



Mature Adults Learning Association (Inc.)

POST: Unit 1 / 5 SHANN GROVE, KARDINYA, WA 6163 (for return of enrolment forms)

WEBSITE: www.perthmala.org.au

EMAIL: perthmala@westnet.com.au

LOCATION: Perth Campus: **George Burnett Leisure Centre**, Manning Rd (opp. Elderfield Rd)
Karawara/Bentley (between Freeway and Curtin University)

VOLUNTEER CONTACTS: Julie (Enrolments) 0498 560 026 Suzanne (General enquiries) 9444 4902

IMPORTANT INFORMATION – PLEASE READ!

ENROLMENT & PAYMENT (\$45 per course, plus a once-per-semester enrolment fee of \$10)

- **PAYMENT:** Please complete the enrolment form and mail it with Cheque/Money Order OR mail/email with evidence of Direct Credit to: ♦ **Westpac Bank** ♦ **BSB: 036-000** ♦ **Account: 98-3937**
❖ If paying by Direct Credit - please use your surname OR phone number in the Reference/Payer box ❖
- **PROVIDE YOUR DETAILS:** Please include your details on the enrolment form every time you enrol:
Name | Address | Postcode | Phone Number | Email address (preferred for sending information)
- **CHOICE OF COURSES:** Please clearly indicate your first and second choice for your enrolment in each session. Some courses may fill early or be cancelled, and we may not be able to provide your first choice each time.
- **ENROL EARLY:** Get your enrolment application in early (preferably by **2nd August 2019**) to avoid disappointment and allow timely processing.

Consider yourself enrolled in your first choice unless you hear otherwise and KEEP A RECORD of the classes you select and their START DATES AND TIMES.

- Confirmation notes will NOT be sent UNLESS you are a new member. If you are a new member, we will provide general orientation information and a map showing our location. Your name badge will also be waiting for you at the information desk in the reception area on the first day of classes.

LECTURE ROOM ALLOCATIONS: Check the notice board near the information desk on the first day of classes.

TELL SOMEONE ELSE ABOUT MALA: You are our best advertisement – please pass along the attached spare enrolment form to someone who may also enjoy MALA courses. **Everyone needs a separate Enrolment Form!** Additional forms can also be downloaded from the website: www.perthmala.org.au

DATES FOR SEMESTER TWO 2019

PART A **23 August to 20 September** (inclusive) (5 weeks – Fridays only)

BREAK *21 September to 17 October (no classes)*

PART B **18 October to 15 November** (inclusive) (5 weeks – Fridays only)

- **LECTURE TIMES:** Session One (10:15am to 11:15am) Session Two (11:45am to 12:45pm)
- **ADDRESS:** **George Burnett Leisure Centre**, Manning Road (Opp. Elderfield Road lights)
Karawara/Bentley (between Freeway and Curtin University).
- **PARKING:** is abundant and free for those travelling by car.
- **PUBLIC TRANSPORT:** is available, very regular, and stops right outside the Centre.
Phone **Transperth - 13 62 13** - for update on information.
- **WEAR YOUR NAME BADGE EVERY WEEK:**
Kindly write your **Emergency Information** on the back for the paramedics should you be unable to speak.



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COURSES SCHEDULE - SEMESTER TWO 2019

PART A – 23 August to 20 September

Start 10:15am	<i>Dr Adam Andreotta</i> Knowledge and the Justification of Belief: Thinking About How We Know What We Know	<i>Ayna Davies</i> Cuba Untangled	Ryan Bunney History and Developments in Artificial Intelligence and Machine Learning
Start 11:45am	Carl Altmann The Art of Five Different Cultures from Around the World	<i>Tzvi Friedl</i> Music - an Aural Philosophy	<i>Dr Sheknaz Graham</i> Everything you ever wanted to know about whether or not to vaccinate, Mad Cow Disease, Ebola, and AIDS

BREAK: 21 September to 17 October (no courses run during this period)

