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Engagement for Research Data Management & Research Data Repository at SMU

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ENGAGEMENT FOR RDM & RDR AT SMU

Dong Danping & Yeo Pin Pin

SMU Libraries

Presented at RSTF 2020

23 October 2020



AGENDA

- Process for Research Data Management (RDM) Policy and Research Data Repository (RDR)
- Activities and Timeline
- Engagement with stakeholders
- Conclusion

PROCESS FOR DEVELOPING RDM POLICY AT SMU

- Built on existing relationship between SMU Libraries and Office of Research & Tech Transfer (ORTT)
- Started working together on Research Data Management (RDM) Policy in 2017
- Studied local and overseas institutional RDM policies
- Studied data policies of journals where SMU faculty tend to publish in

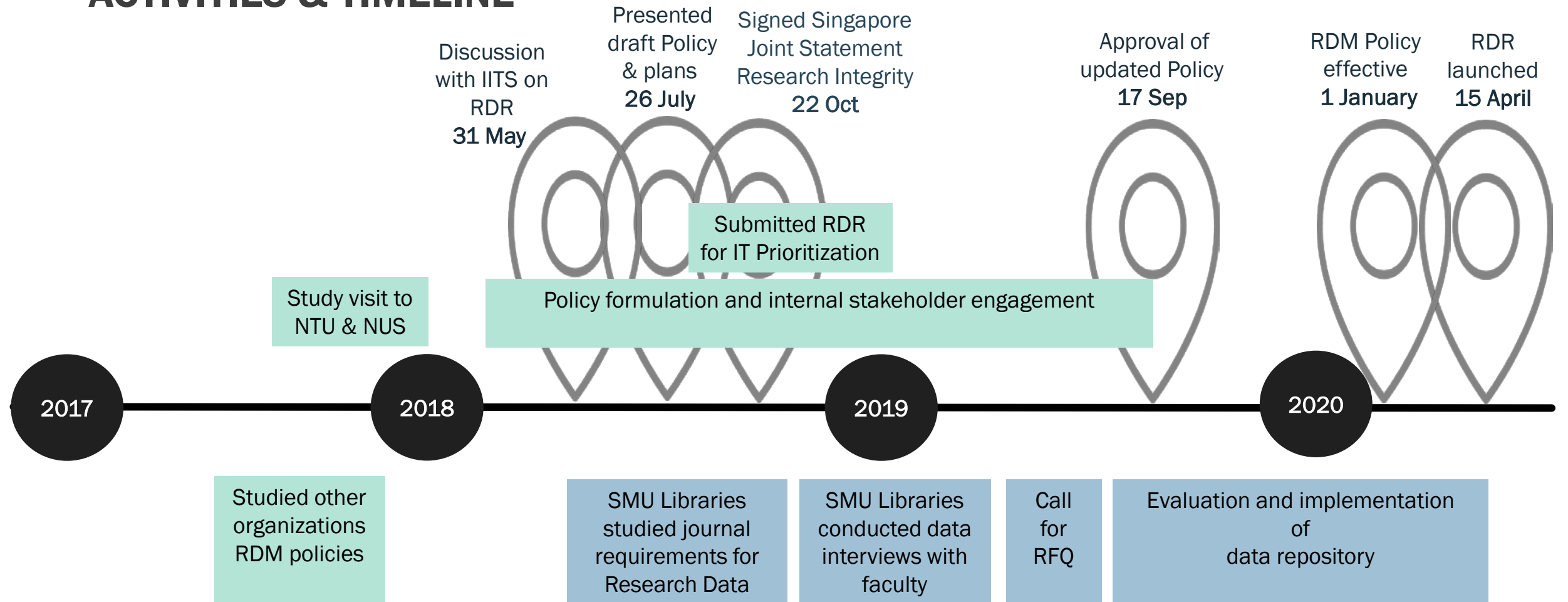
SMU RDM POLICY FINALIZED

- Policy has evolved from the draft version in 2018 to the current version in 2020
- Terminology changed to provide more clarity
- Moved from centralized approach to decentralized approach for data storage and retention
- Data ownership and rights of use aligned with existing Intellectual Property Policy
- Policy effective in Jan 2020

PROCESS TO IMPLEMENT RDR

- Met with IITS to discuss Research Data Repository (RDR)
- Submitted for IT Prioritization and approved
- Call for request for quotation
- Evaluation and implementation of RDR
- Launch of RDR

ACTIVITIES & TIMELINE



RDR ON FIGSHARE

<https://researchdata.smu.edu.sg/>

Launched RDR on 15 April



Browse

Search on SMU Research Data...

