

U3A WINTER SCHOOL SHORT PROGRAM 8-12 JULY 2019,
FULL PROGRAM IS AVAILABLE ON WEBSITE AND AT CREEK AND ADELAIDE ST OFFICES

9.00am MONDAY 8 JULY

Secret Women's Business: Feminine Hygiene in the Middle Ages – Rosalie Gilbert The challenges faced by Medieval women dealing with their natural cycle and strange ideas.

The New Disruptors – Dr Karen Hands A wide ranging look at the upheavals that come with our increasing use of technology.

Let's Talk Lower Back Pain – Renee Weller, Tom Caitens Simple strategies to decrease stress on the back to move more efficiently from two expert physiologists.

What is Happening in the South China Sea – Roger Rusling The geo-political turmoil in the South China Sea has the potential for world disruption. How much will it affect us? (Repeat)

10.00am MONDAY 8 JULY

State Library of Queensland Tour (no charge) – Kate O'Loughlin Offers research, history, restoration of priceless artefacts, meeting rooms, film screening and lectures. Learn how to find your way around. (Repeat session)

11.00am MONDAY 8 JULY

World's Top Ten breakthrough in Quantum Physics – Prof Andrew White Be among the first to learn about these important moments in science in 2018 and UQ's contribution to this.

Decision-making and neuropsychiatry: what can we learn from the decisions we make? - Dr James Kesby, Qld Brain Institute

This research focusses on the neurochemical control of behaviour, particularly that involved in psychosis, schizophrenia and addiction. Through the investigation of developing dopamine pathways in experimental animal models the work aims to understand the abnormal circuitry in human neuropsychiatric disorders.

Australian Native and Arid Grasses for Advanced Nanomaterials Applications – Dr Pratheep K. Annamalai Spinifex grasses, grown in extreme conditions and widely used in Indigenous Australian practice and how they have been developed into nanofibers.

Family Property Issues – Brian Herd Brian will focus on disputes about financial dealings between ageing parents and their adult children, family law disputes and what can go wrong.

State Library of Queensland Tour (no charge) – Kate O'Loughlin Offers research, history, restoration of priceless artefacts, meeting rooms, film screening and lectures. Learn how to find your way around.

11.30am MONDAY 8 JULY

Qld Art Gallery Guided Tour – Stories of this Land – Goobalathaldin – Barbara Lloyd

Celebrating the work and life of Goobalathaldin (Dick Roughsey). Seventy works including bark paintings, ceremonial and historical objects and draft illustrations from his children's books.

1.30pm MONDAY 8 JULY

KEYNOTE ADDRESS – Mr Alan MacSporran, QC – Crime and Corruption in the Sunshine State. Cost \$10 Mr MacSporran has a long history with the Law in Queensland and has been involved in many high profile cases in this state. He will give us an insight into some of his most important cases and also explain the powers and limitations of the CCC and of the law in general.

9.00am TUESDAY 9 JULY

Secret Women's Business: Feminine Hygiene in the Middle Ages – Rosalie Gilbert The challenges faced by Medieval women dealing with their natural cycle and other intimate issues. There were some very strange ideas floating around at that time.

What is Happening in the South China Sea – Roger Rusling The geo-political turmoil in the South China Sea has the potential for world disruption. How much will it affect us?

Healthy Bowel and Bladder – Agnes Kesmarki Learn how to promote healthy habits important for a healthy bladder and bowel. Problems can be cured, prevented or at least managed.

Margery Meets Julian: A Medieval Mystical Adventure - Kay Smith A look at the lives and vocations of two women taken from the information they left us in their books.

11.00am TUESDAY 9 JULY

The Penal Settlement at Moreton Bay 1824-1839: A Most Eligible Place – Dr Jennifer Harrison
The Penal Settlement, established at Moreton Bay in 1824 to house convicts who persisted in crime in the Sydney District.

Plastics in the Environment and the Circular Economy – A/Prof. Bronwyn Laycock An outline of a range of projects being researched to address some of the challenges of sustainability, nutrient recovery and producing sustainable materials

Energy Policy, Prices and You – A View on Renewables, Electricity Prices, Technology – Mike Swanston Is it time to go off grid? What is home battery storage? Should we invest in more solar panels? Explore the changes in our energy supply, with tips on how to keep power costs down.

The first Definitive Proof Showing Our Ideas of Evolution and Heritability is Wrong – Dr Guy Barry Research proving that genetic information can flow from the brain to the germ cells

1.00pm TUESDAY 9 JULY

What Makes a Whale Song Catchy? – Dr Jennifer Allen Humpback whales are famous for their songs. Learn how it changes and evolves and relates to cultural song learning.

International Law and ‘Killer Robots’: The State of the Debate and Ways Forward – A/Prof. Rain Liivoja This talk will trace the debate on future weapons systems and canvas prospects for international regulation.

Protection of Endangered Wildlife in The Top End – Kate Heffernan Kate’s talk will outline the Australian Wildlife Conservation model for conservation of Australian fauna,

Frontier of Modern Genetics – Professor Peter Gresshoff Genetics is the study of the inheritance of traits. Discover new technology and associated findings in plants, animals and humans.

9.00am WEDNESDAY 10 JULY

Brisbane’s Lost Buildings – Ron Baker Be reminded of the long lost buildings that once graced the city streets.

Toning Your Pelvic Floor Muscles – Active Rehabilitation Physiotherapy – Amelia Moir Treatment of existing problems in men and women and tips on how strengthen pelvic floor muscle.

Skin Cancer – Dr Sam Scuderi Learn of newer treatments and recent discoveries in detecting skin cancers at the earliest possible time.

