

FROM COMPLIANCE TO CULTURE CHANGE

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Data Sharing is Not New...



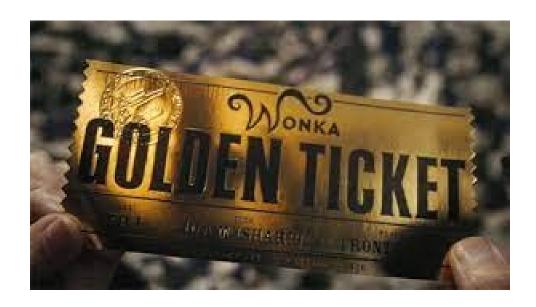






But is Limited by Reward Structures

- Promotion & Tenure Requirements
 - Publications
 - Funding
- Intellectual Property Protections





FASEB Engagement on DMS

- March 2016 Statement on Data Management and Access [view]
 - Established guiding principles for improving data management and access to further scientific discovery
 - Highlights:
 - Sustainable infrastructure to foster standardization, discovery, re-use and long-term preservation
 - Designated financial and staff support
 - Flexible and adaptable policies to accommodate the varied and rapidly evolving data landscape
 - Policies that promote science rather than hinder research



FASEB Engagement (2)

- Provided feedback on Strategies for NIH Data Management, Sharing, and Citation (2016) [Link]
- Response to NIH RFI on Next-Gen Data Science Challenges in Health & Biomedicine(2017) [Link]
- Feedback on Draft NIH Strategic Plan for Data Science (2018) [Link]
- Comments on Proposed Provisions for NIH Data Management and Sharing Policy (2018) [Link]
- Feedback to draft NIH Policy for Data Management and Sharing and Supplemental Draft Guidance (2019) [Link]



Science Policy Symposium

- Discussion of barriers and opportunities by stakeholder perspective:
 - Individual Scientists/Societies
 - Research Institutions
 - Federal Agencies

Barriers



Incentives

Infrastructure
Ease of Use
Training
Acknowledgement
Financial Support



Compliance







Culture Change



FASEB DMS Task Force

 Explore how FASEB can best support the adoption of data management practices in the biomedical community

 Identify novel products/offerings to foster culture change, focusing on data re-use



Fostering a Culture of Data Re-Use

Foster a culture of data re-use

ACTIONS

Pursue FASEB's mission to promote research and education in biological and biomedical sciences

Connect policy, disciplinary, and data domains Leverage our *strengths* in building capability, capacity, advocacy, and community

Committed to augment, elevate, and re-use existing resources

THE FUTURE WE SEEK

Active conversation spaces that amplify data re-use successes

Research teams are recognized for excellence in data re-use

Data re-use is embedded in research training, funding, and dissemination

Data re-use resources are accessible across research and institutional domains



Thoughts for Discussion

Opportunities to build upon and enhance existing resources?

Lessons learned from comparable society efforts and opportunities to collaborate?

Potential challenges for proposed activities?



Thank You!