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Prof. Robert Mead

9.00 – 10.30 am

24 August – 21 September

### **FORENSIC INVESTIGATION OF HOMICIDE: THE HOW AND THE WHO (5 Lectures)**

A homicide investigation has to answer four crucial questions: **when** was the victim killed; **what** happened at the crime scene; **how** was the victim killed and **who** was the murderer?

In this series, the latter two questions will be addressed in detail and inherent ambiguities, discussed. From the disciplines of forensic pathology and forensic toxicology, injury recognition (in which you will be invited to participate) and the detection of poisons will be examined in an attempt to ascertain **how** the victim was killed. To answer the **who**, DNA profiling will be explained in easy to understand terms and you will be introduced to the latest DNA-based technologies, phenomics and forensic genetic genealogy. In **phenomics**, facial features such as eye and hair colour, face shape and ancestry are predicted from the DNA profile of the murderer so as to generate a possible “picture” of the perpetrator in the hope that he or she will be recognised by a member of the public. **Forensic genetic genealogy** is a fascinating new approach to solving cold cases, in which the murderer’s family tree is reconstructed from information contained in his or her DNA. Together, we will build the family tree of a murderer and identify a cold case killer! Each component of the series will be illustrated with intriguing cases.

*Prof Bob Mead is a Forensic Toxicologist who established the forensic degrees at Murdoch University. (He is also a National Teaching Excellence Award winner.)*

**Margaret Wilkes**

**11.00 am – 12.30 pm**

24 August – 21 September

### **WELLNESS FOR SENIORS**

Wellness is more than physical wellbeing. Getting a good diet, exercise and sleep are essential for wellness. In this course we will explore strategies to maintain good Mental Health as we age. We will look at topics including:

Mindfulness and meditation

Resilience building

Thinking well

Nature for healing

Healthy brain ageing and plasticity

Join in some exercises to help you in your senior years...

*Margaret Wilkes is a retired Psychologist and Lecturer. She has run similar sessions in East Fremantle and the city of Fremantle.*

**Dr Paul Wilkes**

**1.30 pm – 3.00 pm**

**24 August – 21 September**

**CLIMATE CHANGE AND RENEWABLES – CHALLENGERS AND OPPORTUNITIES**

These five interactive sessions present an overview of global climate change and the rapidly increasing deployment of renewable energy sources as part of the answer to reducing Greenhouse Gas emissions.

Climate change leads to more extreme weather events and has economic and social consequences. Renewable energy sources including wind, solar, waves and biomass are increasingly being deployed together with battery storage and costs are dropping rapidly. Some countries are proceeding more rapidly with the transition and provide useful examples for Australia to learn from. Australia has opportunities to contribute to the required renewable energy technologies and could benefit from export of technologies and energy. The transition can have economic benefits as well as creating a more sustainable Earth.

*Dr Paul Wilkes is a geophysicist with wide international experience in energy ranging from nuclear power to oil, gas and geothermal. Paul has worked in the private sector as well as in the public sector including time in Geoscience Australia, Curtin University and CSIRO. Paul is a member of Al Gore's Climate Reality Leaders.*

**Nicholas Reynolds**

**9 00 – 10 30 am**

**12 October – 9 November**

**FROM STRUGGLE COMES SUCCESS: A HISTORY OF MANDURAH AND THE PEEL REGION**

Join local museum curator Nicholas Reynolds on a journey through Mandurah's history from the ancient geologic past through to the present day and beyond. Beginning with the formation of the rivers and estuary that attracted Mandurah's first settlers over 40,000 years ago we will move on to the conditions in Europe that lead to the British settling WA in 1829. From there we will look at the progress and setbacks faced by those settlers as they went on to develop the Peel region that we know today.

*Nicholas Reynolds obtained a Bachelor of Arts from the University of WA in 1998 majoring in history. His area of expertise was British Colonial history and military history from 1815 to 1914. He also holds a Certificate in Museum Studies from Edith Cowan University.*

*In 2005 Nicholas took up a position with the City of Mandurah as the Curator of the Mandurah Community Museum. This modest community Museum has been the centre of his efforts, and its development is on track to it becoming a leading Museum of local history in WA.*

**John Macdonald**

**110.00 -12.30am**

**12 October-9 November**

**HISTORY – MURDER, MAYHEM, MYTH AND MYSTERY AT SEA**

This course covers a brief history of the triangular (Atlantic) slave trafficking from Africa to the Americas and the terrible condition of slave ships: Pirates on the Spanish Main – the heyday of piracy and the personalities involved: Nelson’s Navy: myths and legends exposed: Murder Mayhem and Mutiny on the high Seas, what happened, where and why? The Bermuda Triangle Mary Celeste and other mysteries will be delved. A course of fascinating facts and entertainment!

*John Macdonald: John spent over ten years in the Navy, followed by 32 years lecturing in TAFE. Since retirement, he has completed a Bachelor of Arts in History at Murdoch University. He lectures often at MALA and U3A venues, as well as other organizations. His major interest lies in Naval and Military History, especially the Royal Navy 1793 to 1815, and British Military History 1837 to 1901 (a special prize to anyone who realizes the significance of these dates!)*

**Rhuwina Griffiths**

**1 30 – 3 00 pm**

**12 October – 9 November**

**LET’S GET GOING AND WRITE A LIFE STORY**

This course looks at how to structure your writing, considers some of the benefits you may gain from writing about yourself; suggests ways to go about research and gives plenty of practical advice on the different elements that go into creating a good story. There are opportunities to learn from published authors and practise what is covered in class. The pivotal role that memory plays in life story writing is examined which leads onto the tricky question, “is what I’m writing true or false.

*Rhuwina Griffiths has had 25 years of experience throughout the world training others how to get the best out of their writing. She specializes in life stories and in nurturing, lively, practical and supportive way.*