PART B – 18 October to 15 November

Start 10:15am	Dr Paul Wilkes Climate Change and Renewable Energy	<i>Prof Ian Reid</i> Myth in Literature and Society, Part 2: Medieval to Modern	<i>A/Prof Dan Franklin (and research team)</i> Forensic Anthropology: Case Studies in History and Current Practice
Start 11:45am	A/Prof Kevin Vinsen Analysing Human Extinction Scenarios and Related Hazards	<i>A/Prof Alexey Muraviev</i> What if War Started Tomorrow? Major Security Challenges the World is Facing and Australian National Security and Defence	<i>Jenny Bevan</i> Around Australia with a Geologist

Please ensure you read the synopsis below to check that the course content meets your expectations.

We suggest you mark the courses you enrol in on this sheet as a reminder of the start times and dates, as MALA no longer sends out Confirmations of Enrolment.

PART A – 23 August to 20 September (5-week courses)

Knowledge and the Justification of Belief: Thinking about how we know what we know

**With Dr Adam Andreotta* (Adam J. Andreotta earned his PhD in philosophy from the University of Western Australia in 2018. His research interests include: epistemology, self-knowledge, the philosophy of Artificial Intelligence, and David Hume)

What makes some beliefs justified and others unjustified? The question is an old one, but it couldn't be more relevant today: 'fake news' pervades our newsfeeds; conspiracy theories run rampant on social media; and climate change denial is subscribed to by our politicians. If such beliefs are unjustified, what makes them so? This course looks at some important philosophical theories of justification and knowledge, in an attempt to answer this question. In doing so, we will look at the role that evidence plays in justification, the reliability of testimony, and why a well-informed population is crucial for a thriving democracy.

23 August to 20 September 10:15am to 11:15am \$45

Cuba Untangled

**With Ayna Davies* (Ayna Davies is a Cuban who has been living in Perth for more than 11 years. Founder of Experience Cuba Tours, Ayna is keen to share her unique country and culture with West Australians.)

Rust-coloured tobacco fields ploughed by oxen; farmers rocking in sillóns on their porches; playing dominoes and dancing salsa under the stars; the Gran Teatro for the Cuban Ballet... Cuba is all of these and more. The romance of Cuba is preserved for now as an accident of Cuba's unique politics, bureaucracy and economics. An island that has captured the imagination of the world for centuries — invaded by Columbus in the 15th century and again by its own people in 1961, landing the Bay of Pigs on syllabuses from Washington to Moscow. For you, Cuba might mean La Revolución Cubana (the Cuban Revolution), Fidel and Che. It might mean the Cuban Missile Crisis or Los Marielitos, overloading hastily rented boats to escape to Miami in 1980. Perhaps Cuba conjures Hemingway cruising down the hill from Finca Vigía in his Chrysler New Yorker, the top down and Mary beside him, for a date with the daiquiris at El Floridita in Old Havana.

For 600 years, the trade winds have blown conquerors, adventurers, traders, spies, mobsters, dictators and celebrities onto Cuba's friendly shores. A collection of historical peculiarities means that Cubans still walk the same streets they did in years gone by, drink coffee on the same portales, dance salsa under the same murals and drift with the top down in the same cars. Let us help you to untangle together the mysteries of this unique country, its history and culture, told through the eyes of a local!

23 August to 20 September 10:15am to 11:15am \$45

History and Developments in Artificial Intelligence and Machine Learning

**With Ryan Bunney* (Ryan is a PhD Student in Physics at the International Centre for Radio Astronomy (ICRAR), and 2018 Westpac Future Leaders Scholar)

- Complexity Theory and Computability - or, why some problems are harder than others
- Good Old-Fashioned Artificial Intelligence - The original AI movement where we taught computers to play chess, board games, and other interesting applications
- Machine Learning - How do we find patterns and understand data, language etc.
- Deep Learning - Understand the foundations of current developments in image processing, natural language processing, neural networks etc.

