

Fostering Research Integrity in Malaysia

A Young Scientists Initiative

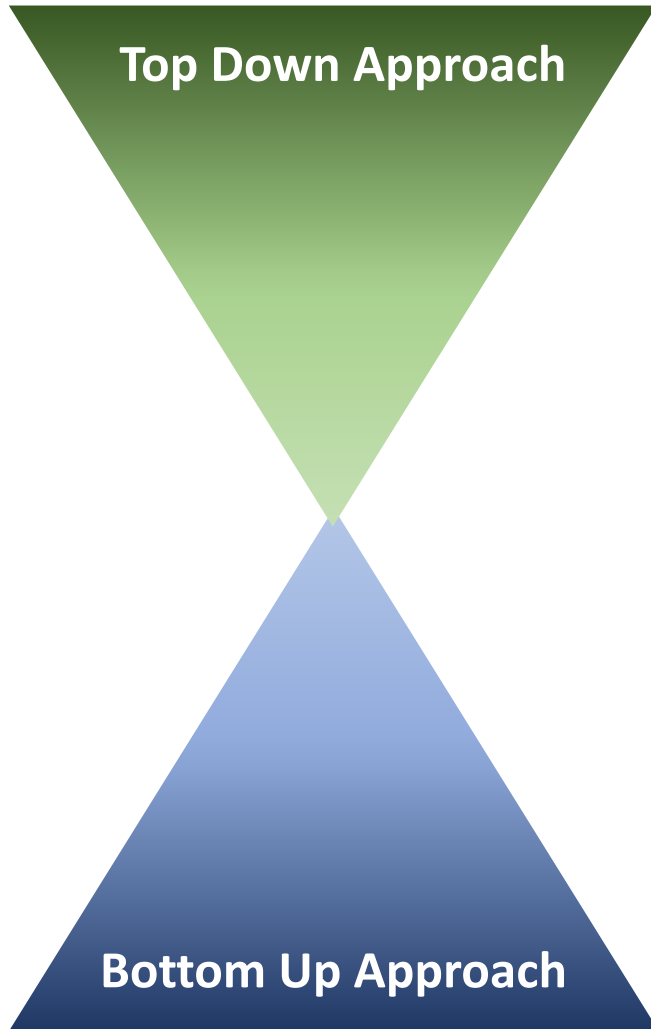
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Chair, Science Integrity Working Group YSN-ASM

Outline

- Our philosophy
- Our vision and mission
- Our opportunities and challenges



- U.S NAS
- Academy of Sciences Malaysia
- Ministry of Education

- Young Scientists Network-
Academy of Sciences Malaysia

Young Scientists Network-Academy of Sciences Malaysia (YSN)



- Principal Investigators, PhD-holders
- ≤ 40 years old
- > 150 members & affiliates

Our Ethos:

build progressive nation
volunteerism
friendship



Our Vision - Malaysian RCR Programme



- RCR education at all levels of tertiary education
- RCR becomes a *common language* of our research ecosystem
- Motto: Integrity Matters!

Our Mission - Malaysian RCR Programme



Provide **educational content**

Conduct **workshops**

Train **instructors**

Conduct **research**

Quality research

researchers

research process

Malaysian Educational Module on RCR

Chapters

- Ethical Values and Responsibilities of Researchers
- Research Misconduct
- Culture of Safety and Dual Use Research
- Conflict of Interest
- Authorship and Publications
- Peer Review
- Research Data Management
- Financial Responsibilities
- Mentor-Mentee
- Collaborative Research

Authored, edited, reviewed by Young Scientists

Reference book + instruction guide

Contextualised!

Supported by ASM, Ministry of Education

https://issuu.com/asmpub/docs/rcr_module_readonly



Conduct Workshops



Active Learning-pedagogy
Ethical reflexivity
Young Scientists for Young Scientists
Safe environment
Camaraderie



ASEAN RCR Programme



rancediplo_EN - October 2017

ASEAN RCR Workshop

Funders and supporters:

International Council for Science - ROAP

ASEAN Young Scientists Network

Ministry of Education

Global Young Academy

Capacity building

11th-14th December, 2019

Kuala Lumpur

Integrity Matters!

What about the senior professors?
Where are they?

The Malaysian Code of Responsible Conduct in Research (MCRCR)



Led by senior professors
Endorsed by the government
Educationalised by Young Scientists
Mandatory course...soon



Strength

- Small-ish country
- Easier to make connections
- Good support
- Young scientists

Limitations

- Small-ish country
- Resources
- More support is needed
- Need collaborators

Call to Actions



Young Scientists

- Be bold; dare to be visible
- Find the right partners
- Walk before running

Senior Scientists

- Mentorship
- Empowerment
- Build bridges

Terima Kasih, Thank You, 谢谢!

- Young Scientists Network-Academy of Sciences Malaysia
- Academy of Sciences Malaysia
- Ministry of Education, Malaysia
- U.S National Academy of Sciences
- Prof. Abhi Veerakumarasivam
- Dr. Chai Lay Ching
- Assoc. Prof. Thahira Begum

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