

## Stars Scientific Symposium

This annual scientific symposium showcases the most recent research findings in the fields of women's and infants' health.

The focus of the 2023 Stars Scientific Symposium is *No stone left unturned in the service of women's and infants' health.*

We invite you to join us as we present and discuss the latest discoveries and advances in pregnancy care and women's health.

Featuring visiting professor Professor Caroline Homer AO (Burnet Institute) and three senior researchers, Assoc Prof Mary Sharp, Dr Sarah Li and Dr Joseph Carpini.

Emerging Researchers showcases WA's top up-and-coming medical researchers, reviewing their latest discoveries in short, sharp presentations relating to neonatology, obstetrics and fetal development.

Please see full event programs inside.

## Registration



Book online at  
[www.wirf.com.au/stars2023](http://www.wirf.com.au/stars2023)

### 2023 Stars Scientific Symposium

**Date:** Friday, 1st September, 12noon (lunch) for 1pm to 7.15pm

**Venue:** UWA Club, University of Western Australia, Crawley

**Cost:** \$100 / Students \$85 (inc presentations, lunch and refreshments)

## Thank You

The Women and Infants Research Foundation wishes to thank and acknowledge Symposium exhibitors and sponsors:

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### Women and Infants Research Foundation

**A:** Carson House, King Edward Memorial Hospital  
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**2023 Stars  
Scientific Symposium:  
No stone left unturned in the service  
of women's and infants' health**

Friday, 1st September, 2023



# Stars Scientific Symposium

12.00pm Registration and Light Lunch

1.00pm Symposium Opening

**Professor Matt Kemp**

A/Chief Scientist, WIRF and Associate Professor,  
National University of Singapore

1.05pm Preterm Birth Panel Discussion

*What stones remain unturned from the consumer perspective?*

**Joanne Beedie** (facilitator)

**Chris Robinson**

**Diana Henderson**

**Carol Ann Stafford**

**Angela Courtney**

1:30pm Emerging Researchers

**Jaime Thomas** (Curtin University)

*Maternity models of care in Australian general practice*

**Tessie Abbott** (WA Department of Health)

*Transforming care for infants (and children) with rare diseases:  
a holistic and collaborative cross-sector approach*

**Erin Fee** (University of Western Australia)

*Dose optimisation of antenatal steroids*

**Haruo Usuda** (University of Western Australia)

*Extended support of extremely preterm fetuses with an artificial placenta*

2:50pm Emerging Researchers Q&A

Facilitated by **Professor Gareth Baynam**

3:00pm Tea and Coffee Break

CONTINUING PROFESSIONAL DEVELOPMENT POINTS  
ACM approved attracting 4.5 hours for full attendance  
RANZCOG approved attracting 4.5 hours for full attendance



# Stars Scientific Symposium

3:30pm Senior Researchers

**Assoc Prof Mary Sharp** (King Edward Memorial Hospital)  
*Care for the extremely preterm infant in WA*

**Dr Sarah Li** (National University of Singapore)  
*Use of AI in OBGYN diagnostics and teaching*

**Dr Joseph Carpini** (University of Western Australia)  
*Team structures in clinical settings*



## Keynote presentation

4:45pm **Professor Caroline Homer AO** (Burnet Institute)

*Turning the tide of caesarean sections: Are we too late? Does it matter?*

5:30pm Moderated Q&A

**Prof Homer, Dr Sharp, Dr Li and Dr Carpini**

Facilitated by **Dr Zoe Bradfield**

5:50pm **The importance of research commercialisation**

**Toby Swingler**

CEO, The Centre for Entrepreneurial Research and Innovation

5:55pm **WIRF 2023 Research Acceleration Award Announcement and Close**

**Professor Matt Kemp**

6:10pm **Cocktail Exhibition**

Refreshments and canapés served

7:15pm **Close**



## Visiting Professor

**Professor Caroline Homer AO**

Prof Caroline Homer AO is a midwife, health services researcher, educator and international development advisor.

She is the Co-Program Director, Maternal, Child and Adolescent Health at the Burnet Institute in Melbourne and has more than 30 years of experience as a midwife in practice, maternal and perinatal health research, midwifery education and international development.

Prof Homer has more than 280 peer reviewed publications, written books and book chapters, and holds grants in the area of maternal health and stillbirth.



# Stars Scientific Symposium

**Assoc Prof Mary Sharp**

Clinical Assoc Prof Mary Sharp is the Medical Co-Director of Neonatology which covers the Neonatal Units at KEMH, PCH, the neonatal emergency transport service NETSWA and the PREM milk bank within the Child and Adolescent Health Service. She has more than 25 years of experience caring for preterm and sick term infants. She provides senior leadership to the Neonatology Service and expert clinical advice to a range of stakeholders.



**Dr Sarah Li**

Dr Sarah Li is an accredited specialist in both Obstetrics and Gynaecology practice in Singapore. She has a special interest in Maternal Fetal medicine and is committed to the care of women with high risk pregnancies. Her research endeavours involve perinatal epidemiology and also the use of Artificial Intelligence to improve antenatal care and the care of women in labour. She also holds a Master of Public Health from Monash University.



**Dr Joseph Carpini**

Dr Joseph Carpini is a lecturer of Human Resource Management and Organisational Behaviour at the UWA Business School. His research focuses on individual performance and mental health at work with a particular focus on the healthcare sector. Dr Carpini's passion for his field emerged from his early studies in psychology while working full time in a movie theatre. Learning about the psychology of people at work combined with his lived experience fuelled a lifelong passion.

