



# FASEB

Federation of American Societies  
for Experimental Biology

## FROM COMPLIANCE TO CULTURE CHANGE

Yvette Seger & Frank Krause

# 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- Feedback to draft NIH Policy for Data Management and Sharing and Supplemental Draft Guidance (2019) [[Link](#)]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



**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



# 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!