23 August to 20 September 10:15am to 11:15am \$45

The Art of Five Different Cultures from Around the World

**With Carl Altmann* (Carl Altmann has lectured widely in Art History, Art Education, Design, Visual Literacy, and Studio practice)

This course covers the Art of five different ancient indigenous cultures. Each piece of Art is amazing for its design and aesthetic appeal, especially when we consider the tools used. These peoples used materials from their environment to create artworks for spiritual or religious purposes as well as everyday domestic use. The cultures to be covered include the Incas, the Chinese, Japanese, ancient Egypt and the Aborigines of Australia. Their works include painting, textiles, jewellery and ceramics and many of the products created can be more appealing than those purchased today. Fortunately, most artefacts now in museums were found in tombs which indicates that these peoples had a belief in an afterlife. This fact is clearly illustrated in the discovery of the tomb of the terracotta warriors in China. Their artistry never fails to impress.

23 August to 20 September 11:45am to 12:45pm \$45

Music – an Aural Philosophy

****With Tzvi Friedl** (Tzvi has a master's in performance on the viola from the Mozarteum in Salzburg, studied in London with Atar Arad, and postgraduate at the Vienna Music Academy. He has held leading positions in the Bruckner Orchester Linz Austria and in the Israel Symphony Orchestra, and taught at WAAPA, UWA, as well as Churchlands and Perth Modern School. Tzvi's special interest lies in finding common denominators between music and philosophy)*

This 5-lecture series addresses the value and purpose of classical music in our digital age. It will help you discover new listening aspects and re-evaluate the meaning of tradition. A number of topics will be introduced and explored, including the emotional and philosophical treasures hidden in our tonal system, quality of music versus quantity, and what defines human creativity.

23 August to 20 September 11:45am to 12:45pm \$45

Everything you ever wanted to know about whether or not to vaccinate, mad cow disease, Ebola, and AIDS.

****Dr Shek Graham** (Shek is a viral immunologist, environmentalist and loves both sharing and learning knowledge about almost everything)*

There is a lot of controversy surrounding the debate about whether we should vaccinate ourselves and our children or grandchildren. With a lot of misleading science, loud opinion and downright lies, it's hard to find the truth. As a former scientist responsible for testing vaccines for their safety and effectiveness, I can help you navigate this mine field.

We will also be looking at prions that cause such things as mad cow disease and brain diseases in humans, Ebola and Bird Flu as potential super viruses, and some interesting facts about polio vaccines, AIDS and the HIV virus that cause it. Take your seats for an easily digestible journey through the microscopic world of immunology, virology and infectious disease.

23 August to 20 September 11:45am to 12:45pm \$45

PART B – 18 October to 15 November (5-week courses)

Climate Change and Renewable Energy

****Dr Paul Wilkes** (Paul is a Geophysicist with extensive international experience in varied forms of energy)*

This lecture series presents an overview of global climate change and the rapidly increasing deployment of renewable energy sources. Climate change leads to more extreme weather events and has economic and social consequences. The Paris Agreement in December 2015 includes a collection of contributions from about 195 countries, but even if met, their total effect is still insufficient to meet the agreed target of limiting temperature rise to 2 degrees celsius, relative to pre-industrial levels. Renewable energy sources are increasingly being deployed and costs are dropping rapidly. Some countries are proceeding more rapidly with the transition and provide useful examples for Australia to learn from. Challenges include how to manage electricity grids using mixed energy sources. Globally we are seeing rapid increase in the deployment of electric vehicles and possibly fuel cell vehicles. Australia has opportunities to contribute to the required renewable energy technologies and could benefit from export of technologies and energy sources. The transition can have economic benefits as well as creating a more sustainable Earth.

18 October to 15 November: 10:15am to 11:15am \$45

Myth in Literature and Society, Part 2: Medieval to Modern

****With Prof Ian Reid** (Professor Ian Reid is a writer and academic. His website is www.ianreid-author.com)*

Why does the word 'myth' have such diverse meanings? Why do many ancient myths continue to be retold and adapted? What can they tell us about the societies that produced them? What relevance do they have today?

