Round 1 - Protecting

Depends on where it’s at.
RD is wide blanket.
Open science vs Medical Data.
Classify research data.
PII, Research Regulated.
"Protect" preserve integrity, preservatic.
Public availability?
Classification question.
Note: Well-based on particulars.
Rules about where data can live.
Classification are admin-centric.
Regulated "Easier" due guidance.
No guidance for microscope data.
Data vs PA from publication.
"Force fit" of device to way normal enterprise sees cybersecurity lifecycle might change depend on where you are - e.g. info + embargoed data
- Anonymized - net hosts, logs doing AI on those
- Probs: student IDs, etc.
- IRB - consent of whole enterprise?
- UVA has policy but still needs IRB
- GDPR makes this more fun
- Research vs IT Net/Enterprise comms
- Protect: Keep out vs Make available
Round 2 - Protecting

Enterprise → contain
Research → share
Doing research on enterprise data

How do we allow
Regulated vs Protected Data
Enterprise "Known"
RD - Hard to know what to expect
ED centralized; RD - spread out
hard to find

ED trends driving towards RD
e.g. boss intelligence increasingly displays
Lines blurring
Clinical Trial
Subject vs generated data #
Is this ED or RD?
Thinking @6ball og GDPR
QA data or patients
How diff from clinical trial
Ownership - e.g. student data

Student Data repeated
RD - changing, evolving
Or is it?

Data access / storage methods
Integrity of RD - conses. of RD vs ED
Merging: Analytics on ED
E.V. data lifecycle - always protected
Using ED for Research
Enterprise App has business rule (ACL) baked in. Flat files don't.

Availability

Protection data should increase otherwise useless.

-Mech to improve availability.

-Value of data → where you keep it open.

-Faculty modified own data “insider threat”

Protecting while sharing is key.

Other institutions (Risk/Res.)

Data Governance biz’.

Right Granulants
Round 3 - Protecting

More than half don't think RD is important to protect. Just want to do their research.

Lot of turnover. We want researchers to duplicate what we have.

"It's all open" - MOE Sun

Students changing classes could change RD.

Dont understand access to email.

TH: ZFA for HAC, R storage. Failure to fund sec which threatens to take over every budget.
Community acceptance 2x1
- Grant don’t often have sec cost in budgets - e.g.
  DMP
  - Is sec heating + cooling?
  Provided by F+A - need VPRs to understand this
  sec + Data storage in F+A
Core service
  Needed to break in "Security slows my stuff down"