



APRIL INTERN

STEM *fest*

Women
Changing
Australia

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AUSTRALIAN MATHEMATICAL SCIENCES INSTITUTE

The Australian Mathematical Sciences Institute (AMSI) is Australia's only not-for-profit national voice and champion for mathematics and statistics. The Institute works with schools, universities, industry, philanthropy, government and the community to help shape policy and skill Australia for the future. In high demand across all industry sectors, the mathematical sciences are central to powering Australia's STEM capability with the skills to drive new technologies and innovation.

APR.INTERN

Working at the nexus between industry and academia, the Australian Postgraduate Research Intern Program is building STEM innovation capability through placing of PhD talent - from Australian universities - into 3-5 month industry internships across big business, SMEs and government agencies.

These internships are supported by the Australian Government Department of Education and Training, through the *Supporting more women in STEM careers: Australian Mathematical Sciences Institute (AMSI) – National Research Internship Program*.

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The Australian Mathematical Sciences Institute's (AMSI) Australian Postgraduate Research (APR) Intern program is delighted to be celebrating some of Australia's outstanding women in STEM.

STEMFest 2019 will put the spotlight on their contributions to Australian innovation and how their careers have impacted leading Australian businesses including Flamingo Ai, KPMG, Toyota and Cochlear. Be inspired by their stories, their impact on Australian innovation and their influence as mentors for future generations.

The event will bring together industry, academic and government STEM leaders committed to this important national conversation.

Join in the conversation { #STEMWomenAPR }



MC

Anna-Maria Arabia
*Chief Executive,
Australian Academy of Science*

Anna-Maria Arabia is an experienced Chief Executive with over 20 years' experience in the science sector. She currently leads the Australian Academy of Science, an independent not-for-profit organisation that provides authoritative and influential scientific advice, represents Australia on key international scientific bodies, builds public awareness and understanding of science and champions and supports excellence in Australian science. In this role, Anna-Maria has led significant reform in global science engagement, in science policy matters; and in addressing gender equity in science.

Starting her career as a neuroscientist, Anna-Maria undertook medical research in Australia and abroad, before applying her skills to policy development both in the Australian public service and in politics where she has provided policy advice across many social and economic portfolios.

She has held several senior executive positions in the science sector as CEO of Science and Technology Australia and Deputy Director at Questacon, working extensively with parliamentarians, the business, community sectors and the media.



Keynote

Dr Catriona Wallace
*Founder & Executive Director,
Flamingo Ai*

Dr Catriona Wallace has been recognised by the Australian Financial Review as the Most Influential Woman in Business & Entrepreneurship (2018), achieved Advance Australia's highest award in Technology & Innovation for Australians working abroad and recently won the FinTech Leader and Overall Excellence in Finance award by Women in Finance (2018).

Based in the US and Australia, Catriona is the Founder and Executive Director of Artificial Intelligence FinTech and ASX Listed company (ASX:FGO) Flamingo Ai, provider of Machine Learning based Cognitive Virtual Assistant technologies.

Catriona has a PhD in Organisational Behaviour: Human Technology Interaction and is a well published author and commentator. Catriona is one of the world's most cited experts on Artificial Intelligence, Customer Experience, Ethics & Human Rights in technology and Women in Leadership.



STEM *fest*

2:00

WELCOME ADDRESS

| Professor Tim Brown
Director, AMSI

2:10

APR.INTERN ADDRESS

| Gary Hogan
Director, APR.Intern

2:20

MC INTRODUCTION

| Anna-Maria Arabia
*Chief Executive,
Australian Academy of Science*

2:30

KEYNOTE

WOMEN:

THE STEM DISRUPTORS

Unconventional and Authentic: Navigating
Success in a Traditionally Male Marketplace

