DIME BOOTCAMP
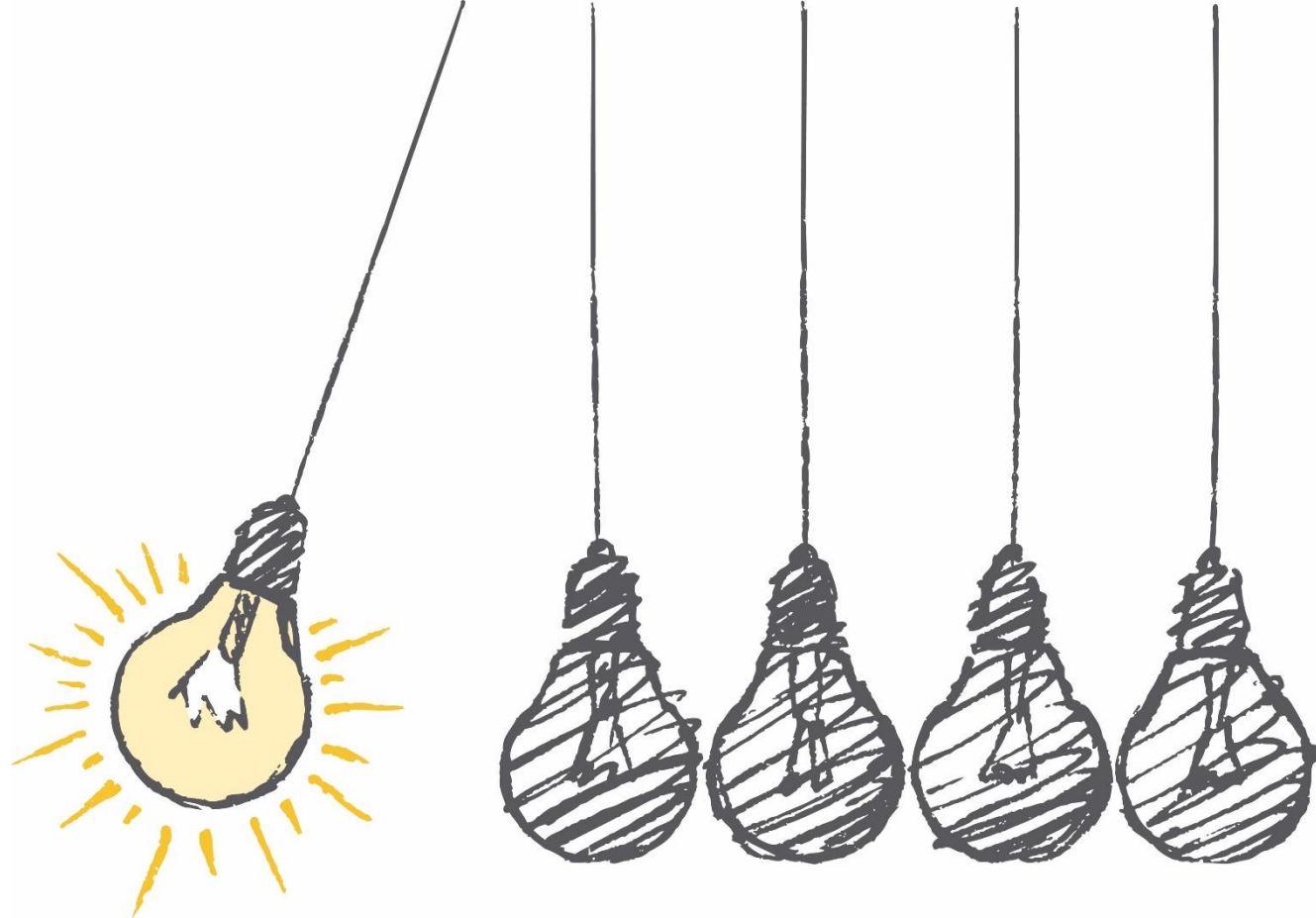# Safe and Secure Data

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Motivation

- Many projects do not currently comply with DIME standards for research ethics and data security
  - Lots of examples of unencrypted confidential data on Dropbox and personal computers
    - Highly insecure, often accessible to people not listed on IRB
  - Most forms on the SurveyCTO server are unencrypted
    - I can browse and download all of your data!

- We need to adopt better practices
  - To insure confidentiality, privacy, and anonymity of participants
  - To comply with IRB commitments

What we cover

How to share confidential data securely

• Practical toolkit covering 6 different use cases

How to create and share secure passwords

• Guide to strong passwords and passwords managers

How to encrypt your data

• Encryption 101: basic intuition
• How to encrypt confidential data on your computer (hands-on)
• How to encrypt confidential data on SurveyCTO servers (hands-on)

Ethical human subjects research

• What RAs need to know about IRB approval
• How to implement informed consent

What we expect as a result

No more confidential data unencrypted on Dropbox

All will either be encrypted or removed to a secure solution

No more confidential data unprotected on SurveyCTO

All future surveys using SurveyCTO will encrypt their data

No more confidential data shared/received from counterparts through insecure methods

All confidential data shared by email will be encrypted

All work-related passwords to be strong and shared only using password managers

All RAs to have signed the DIME Non-Disclosure Agreement and passed our Data Security Test

Thank you!

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