How do we value shared research data?

Rick Gilmore
What I think

• Much more data can be shared much more widely...
• Data sharing viewed as of lower value than most other products of scholarship
• Data sharing is more work than it should be
• Planning for data sharing can’t begin too early
• Let’s celebrate exemplary practices and behaviors
How do we value shared research data?
How do we Who values shared research data?
Articles

Genomic characterisation and epidemiology of 2019 novel coronavirus: implications for virus origins and receptor binding

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Who *values* shared research data?

- Funders?
  - But *requirements* (at NSF and NIH) are weak

- Journals?
  - “Data available on reasonable request to the senior author…”

- Institutions?
  - “Participants only gave permission for Y institution to use…”

- Researchers?
  - In some fields, absolutely
  - In others, meh
  - Observational vs. experimental
  - Data quality/documentation a meaningful limitation
Giving shared research data *real* value

• $, resources, fame
• Funders
  • More $/top-offs to researchers who *actually* share
  • 15% solution: (curation/secondary use/repository support)
• Institutions
  • Step-up & support data curation
  • Treat data as an asset not just a liability
  • Acknowledge bias toward individual vs. team/group contributions
• Journals
  • Open access + shared data == FREE
  • Closed access or no shared data == Publication fee
Giving shared research data *real* value

- Professional societies
  - Provide guidance about where to share, how and why

- Someone...
  - Acknowledge, promote, celebrate, create buzz around exemplary data sharing
  - Make sharing *kewl/rad/dope/sic*
  - A glam awards dinner with big cash prizes