

IOWA STATE UNIVERSITY

Office of the Vice President for Research



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AAU-APLU Public Access Working Group

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Big Picture

- Open inquiry as foundation to scholarship
 - Capacity to share information and collaborate via internet has opened new approaches
- Focus on rigor and transparency in scholarship
- Mandate for public access to research products developed with federal funding
- Publications and data, but **data sharing practice less developed** than pubs – this became the focus of the PAWG

Charge

- Map the space
 - Feds, Us, publishers, societies, nonprofits, repositories, tools, guidelines
- Frame the issues
- Develop principles and guidance
 - Presidents, agencies, institutions
- Provide ongoing advice, direction, leadership

Presidents

- **Sharing is fundamental** to scholarship and inquiry
- New challenges
 - **Federal agency mandates** for public access
 - **Retaining ownership of data** in light of publisher interests in offering data services
- Call to action
 - **Collectively advocate with agencies and develop a cohesive community / practice**

Common Goals for Data Sharing

- Provide **public access** to research data for society
- **Minimize burden** for all parties
- Allow exceptions for **privacy, security, IP**
- Prioritize **data quality** as a foundation for creating and documenting a data product
- Allow for **flexibility** across data types and disciplines
- **Balance costs and benefits** of access
- Consider **community of interest and duration of usefulness** in setting data retention reqs

Federal Agency Recommendations

- Default minimum: **data for publications**
- **University ownership** of data
- **Harmonize** policies and compliance approach
- Compliance through **interim/final reports**
- **Consistency with disclosure rules** for human subjects, proprietary info, CUI and security
- Specific **length of embargo, availability**
- **Allow direct costs** for providing access
- Support **FAIR** principles (findable, accessible, interoperable, reusable)

Guidance for Research Institutions

- Focus initially on publication data
- Review/update **data and sharing policies**
- Consider **scholarly credit** for shared data
- Offer **training and systems** to ensure quality research practice in data sharing
 - Study planning, design, collection, analyses
 - Quality evaluation
 - Study and metadata documentation

Guidance for Research Institutions

- Establish **process for researcher to hand off stewardship** of data to institution
- Develop capacity to recommend **trusted digital repositories**
- Define **core identifiers** for shared data
 - Digital object, researcher, institution, sponsor
- Develop **granular access controls** to support embargo/sharing specifications