Data Management Breakout Session

- *Standards are essential but continuously challenged by changing data modalities and scale*
  - o Incentivize harmonization process, use of data communication as part of the workflow.
  - o Opportunities to harmonize across data platforms and APIs.
  - o Importance of NIH staff (eg project officers and SROs) understanding of data-related issues.

- *Data management is time consuming and costly*
  - o Focus on long term goals to best guide data management investment.
  - o Value assessment – cost-benefit to guide effort in data management.
  - o Importance of having Data Management and Sharing Plan (DMSP) be a scientifically important part of the project and review process.
  - o Include data integration and standards as part of project design.

- *Small vs Large data – may have different cloud workflows*
  - o Larger efforts tend to have more inherent standards.
  - o Incentivize to build community consensus.
  - o Need for benchmarking of datasets.