Log in



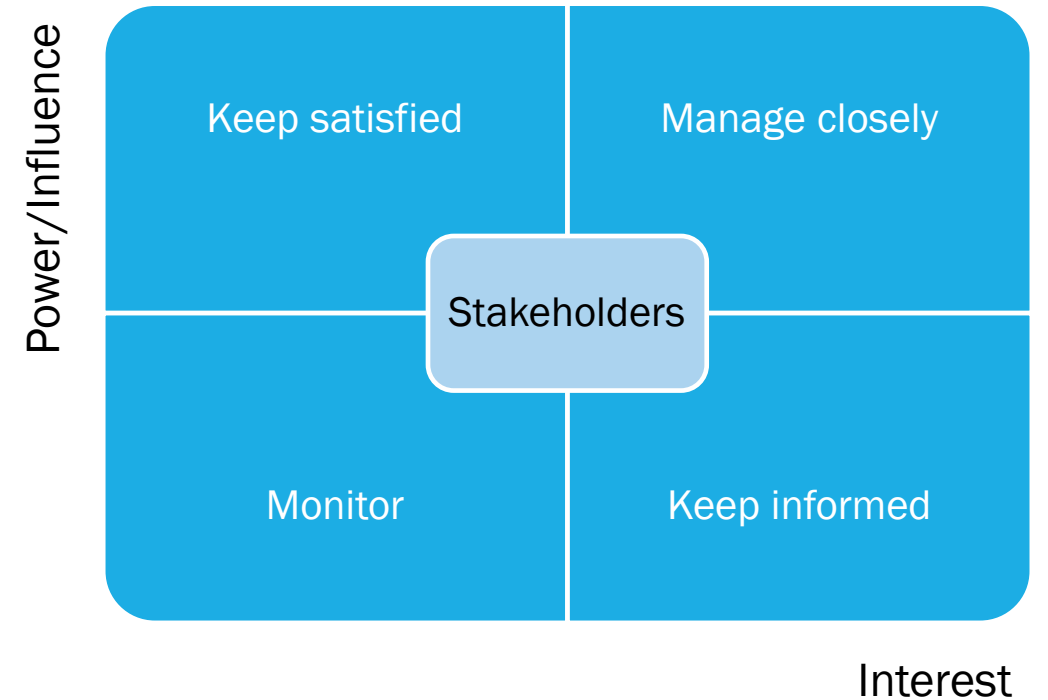
Discover research from **SMU Research Data Repository (RDR)**



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WHO ARE THE STAKEHOLDERS

- SMU President
- SMU Provost
- Vice-Provost (Research)
- ORTT
- IITS
- Library
- OLGA
- School deans & vice-deans for research
- Faculty

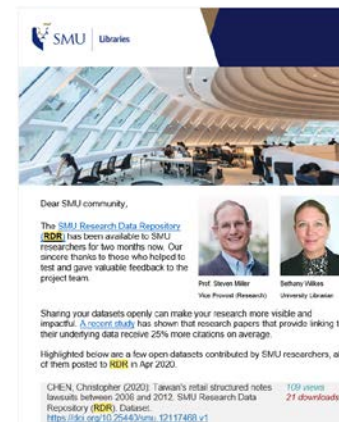


ENGAGEMENT OF SENIOR MANAGEMENT

- SMU President
- SMU Provost
 - Vice Provost for Research consulted and discussed
 - SMU signing the Singapore Joint Statement on Research Integrity
 - RDM policy
 - RDR
- School deans and vice deans for research
 - ORTT consulted them on draft RDM policy, took on board their feedback and made changes to the policy

ENGAGEMENT WITH FACULTY

- Selected faculty involved in data interviews
- Academic Senate** – contacted the representatives who gave feedback on the draft policy
- Invited faculty to attend vendor demos and give feedback
- E-mailers from Provost and Vice Provost for Research on progress
- E-mailers from SMU Libraries on datasets in RDR



Dear SMU community

Open data, another pathway to **open access**, not only improves the transparency and reproducibility of academic research today, but can enable new science tomorrow. Better still, it can be a **boost to a researcher's career**.

We are delighted to feature the following SMU research papers with open data. Contact library@smu.edu.sg if you want to find out how to upload data and share it via **SMU Research Data Repository (RDR)**. Put your data to better use than letting it sit in your hard drive and become forgotten!

**If you upload data to SMU RDR during the Open Access Week, you will also stand a chance to win \$100 Amazon vouchers (refer to attached emailer for more details).*

SMU Author(s)	Published Article	Related Open Data
Liang Hao	Socially responsible firms <i>Journal of Financial Economics</i> , 2016 Open Access on SSRN (read article)	Open Data on SMU RDR (download data)
Ricks Jacob	The effect of language on political appeal: Results from a survey experiment in Thailand <i>Political Behavior</i> , 2018	Open Data on Harvard Dataverse (download data)

ENGAGEMENT WITHIN LIBRARY

- Library Technology & Innovation – involved with specifications, evaluation and implementation
- Research librarians –
 - Before the launch: involved with data interviews, evaluation,
 - After the launch: promotion of RDR, faculty orientations, school meetings, emails, follow ups
- Information Access & Resources - involved with metadata for RDR

CONCLUSION

- RDM needs to be a strategic and university-wide initiative
- Critical to get the support and buy-in from senior management
- Policy needs to come first
- Good collaboration between research office, IT department and the library
- Engagement with stakeholders is important
 - Learning from stakeholders and understanding their needs and views leads to better informed and effective decision-making
 - Generate buy-in and cooperation from key stakeholders
 - Create trust
 - Manage risks
 - Remove obstacles to progress and success