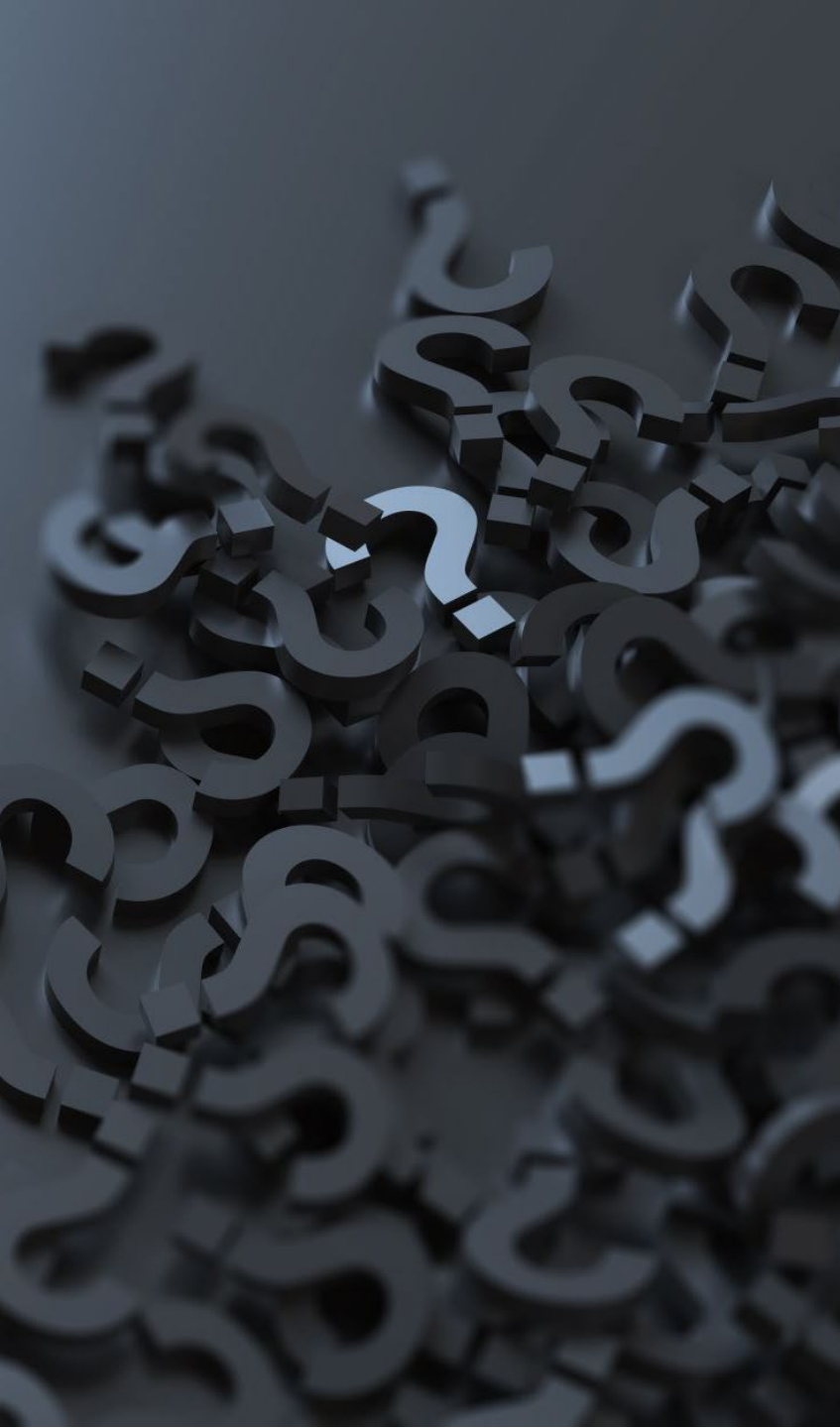


TRENDS AND CHALLENGES IN RESEARCH AND RESEARCH MANAGEMENT



ARMS Singapore conference 2015

- **PRESENTED BY**
- **Dr Tania Bezzobs, ARMS President,**
- **University of Technology Sydney, Australia**



Overview - Today

- About me
- About ARMS
- About You
- Trends and challenges in Research and Research Management
- Q&A

What is research management?

- Research management – every activity that supports the research and the research enterprise
- Activities through which an institution seeks to add value to its research activity, but which do not form part of the research process itself ([International Encyclopedia of Education \(3rd Edition\)](#))
- From the strategic to the operational
- Core foundation of research – as essential as any other form of research infrastructure

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EDITORIAL | 07 July 2021

Research managers are essential to a healthy research culture

ABOUT ARMS

ARMS is the Australasian association of research management professionals. It is a Not-For-Profit organisation established in 1999.

Our membership spans universities, independent research institutions, government and health research organisations from across the Australasian region including Australia, New Zealand and Singapore.

ARMS has over 4000 members.





