

I am Dr Julie McCredden, I have a PhD in cognitive science in neural network models of the mind. I work as an education researcher and research consultant. I am the president of ORSAA, here today with my colleagues Victor Leach and Steven Weller.

ORSAA stands for Oceania Radiofrequency Scientific Advisory Association. ORSAA is a not for profit charity made up of researchers and technical experts from the physical, biological, and human sciences. Free from industry and political influence, we have been investigating the effects of man-made electromagnetic radiation on human and planetary health. We have compiled a large database which includes all the locatable experimental papers published in science and medicine since 2012, military papers from the 1970's onwards, and all of the papers from the ARPANSA database. There are over two thousand experimental papers in our database, categorised into biological and health effects. The results are striking, in that about 70 percent of the papers show effects. That number of papers all pointing in the same direction from a wide range of disciplines cannot be easily explained away. Furthermore, when the studies are funded by government or institutions, then over ¾ of the studies show effects due to EMR exposures. When industry funds the studies, about 2/3 of the papers do not show effects.

In order to simplify the complexity of the situation, I will draw upon an analogy .. If I may take a few more minutes, in order to paint the picture for the committee.

We are all standing on the deck of a ship, called 5G. The shipping consortium is asking us all to fund this voyage to the **land of unlimited data**, to one of blue skies and discovery of new treasures. There is a flag on the deck that says **public consultation**. You have been sitting there for several days asking if this voyage will be safe. Oh yes they have said, the only thing to worry about is **overheating at sea**. We have an international sailing organisation called **ICNIRP** and a local branch called **ARPANSA** that has stipulated that to ensure a safe voyage we must measure the temperature of healthy sailors while they are on deck for 6 minutes to make sure their temperature does not increase by 1 degree. We have done this many times and not one of them has overheated. Oh yes, there are some claims worldwide about a **radiation sickness scurvy** in some past passengers that causes headaches, nausea, heart palpitations and fatigue when they are at sea, but we have **ACE experts** on hand who reassure us that this condition is just due to **fear of the unknown**. Some doctors and researchers have been calling for a fruit called **precaution** to be compulsory. but if we started talking that on board the passengers might start to **worry even more about the scurvy** and bring it upon themselves!

However, Mr chair and committee members, if one takes a magnifying glass, as science does, and inspects the boards beneath our feet we find that they are rotting with a fungus called **oxidative stress**, and that the ship's hull is full of borers called **DNA damage, redistribution of charges, changes to molecular bonds and calcium signalling, cell membrane damage, mitochondrial damage, mast cell activation, and synergistic effects with other toxins**. There are rates called changes in **neurotransmitters and hormones** running through the rafters.

We cannot say exactly when and how, but science has it that these borers and vermin are known to create huge leaks called **autoimmune disease, heart disease, anxiety, depression, diabetes, Alzheimers, reduced fertility, cognitive deficits, sleep disturbances and cancer**. Moreover, we are gravely concerned that this ship will be wrecked on the shoals of three possible destinations called **1. Marked deterioration in the physical and mental health of our children 2. A debilitated workforce and 3. Alterations to fundamental planetary systems**.

This journey is not optional. Every man woman and child in Australia must come on board. In spite of health and privacy concerns, many families are being pressed ganged by **small cells in their street beaming 24/7** and **thousands more satellites in the sky**.

The path that Australia choses to take as we face the proposed techno revolution will be shaped by the willingness of thinking people such as yourselves to open your minds to the available evidence and not be easily persuaded by simple arguments or media campaigns.. Our aim here is to provide you with some of the understanding that you will need to forge this journey. Thank you for this opportunity.