



District 9820

RI President: Ron D. Burton
District Governor: Tim Moore
Assistant Governor: Brian Mellady

ROTARY CLUB OF FRANKSTON NORTH INC
Chartered 7 May 1973

Web: www.rotaryfrankstonnorth.org/

President: Don MacDonald
President Elect: Maureen Gillham
Past President: Judi McKee
Secretary: Mark Sammut
Treasurer: Russell Cock
Sergeant at Arms: Con Demopoulos
Directors:
Bill Fowler Vocational
Eric Neill Membership
Tony Spring Foundation
John Tame Services
Linda Tinney Public Relations

Club Meetings:
Every Wednesday at the International Motel,
389 Nepean Hwy, Frankston - 6.00pm for 6.30pm.

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THE FOUR-WAY TEST

Of all the things we think, say or do . . .

1. Is it the TRUTH?
2. Is it FAIR to all concerned?
3. Will it build GOODWILL & BETTER FRIENDSHIPS?
4. Will it be BENEFICIAL to all concerned?

FROM PRESIDENT DON



The 7th of May meeting marked the 41st anniversary of Frankston North Rotary and PDG David Loudon made a toast to our anniversary along with a mini review of how the Club was established, and gave mention of some of the charter members. The avenues of service led by the current directors gave a "10 second" update on their best achievement in that service for the year. We have achieved many things this year along with some firsts in the new approach to the RI Foundation Global Grant.

It was my privilege to induct Rotarian Beverly Unitt and I wish her the best for her service to our Club and Rotary generally.

Radio Astronomy is a very specialised field in Cosmological research and we were given a superb presentation on current thinking by Dr Bart Pindor- he mentioned that Australian Scientists had contributed much to this field of research and he very kindly mentioned James Clark Maxwell a Scot who provided the mathematical equations upon which the existence of wave motion is calculated and understood.

THIS WEEK'S PROGRAM

6:00 for 6:30 pm
"The Person in Rotary—Fellowship"
PP Judi McKee

MILESTONES



ROTARY ANNIVERSARY:
Nil



WEDDING ANNIVERSARY:
Nil



BIRTHDAYS:
Nil

LAST WEEK'S PROGRAM

Chairman: David Louden
Apologies: Barry Dean, Maree Hutchins, Brian Capon,
Leave of Absence: Bob Edgar, Michael Shanks, Rob Pill, Rod Puls
Guests: John Unitt, Bob Smith, Vicky and Tom Strickland, Judy Granger, Jeni Blake, Declan Hood



Our newest Member, **Beverley Unitt**, was introduced by Eric Neill and formally inducted by President Don. Beverley has in excess of 40 years experience in retail, communication, customer service, sales and leadership roles. She is the director and founder of BE YOU- SUCCESS COACHING which she launched in 2011. This is a training and coaching business – with the message “*We’re on a mission to inspire people to create magnificent lives*”. Specialising in thinking, communication and behaviour for team performance and leadership skills, the workshops, presentations, courses and coaching sessions offered by BE YOU are inspirational and outcome focused.

Beverley is married to John, a professional musician, and now lives in Frankston after many

years interstate. She has some connections to Frankston North, having grown up there and is heavily involved in the Pines Festival, which we assisted with this year. Her son Lee also did Rotary Youth Exchange. Beverley’s classification is Professional Development. Club Members welcomed Beverley into the Club and wished her a long and happy association with Frankston North Rotary

SERGEANT CON'S Fact of the Week:

Spiders tend to incite more fear than favour and even provoke phobias for some. And many a visitor to our shores have been more than a little worried about our venomous eight-legged friends.

It's true that we have some of the most venomous spiders in the world, but Australia's spider reputation is bigger than its bite; records show no deaths from spider bites since 1981.

The fact is that, from a human perspective, spiders just aren't that dangerous. While many spiders can give you a nip, in most cases it is less troublesome than a bee sting.

Spiders are the most widely distributed venomous creatures in Australia, with an estimated 10,000 species inhabiting a variety of ecosystems. But even though spiders live around us, from our urban centres to the bush, bites are infrequent. In fact, spiders are less life-threatening than snakes, sharks, or even bees.

While we all still happily get in our cars (about 1000 people die each year in car crashes), then we can't really worry about spiders.

Antivenom for two of our more dangerous spiders, the *funnel-web* and the *redback*, has been available since the 1950's and 1981 respectively. It is only administered when the envenomation is really severe, which is rarely the case.

Spider venom contains a cocktail of chemicals, some of which can be harmful to humans—but humans are not the intended victims. Spider venom is designed for small prey and delivered in small quantities that, while often fatal to tiny creatures, can be handled by bigger organisms. When injected to a horse, for instance, spider venom triggers the animal's immune system to produce antibodies to fight the effect of the toxin.

President Don:

- Don invited Directors and Chairman to talk for 10 seconds on there highlight for the year.
- Bill Fowler:* The Vocational Awards we presented to the worthy recipients.
- Tony Spring:* The Global Grant for gardens and chook sheds in Tonga.
- Linda Tinney:* The excellent user friendly award winning website built by Vicky Strickland.
- Eric Neill:* The Community Engagement Evenings and membership successes.
- Judi McKee:* The Twilight Long Dinner for Foundation.
- John Tame:* The close association we have developed with the Frankston North Community.
- Russell Cock:* The accountability protocol on finance management we developed.
- David Hanlon:* The new Rules and By-Laws that we will be voting on later this month.
- Geoff Magor:* The level of Community Raffle participation.
- Mark Sammut:* The rebranding exercise, identity and increased awareness of our Club it fostered.
- Maureen Gillham:* The Multi District Presidents Elect Training Seminar.

