Rod Aistrophe	
Dinner Fees	Robbie Allen	Jacinta Sheridan
Meeting Host	Rosemary Kelly	
Journalist	Trevor Fair	Trevor Fair
Sergeant	Lynton Kettle	Lynton Kettle
Regalia	Terry Mortensen	Trevor Fair
If unable to do duty, please find a replacement and advise Mark Wallace by email wallace9710@inet.net.au		

Journalist: Trevor Fair

Sergeant Lynton was warmly received (good job Jim as deputy Sergeant). President Ian welcomed all visitors to the meeting, especially guest speaker Dr Andrew Stone.

Induction of 2 new members -

Melanie Ison
Jacinta Sheridan

Melanie Ison receiving her Rotary Badge



Jacinta Sheridan receiving her dinner badge



International Toast - Rod Aistope

The official birthday of **Grand Duke Henri of Luxembourg** is this Thursday, 23rd June and the people of **Luxembourg** celebrate it as their **National Day**.

Luxembourg City was a fortress of the Roman Empire. Since then, because of its small size and precarious position surrounded by France, Germany and Belgium the country has been occupied and been part of all of the surrounding countries for most of that time.

The country has a population of 563 000 with the highest per capita GDP in the world at \$140 000. At the same time it has an external debt of \$5 million per person but still has international credit ratings of AAA - just like us.

Its National Motto is "We want to remain what we are".

There are 13 Rotary Clubs in Luxembourg of a total of 103 Clubs in District 1630 which also covers part of Belgium.

The Rotary Club of Luxembourg Shuman was chartered in 2009 and has 24 Members led by **President Mark Ketter**.

They recently catered to a Jazz Festival in the city. They don't have the barbecue culture we have so they serve very fine hot dogs.

This is a fund raiser which supports their project for people with disabilities to have a fun day out. They provide vintage car and steam train rides and river cruises on the Moselle River which runs through the city.

Luxemburg City



Announcements

- RYE - Rems Student arriving 22 July
- Changeover - 12 July - Table decorations
Julie looking to offload the task, or get some helpers
- Bowral's Got Talent - Wednesday Cambodia fundraiser
- Movie Night 25th August - Based on Founder of Macdonalds
- Vanuatu Go Fundraiser crowd fundraiser - please circulate the link to as many members as possible. Sue to circulate link.
- Rex Blatch - suffering from severe burns to legs. Will be home from Concord Hospital shortly.

Guest Speaker - Dr Andrew Stone
Understanding the Human Genome –
Garvan Institute



(Editor's Disclaimer – much of the presentation was not absorbed hence I may not have correctly recorded the details?)

Garvan Institute was set up in 1963 by Sisters of Charity, St Vincent's. It currently employs 700 scientists, students and support staff. Cancer research metabolic diseases, neurological diseases, bone diseases are the areas of key focus.

Kinghorn Centre for Clinical Genomics was established in 2012 for state of the art genomic sequencing.

Each person contains 3.2 billion genomes give rise to variations in make up, which gives rise to variations in all animals, including humans (eg red hair etc). Analysis of the genes allows scientists to find the variations and their disposition to being erroneous.

Human genome background. In 1990 it was decided to sequence the human genome cost USD \$3.2 b.

Illumina HiSeq X Ten can sequence 18000 people per year. Garvan is only one of 3 in the world with this technology.



NASA developed the optical reading to be able to read the DNA within the cells. Between 2 individuals there could be 4000 variations. By analysing the cancerous DNA against normal DNA it is possible to prescribe the correct drug. It does not matter where the cancer is in the body, it is the type of cancer that is the key.

Currently the Centre is gathering samples from well, elderly people to try and identify what genes are prevalent in healthy population.

The basis of the research is to get a very big population of statistics, in order to be able to compare the data and then be able to identify cancers etc.

See photo for summary.

Garvan is funded through donations and some govt funding.

Illumina HiSeq X Ten



In Summary

- Garvan has the most powerful sequencing technology in the Southern Hemisphere
- At KCCG, it is intended to use this technology to further accelerate the understanding of both health and disease
- Garvan engage with the global research community and share the findings to improve health care worldwide
- Garvan are at the cusp of deploying the research technology into the Australian healthcare system for the diagnosis of rare Mendelian (inherited) disorders in children

Diary Notes

- 26 June – District Changeover
- 12 July – Club Changeover
- 17 July – Inner Wheel Changeover
- 10 Sept – Clown Dr Ball, Mitt RSL
- 13-25 Sept – Tulip Time, Corbett Gdns



PRESENTS A VARIETY SHOW
FUNDRAISER IN SUPPORT OF
THE **BLACK DOG INSTITUTE**

HELP US TO HELP OTHERS

GROOVE AWAY THE BLUES!

AND RAISE FUNDS FOR A GREAT CAUSE!

1 in 5 Australians will experience a mental illness in their lifetime, less than 50% seek professional help with often tragic consequences.

All money raised will go directly to the **Black Dog Institute** to help them raise awareness and education as well as carry out more research into diagnosis, treatment and early intervention.

THE SHOW WILL FEATURE A RANGE OF LOCAL TALENT PERFORMING BURLESQUE, PROFESSIONAL POLE DANCING, ZUMBA, ACAPELLA SINGING, GYMNASTICS, DANCE & MORE. THE FUNDRAISER WILL BE HOSTED BY AWARD-WINNING SYDNEY BEAT BOXER - BERNIE VAN TIEL. THE NIGHT WILL ALSO INCLUDE A RAFFLE & A LUCKY DOOR PRIZE WITH GREAT PRIZES TO BE WON!

Saturday July 16, 2016

7:30pm

Bowral High School

Cnr Aitken & Park Rd Bowral

TICKETS Adults: \$25
Children: \$10
Family (2A; 2C): \$60
Children under 5yr: FREE



**Black Dog
Institute**

www.blackdoginstitute.org.au

Tickets can be purchased from:
<http://www.ticketebo.com.au/grooveawaythebluesfundraiser>



Annual Raffle

- | | |
|------------------|---|
| 1st Prize | Hyundai i30 Active X Automatic Hatch,
including all on-road costs, metallic paint
<i>Value \$28684</i> |
| 2nd Prize | Ironstein Wrought Iron Chandelier, hand forged
<i>Value \$3500</i> |
| 3rd Prize | Dean Trailers Garden Tipping Trailer
<i>Value \$1000</i> |
| 4th Prize | Opal from Ackroyd Opals
<i>Value \$500</i> |
| 5th Prize | Sydney Harbour Marriott Accommodation,
one night including breakfast
<i>Value \$300</i> |
| 6th Prize | VIP Dinner, including beverages, for 4 at
The Shaggy Cow, Mittagong
<i>Value \$300</i> |

This raffle is an initiative of The Southern Highlands Support Group, who fundraise for Clown Doctors. The raffle is run in conjunction with the group's Annual Ball. This will be held on Saturday 10th Sept, 2016 at Mittagong RSL, where the raffle will be drawn.

Please contact Amy at amy.robbins@clowndoctors.org.au or Jan and Paul at cicique@bigpond.net.au for more information.

www.clowndoctors.org.au