Data Science @ NIH

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Disclosure

• I have no relevant relationships with commercial interests to disclose.
Trans-NIH Solutions
NLM’s Role in Data-powered Health

- Platform for discovery
- Pathway for engagement
Transforming Information into Discovery

- NLM as a platform for biomedical discovery & data-powered health
- New ways to reach users with new information and new tools
- A workforce prepared to advance data-driven discovery & data-powered health
Collect and Connect
Preserve, Protect & Promote
Transform Research
Support Standards
Reach Out
Do for data what we’ve done for the literature.
Health Care
Seamless linking of clinical and research data
Drive EHRs, data flows, and literature to the community
Fostering a sphere of discovery: digital research objects
Stewardship

governance
NIH SDC, SDPC

cloud
NIH/CIT, External

local
NCBI dbGaP
Serving the 21st century user

Health Care
The Care Between the Care

Be where the care happens.
Data-powered health will require new approaches to NLM-delivered information
Workforce Excellence
Training:
* Re-imagine university-based data science training
* Increase intramural data science capacity
* Foster data-savvy clinicians and librarians
Advanced Data Management in FY2018

PMC Data Discoverability

dbGaP Enhancements

Clinical Research Data

Data Commons

Data Science Workforce

Strategic Plan

NLM with NIH…for everyone
Questions & Discussion
Reaching me

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AMIA is the professional home for more than 5,400 informatics professionals, representing frontline clinicians, researchers, public health experts and educators who bring meaning to data, manage information and generate new knowledge across the research and healthcare enterprise.
• Thank you!

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