Understanding Current Free Speech Debates in Australia – Prof Katharine Gelber Discussion on ‘hate speech’ laws in Australia, exemptions and complaint procedures here and worldwide.

11.00am WEDNESDAY 10 JULY

Deadly Cures – Can Venomous Animals Provide Us with Drugs to Treat Humans – Prof Glenn King Research into use of animal venoms for treatment of autoimmune diseases, cancer and epilepsy..Some venoms could become the next Viagra.

Sentencing in the Spotlight: Judge for Yourself – The Hon. John Robertson Have you ever wondered how judges decide what sentences to give? A real case and this time you must decide the sentence.

How to Retain More of Your Muscles and Bones into ‘Older’ Age – Prof Rob Robergs

Bodies respond well to exercise, leading to better bones, more muscle and better brain function .

How Does Your In-Car GPS Navigation Work – Jim Hawker An insight into Australia’s mapping systems which contribute to modern aids such as GPS, ‘Google Maps’ and in-car navigation.

1.00pm WEDNESDAY 10 JULY

Music Inspired by Shakespeare – Gary Thorpe OAM Discover the music inspired by Shakespeare’s Kings and their music and the amazing world of Elizabethan theatre.

NBN Information Session – Greg Taylor The NBN is coming and this session is packed with information about how it may affect you.

Brisbane’s Art World – Judy Hamilton Judy will discuss the importance of artists’ groups such as the Royal Queensland Art Society and their influence on Brisbane’s Art World.

How to Retain More of Your Muscles and Bones into ‘Older’ Age – Prof Rob Robergs

Our bodies respond favourably to exercise, leading to better bones, more muscle and better brain function.

9.00am THURSDAY 11 JULY

Let’s Talk Ancient Egyptian Bodies: Medicine, Surgery and Magic – Dr Serena Love

Medicine and magic were inextricably linked in the lives of ancient Egyptians who were much more advanced than we have imagined.

Botanic Gardens – A History from Early Convict Days – Phil Adam The development of the City Botanic Gardens from inception in 1828 as a food garden for the convict settlement to its current status and place in the City of Brisbane.

'What the Dickins' – Carmel Lafferty This talk will look at the history of the Dickin Medal, the highest honour awarded to any animal whilst serving in military conflict.

Helping Families Protect Their Loved Ones – Loan Chow Practical legal tips to help you make the right choices for you and your family. Wills, Health Directives and pitfalls to avoid.

Queensland Ballet – Ballet for Seniors – Genevieve Dunn Something different for ballet lovers and an introduction for those who would like to know about it. **9am for 9-15 34 Beesley St W End 11.00am THURSDAY 11 JULY**

Australian History at the Cinema – Gordon Kidd This talk will focus on the representation of historical themes in Australian cinema, from 1906, through the 1930s into the 1970s.

The Immortal Woman Who Revolutionised Medicine – Jan McMillen The story of an African-American woman, whose diagnosis of a large tumour advanced research into cancer.

We, The Jury – John Garner Two cases will be discussed and we will gain a fascinating glimpse into the science of forensics to solve crime.

The 'Under the Lino' Project – Caylie Jeffery A Brisbane-based research project revolving around 1940/50s bank books and money found underneath the lino of an old Queenslander.

1.00pm THURSDAY 11 JULY

Latest Studies and Breakthroughs at QIMR-Berghofer – Clare Blake The historical origins of QIMR-Berghofer and an outline of trials being conducted.

We, The Jury – John Garner Two cases will be discussed and we will gain a fascinating glimpse into the science of forensics to solve crime.

Ethics, AI and Autonomous Systems – Kate Devitt Legal and ethical questions which come from the rapid rise of Artificial Intelligence .

9.00am FRIDAY 12 JULY

The Horns – The Zambezi Trilogy Book 1 – Jill Baker The story of growing up in Rhodesia, now Zimbabwe, her childhood playmates and their meeting years later in Matebeleland.

The Bells of St Stephens – Anne Hetherington Learn about the historical significance of the buildings in the grounds of The Cathedral of St Stephen, Brisbane.

9.00am-3.00pm FRIDAY 12 JULY

All Day Creative Writing Masterclass – Thea Biesheuvel (Cost \$10) - at Creek Street

If you are looking for tips and help in Creative Writing, join in for what will be an interesting session.

11.00am FRIDAY 12 JULY

Beacons by the Sea – Lighthouses of Queensland – Cara Downes We will learn about Queensland Lighthouses, the families and their stories of isolation and the challenges faced.

Animal Genomes as Time Travel Machines – Dr Sandie Degnan The story of animals and how they deal with the constant challenges thrown up by nature.

Zimbabwe – A Nation Desecrated – Jill Baker This session will trace the rise, fall and continuing battle of a country that was once the bread-basket of Africa and is now struggling to feed itself.

11.30am FRIDAY 12 JULY

GOMA Tour – Ben Quilty and Margaret Olley – Barbara Lloyd This tour takes in two exhibitions.

1.00pm FRIDAY 12 JULY

Evolution Psychology and Global Security – Prof Bill Von Hippel This talk will bring us into the 21st century and discuss the evolution of modern humans from a psychological perspective.

The Best News You Will Ever Hear – What is Really Happening in the World – Dr Martin Bridgstock This talk starts by looking at how we see the future then goes on to give genuine evidence about the way the world is really going. It may surprise you.

Wildlife Rescue Stories – Mike Fowler Animal rescues can be tricky and Mike, from the Moreton Bay Koala Rescue Service will share some of the more interesting stories with us.