**Most importantly...
ARMS is about
YOU!!**

About YOU

- **How long have you been in research management for?**
- **Do you feel that you are making a difference?**
- **Do you help/ want to help develop others?**
- **Do you develop yourself?**
- **Do you seek out others for advice and support (or want to?)**
- **Do you want to do any (or more) of the above?)**
- **Then.....ARMS and its activities are for you!**

What does best practice research management look like?

- Very contextual - not one size fits all....
- **Core elements**
 - Is researcher centric but not at the expense of institutional or compliance requirements
 - Covers all aspects of the research lifecycle (idea->research project->outputs->impact->innovation & translation) and researcher development
 - Supports and enables the responsible practice of research -> the integrity of research must be a core foundation
 - Supports and enables collaboration with researchers, stakeholders and funding partners – locally and globally
 - Seeks to use technology to make practice more effective and efficient so that more time can be used for value-adding
 - Uses resources wisely
 - Future focussed
- All of the above applies equally to all stakeholders and participants

Trends and challenges in research and research management

NATURE OF RESEARCH

- New research technologies creating new ethics and integrity challenges
- Increased collaboration across disciplines
- Increasing internationalisation and global engagement

RESEARCH ENVIRONMENT

- Changing funding environment and the full costing of research
- Investment in research infrastructure to keep pace with new technologies

PARTNERING, INTELLECTUAL PROPERTY, TRANSLATION AND IMPACT

- Singapore IP Strategy 2030
- Research impact starts at the beginning not the end of the story

Trends and challenges in research and research management

RISK AND COMPLIANCE

- We all just want to get on and support research, right?
- Increasing requirements for assurance, compliance and regulation
- Geopolitical context – national security – foreign interference
 - Moving from the political environment to the research environment
 - International collaborators and funding agencies have requirements so need to be aware

Trends and challenges in research and research management

HOW WE SUPPORT RESEARCH?

- How do we ensure that AI is used strategically and ethically by researchers?

HOW WE DO RESEARCH MANAGEMENT?

- Constant change
- Staff turnover & return to work post-Covid
- Doing more with less (hasn't that always been the case?)
- How do we use AI and related technologies cleverly and make sure our systems are integrated

We're all in it together – better connectivity and engagement across the research, innovation and translation ecosystem

Celebrate our successes. Own your expertise!

ARMS is globally connected through



- **International Network of Research Management Societies**
- 20+ society organisations globally
- Enables interactions, share good practice, and coordinate activities between the member societies
- Biennial international conferences
- Canada in 2027!





PROFESSIONAL DEVELOPMENT AND RECOGNITION OFFERINGS

www.researchmanagement.org.au

1. Foundation Level
2. Established Level
3. Advanced Level

PD Modules (>20)

<https://www.researchmanagement.org.au/professional-development>

Masterclasses

PD Session@Zoom

Range of Awards:

- ✓ ARMS Chapter Travel Awards
- ✓ Fellows of ARMS
- ✓ Janet Dibb-Leigh Award for Distinguished Service to Research Management
- ✓ International Travel Award Program
- ✓ Paul Taylor Awards (sponsored by RMIT University)

New launched this year!

- ✓ Indigenous/First Nations Conference Travel Awards
- ✓ Early career research management professional development Awards
- ✓ Skills Network
- ✓ Honour Roll

CREATING COMMUNITIES OF PRACTICE

*Through Chapters,
SIGS and Networks
ARMS provides
opportunities and
resources to drive
the development
and sharing of best
practice.*

Special Interest Groups - these groups are based on particular topics and consist of members with common areas of training or interest within the general field of research management and research administration.

Current SIGs on offer include:

- *****AI in Research Management *****
- Ethics and Research Integrity
- First Nations Research
- Health and Medical Research
- International Collaborations
- Post-Award Research Management
- Research Development
- Research Directors (by invitation)
- Research Funders
- Research Impact
- Research Information and Reporting

NETWORKS

ARMS supports the function of two networks:

- **The Australasian Ethics Network (AEN)** which operates as a stream of the ARMS Ethics & Research Integrity Special Interest Group (SIG). The AEN provides a platform for those involved in human research (researchers, ethics committee members and Chairs, and administrators) to share their experiences and views and communicate new ideas.
- **The Australasian Research Training Network (ARTN)** Membership of the ARTN is open to all members who have an interest in higher degree research.



Our Membership Structure



CORPORATE MEMBERSHIP – THIS CATEGORY IS DESIGNED FOR THOSE MEMBERS WHOSE DUES ARE COVERED UNDER A GROUP BY THEIR EMPLOYING ORGANISATION WHICH IS ACTIVELY ENGAGED IN/ OR SUPPORTS THE RESEARCH ENTERPRISE. THREE TIERS OF CORPORATE MEMBERSHIP ARE OFFERED.



