Enhancing Research Reproducibility via Good Practices and Proper Governance of Research Compliance and Integrity

Prof Philip Moore
Chief Research Compliance Officer & Chief Research Integrity Officer
Research Compliance and Integrity Office
Office of the Deputy President (Research & Technology)
Some of NUS RCIO’s key integrity activities and initiatives

➢ The RCIO handbook on Research Compliance and Integrity
  ▪ A comprehensive reference guide and resource manual for key rules and regulations pertaining to research compliance and integrity

➢ The Research Practice Integrity and Reproducibility (RPIR) checklist
  ▪ A ‘self-reflective’ exercise for senior/corresponding authors to check that all aspects of the research described in the manuscript have been conducted in full compliance and with upmost integrity
The RCIO handbook on Research Compliance and Integrity

- A comprehensive reference guide and resource manual for key rules and regulations pertaining to research compliance and integrity
- Reminder of the importance of research integrity
- Convenient resource manual, with ‘key contacts’ for various matters on research compliance and integrity all in one place
- To be amended and revised as new laws/by-laws governing research compliance are implemented, and when new practices in research integrity are introduced
A Research Practice Integrity and Reproducibility (RPIR) checklist

- A ‘self-reflective’ exercise in the form of an online checklist

- For senior/corresponding authors to check that all aspects of the research described in a manuscript have been conducted in full compliance and with utmost integrity

- The checklist is applicable to a wide range of research and scholarly work and include aspects of :-
  - funding application and post-award management
  - research work approvals (IRB/DSRB, IACUC, safety, etc.)
  - research data/research materials management and data sharing
  - data authenticity and research reproducibility
  - publication and authorship matters