Addressing Challenges of Restricted Data Access

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Standardizing Data Access, Sharing, and Use Agreements Workshop

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Addressing social challenges

Key points:

- Technical solutions are not sufficient
- Legal and social dimensions necessary to create and maintain culture of confidentiality
  - Training
  - Researcher credentialing
  - Institutional buy-in
  - Credible and effective consequences
Training

- Survey of 23 repositories with restricted data
  - All repositories think it’s a good idea
  - Only 6 repositories require it (Tyler 2020)
- NIH requires responsible conduct of research training
  - No one includes data stewardship (Doonan et al 2019)
- Training modules exist
  - CITI, SANS, Census, ICPSR
  - No consensus on needed content

*Training helps to create culture of confidentiality*
Researcher Passport

- Credentialing researchers
  - expedites access
  - allows researchers to build reputation
  - creates new dimension for enforcement
  - links to publications, etc.

https://www.youtube.com/watch?v=xM9tS1pEIPE

- Currently building APIs so that others can query passport information and we can link to ORCID, SciENcv, CITI, etc.
Improving data use agreements

- Moving to modularized agreements to avoid
  - unnecessary (and often problematic) variation
  - time consuming and expensive negotiation
  - burdensome restrictions

- Critical components
  - Institutional signature, commitment to use institutional misconduct policies to enforce agreements
  - Template: [http://hdl.handle.net/2027.42/151938](http://hdl.handle.net/2027.42/151938)
Credible punishments

- Punishments that you won’t use – or that researchers think you won’t use – don’t affect behavior

- What are the options?
  - Jail, fines
  - Loss of funding
  - Loss of job or expulsion from academic program
  - Loss of access to data
    - Now and forever, multiple sources of data
  - Institutional consequences
DataJeff loves citations


Doonan, Ashley; Akmon, Dharma; Cosby, Evan (2019). *An Exploratory Analysis of Social Science Graduate Education in Data Management and Data Sharing*. [http://hdl.handle.net/2027.42/150174](http://hdl.handle.net/2027.42/150174)


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