My how far we’ve come…
but look how far we can go

Platform partition in translational medicine data

Pamela Shaw, MSLIS, MSCBB
Galter Health Sciences Library
“When I was in high school…”

Watson JD, Crick FH. The structure of DNA. Cold Spring Harb Symp Quant Biol. 1953;18:123-31
Watson JD, Crick FH. Genetical implications of the structure of deoxyribonucleic acid. Nature. 1953;171(4361):964-7
“Intrinsic gene expression profiles of gliomas are a better predictor of survival than histology”

When I was a lab tech...


That was the past (or is it the present?)

Copyright: Gary Larson, The Far Side
It’s getting better

- EDW
  - Pharmacoepidemiology
- NUGene
  - DNA samples linked to EHR records
- eMERGE network
It’s getting better

• Still have platform separation
• DNA, blood and tissue samples not always matched to medical records
• Issues with data privacy?

http://www.projectmanage.com/your-project-management-career/
It seems hard, but look at the view!

- Connect users to data to computing resources
- Who else can do that better?

http://mountainsandmountaineers.blog.com/2012/07/20/exercises-to-do-before-going-mountain-climbing/
Thank you!

- AAAS
- Science Translational Medicine
- Kiki Forsythe & Minah Kim
- Fellow panelists
- Attendees
- Chuck’s