This is a sequel to a course presented in Semester 1, but does not require knowledge of topics discussed previously. It includes stories from the Middle Ages (e.g. tales of King Arthur's knights, and of Norse gods), later plays by Shakespeare and Goethe, poems by Milton, Tennyson and T.S. Eliot, and modern epics of nationhood such as the ANZAC legend.

18 October to 15 November: 10:15am to 11:15am \$45

Forensic anthropology: case studies in history and current practice

**With A/Prof Daniel Franklin and team* (A/Prof Dan Franklin and his team of presenters are actively involved in research in the disciplines of physical/forensic anthropology, bioarchaeology and molecular anthropology)

The course will comprise five lectures from professionals active in the disciplines of forensic anthropology and/or bioarchaeology. Tentatively the course will comprise modules across the following topics:

- Human skeletal remains associated with the Batavia mutiny of 1629
- The Campo Santo plague burial, Venice Italy - archaeological investigations 2015 to the present
- The modern practice of forensic anthropology
- Bone histology and what it can inform on an individual's life history
- Forensic casework in the United States.

18 October to 15 November: 10:15am to 11:15am \$45

Analysing Human Extinction Scenarios and Related Hazards

**With A/Prof Kevin Vinsen* (A/Prof Kevin Vinsen is a Senior Research Fellow at The International Centre for Radio Astronomy Research)

In 2002 Prof Nick Bostrom of Oxford University coined the term "Existential Risks". These are threats that could cause our extinction or destroy the potential of Earth-originating intelligent life. Some of these threats are relatively well known while others, including some of the gravest, have gone almost unrecognised.

Because of accelerating technological progress, humankind may be rapidly approaching a critical phase in its career. In addition to well-known threats such as total nuclear destruction, the prospects of radically transforming technologies like nanotech systems and machine intelligence present us with unprecedented opportunities and risks. Our future, and whether we will have a future at all, may well be determined by how we deal with these challenges.

In this 5-week course of lectures we'll look at the risks and see if they are real. History will help us; during the early years of trains, many worried that the human body couldn't handle speeds greater than 50 kilometres per hour. People were hesitant to use the first phones for fear of electric shocks, or that the devices were instruments of the devil himself, and there were equally dire predictions about planes, heart transplants and Y2K, just to name a few.

18 October to 15 November: 11:45am to 12:45pm \$45

What if War Started Tomorrow? Major Security Challenges the World is Facing and Australian National Security and Defence

**With A/Prof Alexey Muraviev* (Dr Alexey D Muraviev is Associate Professor of National Security and Strategic Studies at Curtin University and Australia's leading expert on Russia's strategic affairs)

Over five sessions, a multi-award strategic affairs analyst Alexey Muraviev will review major threats to international security as well as major developments, which may affect Australian national security over the next ten years. The course will look at the future of the 1987 Nuclear Forces Treaty; Sino-Russia defence alliance and the prospects of conflict in the Asia Pacific; problems of a home-grown and external terrorism; Australian multi-billion-dollar defence force modernisation, and more.

18 October to 15 November: 11:45am to 12:45pm \$45

Around Australia with a Geologist

**With Jennifer Bevan* (Jenny has been a geologist since 1967 and enjoys going all over the world looking at geology!)

Take five different geological journeys around and across Australia, seeing lots of interesting places and finding out more about them. The lecture series is based on Jenny's own travels, and everything is explained in a user-friendly way so that everyone can enjoy the story and learn more about our country and our planet. Lectures will cover:

- Across a Big Continent: Adelaide to Cairns via the Gulf
- There and Back Again: Perth Round-trip via the Red Centre
- Heading North: Perth to Broome via the Coast and Pilbara
- Across the Top: Broome to Darwin via Kimberley Highlights
- Coast to Coast: Broome to Adelaide via the Tanami and Oodnadatta Tracks

18 October to 15 November: 11:45am to 12:45pm \$45