Secretary Mark:

- ✓ We will be holding a Special Annual General Meeting on 28th May to consider the new Club Rules and By Laws that have been amended in accordance with the Victorian Government changes to the Corporations Act. The proposed new Rules and By Laws have been emailed to all Club Members and we are asked to read them and be prepared to vote on their acceptance at the Special AGM.

Announcements:

Eric Neill:

- ✓ Planning for the Community Engagement Evening on Wednesday 11th June This will be a great networking occasion for local business leaders and professionals to meet and discuss common issues and challenges we face within the community. Members are asked to send flyers out to prospective attendees and visit selected businesses in the Carrum Downs/Frankston North area.

Geoff Magor:

- ✓ Ticket Sales for the Community Raffle are to finish on 14th May and sold/unsold tickets and money to be returned by 21st May. So Rotarians need to be talking to their assigned organisations now.

Club Anniversary

We celebrated the anniversary of being granted our Rotary Charter on 7th May 1973. Our first official Meeting was our Charter Night on 7th June 1973 and was held at the Pier Hotel with 480 people in attendance. The Charter, signed by RI President Roy Hickman, RI Secretary Harry Stewart and District Governor George Allsop was presented by DG George to Charter President Lloyd Worland. We were sponsored by RC of Frankston and had 24 Charter Members. During its first year, the RC Frankston North provided furniture for the Mt Eliza Geriatric Centre and a Cardiac Monitor to the Frankston Hospital. We purchased and repaired toys from funds raised from fetes run at Lloyd Worland’s Drive in. We had our first International project by providing assistance to the RC Madras West in India for an orphanage.

NEXT WEEK

6:00 for 6:30
Winging it with Wayne

KEY DATES

- 11 June - **Community Engagement Evening**
- 25 June - **President’s Night**
- 28 June - **Club changeover**
- 29 June - **District Changeover**



Australians all let us rejoice
For we are young and free
We've golden soil and wealth for toil,
Our home is girt by sea:
Our land abounds in nature's gifts
Of beauty rich and rare,
In history's page let every stage
Advance Australia fair,
In joyful strains then let us sing
Advance Australia fair.

THE INVOCATION
“For good food, good fellowship and the opportunity to serve through Rotary, we give thanks”

THE LOYAL TOAST
“To The Queen, and the People of Australia”

MAY IS AUSTRALIAN ROTARY HEALTH MONTH

Guest Speaker:

Dr Bart Pindor

“What is Radio Astronomy?”



Dr Bart being thanked by Chairman David Louden

Bart is a Research Fellow in the School of Physics at the University of Melbourne. He received his BSc From the University of Toronto and his PhD from Princeton University. He has worked on gravitational lensing on instrument testing for the successor to the Hubble space telescope. He is currently engaged in attempting to detect radio waves from the early Universe.

What is Astronomy? The simple answer is Astronomy is the study of things in space and Astronomers look at stars, planets, galaxies, etc, through large optical telescopes.

What is Radio? Radio is not simply a device that transmits noise but the type of electromagnetic wave that carries data, such as encrypted music or human voice. Radio waves are the shortest frequency waves in the electromagnetic

spectrum, which includes microwaves, infer-red, visible light, ultraviolet, X-rays and gamma waves. The only waves than efficiently penetrate the Earth’s atmosphere are Visible light and Radio waves, so this is why telescopes use either Visible and Radio waves. Using two different avenues of receiving data from space enables astronomers to view things in two different ways, each of which provides unique information about the same object. For example, Radio Telescopes enable us to see black holes in distant galaxies, while Optical Telescopes cannot.

Radio Telescopes are metallic arrays, such as the 64metre dish at Parkes, NSW. The largest Radio Telescopes are 300 metres in diameter because radio waves have a relatively large wavelengths and require a larger reception area to obtain sharp images than the shorter wavelength visible waves detected by Optical Telescopes.

The Crab Nebula is a supernova the exploded in the year 1054 and is still providing data to Earth via Radio Telescopes. Pulsars were discovered through a Radio Telescope from the Crap Nebula. Pulsars are sudden regular radio emissions of a neutron star, which is emitting energy while rotating. A strong magnetic field concentrates the fallout from the explosion leaving gaps for the radio waves to escape, much like a lighthouse, giving pulsating emissions of radio waves.

Bart is currently working on a Radio Interferomely project, in which a large number of small movable aerials spread over a very large area which can be combined to provide information similar to a dish of the same overall area. The Murchison Widefield Array of 128 antennae is located 300 km inland from Geraldton, WA in a 3 km radius of the central site. Among other goals, this project is attempting to track radio waved generated from the very early Universe. Australia pioneered this relatively inexpensive technology of extending the reach of radio wave detection and will host part of a huge Array project of an international collaboration to build the world’s most powerful Radio Observatory in a location similar to the Murchison Widefield Array.

Declan Hood, a Year10 Patterson River SC student, and Jeni Blake of the Dept. Education and Early Childhood Development (DEECD) Visiting Teacher Service attended Dr Bart Pindor’s presentation. Declan has been selected for a Space Camp for the Visually Impaired to do a weeks astronaut training at the US Space and Rocket Centre in Alabama along with 5 other senior students later this year.

DEECD provides the teachers needed to support students travelling and, whilst in camp, as advisors in Braille and audio format. The students need to raise \$6000 to enable their participation. They are encouraged to give presentations, seek sponsors and raise funds as the benefits of engaging the community, working as a team and reaching a goal is a valuable part of the program.