SMALL CORPORATE – DESIGNED FOR SMALL ORGANISATIONS. THE PACKAGE OFFERS A 10% DISCOUNT OFF THE STANDARD INDIVIDUAL MEMBERSHIP RATE WHERE 6-10 INDIVIDUALS MEMBERS AT THE SAME ORGANISATION PAY THEIR MEMBERSHIP FEE ON A SINGLE INVOICE.

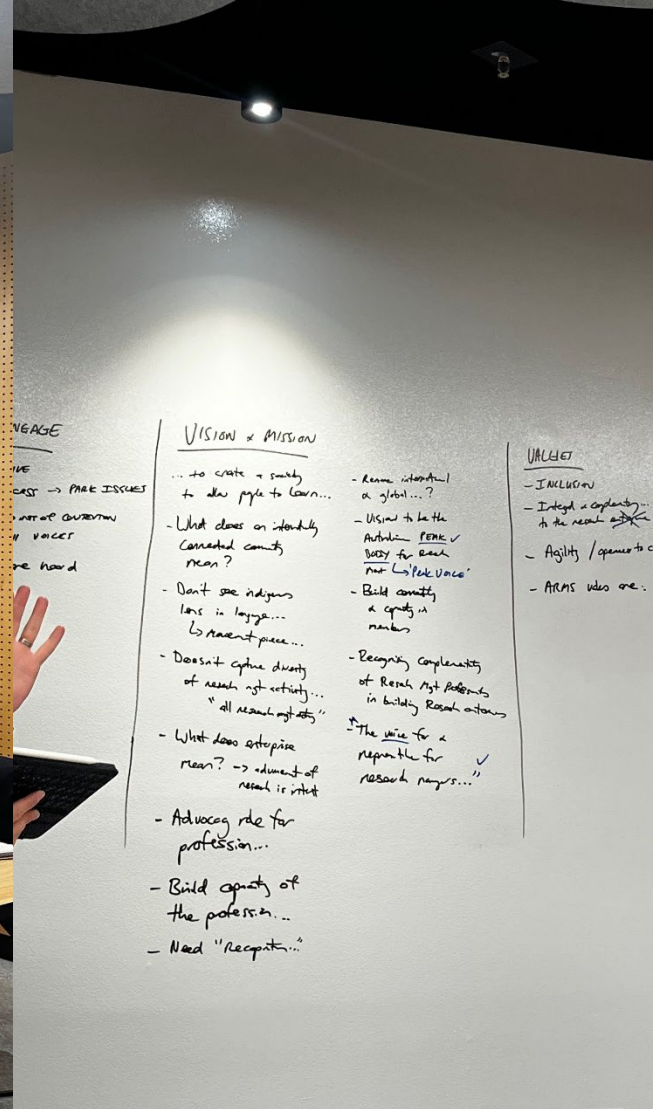


INDIVIDUAL MEMBERSHIP – THIS CATEGORY IS DESIGNED FOR INDIVIDUALS WHO ARE EMPLOYED OR ACTIVE IN THE FIELD OF RESEARCH MANAGEMENT AT ANY LEVEL AND WITH ANY SECTOR OF THE RESEARCH COMMUNITY.

OUR CURRENT MEMBERS FROM SINGAPORE

The Singapore Chapter has individual members from across the region including:

- Cambridge CARES
- Geriatric Research Institute
- James Cook University
- Monash University
- Nanyang Technological University
- Price Waterhouse Coopers Singapore
- Singapore University of Technology and Design (SUTD)
- SingHealth Translational Immunology and Inflammation Centre
- Tan Tok Seng Hospital
- The University of Auckland



ENGAGE

... to create + sustain
to allow people to learn...

CAST → PARE ISSUES

... NOT AN OBSTACLE
" VOICES"

... we heard

VISION x MISSION

- ... to create + sustain to allow people to learn...
- What does an identity Committed community mean?
- Don't see indigenous laws in layman...
↳ movement piece...
- Doesn't capture diversity of research activities...
" all research activities"
- What does enterprise mean? → evolution of research is intent
- Advocacy role for profession...
- Build capacity of the profession...
- Need "recognition"
- Become international or global...?
- USUAL to be the Australian PIRIC ✓ body for research that 'lets voices'
- Build community a capacity in members
- Recognising complexity of Research not professions in building Research outcomes
- ↳ "The voice for a responsible firm research program..."

VALUES

- INCLUSION
- Integrate a complexity... to the research activities
- Agility / openness to change
- ARMS values are...

The next ARMS Strategic Plan is coming soon!

Special thanks to our Corporate Partners



Platinum Partner



Silver Partner



Bronze Partners



BMJ Impact Analytics

Thank you!

Contact the **ARMS Executive Office**

ARMS COO – Ms Maria Zollo

ARMS Conferences and Major Events Coordinator – Kaeisha Kilmister

ARMS Management Accountant – Mr Brett Dobson

ARMS Accreditation Program Administrator – Dana Watts

armsadmin@researchmanagement.org.au



Further reading

- [Administering change: Global perspectives on research management](#)
- [A changing landscape in collaboration](#)