



Rotary Club of Berri Bulletin



SERVE TO CHANGE LIVES

Meetings held fortnightly at the Berri Resort Hotel,
Riverview Drive, Berri. Mondays 6.15 for 6.45pm

District 9510 Governor – Jeff Neale

Area Governor – Craig Dowling



2021 – 2022 Board

President : Peter Jarvis Secretary/Treasurer : Bruce Richardson OAM
Directors : Tony Smith OAM, John Rix OAM, Past President: Mary Hansen

Last Rotary Meeting

Dr Kerry Halupka was our guest speaker for the Berri Club during our last meeting.

She attended with her father Garry Halupka. Dr Kerry is a Senior Machine Learning Engineer. Her education to reach this position of responsibility began here in Berri at the OLOR Primary School, her journey then took her to Loxton High School where she was exposed to NYSF and supported by the Loxton Rotary Club, thank you Loxton.

Her exposure to NYSF involved using Drones, and allowing the Drone technology to communicate with each other drone. We are in the future are we not? Also investigated was the idea of how Bees use their vision. And can we learn from their sight, can we understand their mechanisms and produce a computer programme to simulate this very ability.

This introduction then led onto studying the Bionic Eye, creating a Chip/Electrode to implant into the eye to assist photo receptor cells improving sight, to read and see faces. This seems to be still in its early stages of development with signs of success. Dr Kerry Halupka then went onto to IBM where she assisted with Medical Artificial Intelligence. When Doctors diagnose heart conditions the images are seen in 2d images, their task was to develop a 3-dimensional image to better see blood vessels that may be blocked etc around corners. From there Dr Kerry worked for the Victorian Government as a Data Scientist. Data drives policy decisions and when Covid hit, this information was reflecting how people mobilised themselves. Public transport, private or walking. All these trends were reflected in the Data collected to give an overview of the best way to manage the public during Covid 19 to prevent deaths.

From here Dr Kerry then went to work with CANVA a computer platform which has a website template where you can design anything you may need for work or home, Publishing from anywhere using Machine Learning. Check it out and it is free for Education purposes as well.



*Dr Kerry Halupka with
President Peter Jarvis*

Next Meeting 2774 9th May 2022

May 9th Meeting At Berri Hotel with guest speakers

Future Meetings – (Two each Month)

May 23rd Meeting At Berri Hotel
 June 13th Public Holiday – no meeting
 June 27th Club Changeover/Carryover

Dates for your Diary

June 17th Science & Engineering Challenge
 May 16th Board Meeting venue to be advised

Dates to remember

June 27th Club Changeover

5RM and Berri Rotary Easter Breakfast BBQ



Our thanks go to Senator Nicola Centofanti MLC, Andrew Gower, Lisanne & Isabella Jarvis, Kathy Richardson and Margaret Smith as well as club members, Peter, John, Mary, Steve and Bruce for their extra ordinary efforts in cooking breakfast at Easter time. Well done team.

Club Meeting Roster

Equipment	Plaques	Attendance:	Apologies to:
All members	All members	Tony Smith/Bruce R	Bruce Richardson

If you are unable to fill your rostered duties please contact Secretary Bruce