| Dr Catriona Wallace
*Founder & Executive Director,
Flamingo Ai*

3:10

MALE CHAMPIONS OF CHANGE

| Andrew Stevens
Non-Executive Director

3:20

AFTERNOON TEA BREAK

3.35

BREAKOUT SESSIONS

SESSION 1: KPMG

BE WHAT YOU CAN SEE

Nurturing STEM Female Talent

Alison Kitchen
National Chairman, KPMG

Millie Keating
*Associate Director, Defence
& Defence Industry, KPMG*

Kristina Campbell
*Associate Director, Engineering
& Asset Management, KPMG*

Jane Wayland
*Director, Innovation
Digital & Data, KPMG*

SESSION 2: TOYOTA

CHANGING LANES

STEM: Critical Skills in a Disruptive World

Geraldine McKenzie-McHarg
*Manager Professional
Development, Toyota*

SESSION 3: COCHLEAR

FROM CONCEPT TO REALITY

Delivering New Technologies to Transform Lives

Rachael Moore
*Senior Systems
Project Manager, Cochlear*

4.05

PANEL DISCUSSION

FOMO: Power your Female STEM Workforce

Beyond 50/50 in 2020:
Foundations for Sustained Change

Alison Kitchen
National Chairman, KPMG

Andrew Stevens
*Non-Executive Director,
Male Champions of Change*

Dr Catriona Wallace
*Founder & Executive Director,
Flamingo Ai*

Gary Hogan
Director, APR.Intern

Geraldine McKenzie-McHarg
*Manager Professional
Development, Toyota*

Rachael Moore
*Senior Systems
Project Manager, Cochlear*

4.35

WOMEN IN STEM PLEDGE

Paying it Forward for Women in STEM #WiSTEMpledge

Gary Hogan
Director, APR.Intern

4:50

CLOSING REMARKS

5:00

UNIBANK NETWORKING DRINKS

Speakers

Alison Kitchen, *National Chairman, KPMG*

Alison Kitchen is the National Chairman of KPMG Australia and is a member of KPMG's Global and Regional Boards. Alison has held a variety of management and governance roles within the partnership as well as serving as an External Audit Partner for a range of major ASX listed companies.

Geraldine McKenzie-McHarg, *Manager Professional Development, Toyota*

Geraldine McKenzie-McHarg joined Toyota Australia in 2004 as a Plant Chemical Engineer. Today, she is responsible for building employee capability, manager and leadership development and the establishment of an internal instructional design team.

Rachael Moore, *Senior Systems Project Manager, Cochlear*

Rachael Moore is a Senior System Project Manager at Cochlear Ltd and has held this role since 2011. She is responsible for the delivery of Cochlear Implant Systems developed by local and international teams. Prior to Cochlear, Rachael held positions at two other Australian Medical Device companies – Nanosonics and ResMed.

Andrew Stevens, *Non-Executive Director, Male Champions of Change*

Andrew Stevens is the Chairman of the Board of Innovation and Science Australia, an independent statutory board with a mandate to provide strategic, whole of government advice on science, research and innovation matters. He is also Chairman of the Data Standards Body for the Consumer Data Right implementation in Australia. He is a member of the Advisory Executive of the UNSW School of Business, and the Male Champions of Change, a group of CEOs and Directors working to make gender equality a reality.

Thank You to Our Sponsors

AUSTRALIAN GOVERNMENT

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Australian Government
Department of Education

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KPMG

KPMG is a global network of professional firms providing a full range of services to organisations across a wide range of industries, government, and not-for-profit sectors. Its service areas are Audit, Assurance & Risk Consulting; Deals, Tax & Legal; Management Consulting and Innovation & Digital Solutions. In addition, KPMG Enterprise tailors its services to meet the unique needs of mid-sized, fast growing and family owned businesses.



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UNIBANK

UniBank believes in the contribution that universities make to the community and to the world. The bank is determined to provide better, smarter financial solutions to staff, students and graduates of Australian universities and their families.



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A man and a woman are smiling and holding a large purple sign. The man, on the left, is wearing a dark blue suit, a white shirt, and a green patterned tie. The woman, on the right, is wearing a teal sweater. The sign they are holding has white text and the AMSI logo.

I've signed the
#WiSTEMpledge

To open opportunities for Women in STEM



Gary Hogan | Director, APR.Intern

Cate Ballard | National Program Manager, APR.Intern



#WiSTEMpledge

Open opportunities for Women in STEM

Australia needs female STEM leaders. From start up to big business, diversity is critical to building innovation capability and ensuring your team has that winning edge.

As industry demand for high-level STEM capability soars, underrepresentation sees women account for only 16 per cent of this essential workforce. Without action, this skill shortage will put the brakes on Australian innovation.

AMSI's Women in STEM Pledge **#WiSTEMpledge** is a natural step for the Institute and its STEM industry engagement arm, APR.Intern. Whether today, tomorrow or in the future, the Pledge aims to take real action by opening opportunities and creating career-changing gateways for women in STEM.

TAKE THE PLEDGE today and be part of the diversity solution.

TAKE THE PLEDGE

1. Sign the Pledge at amsi.org.au/pledge
2. Download the Pledge card online, take a snap and share on socials with the hashtag **#WiSTEMpledge**

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