WELCOME TO OUR DECEMBER RCR TRAINING



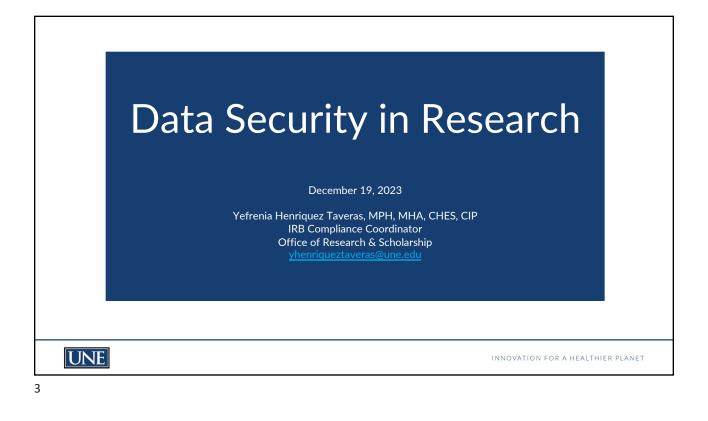
Please make sure your microphones are muted

- There will be a Q&A session after this presentation
 - Please reserve your questions until then OR
 - Put any/all questions in the chat and we will address them after the presentation

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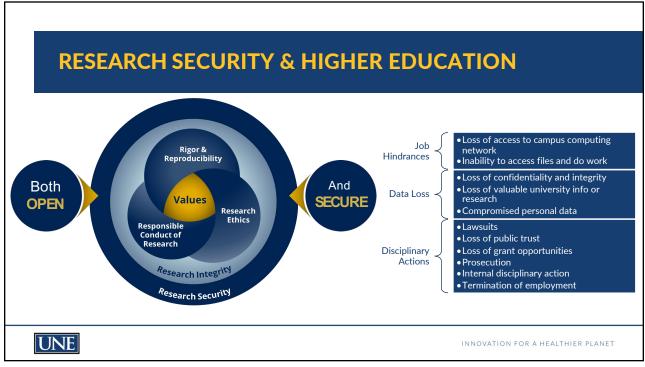
This session will be recorded



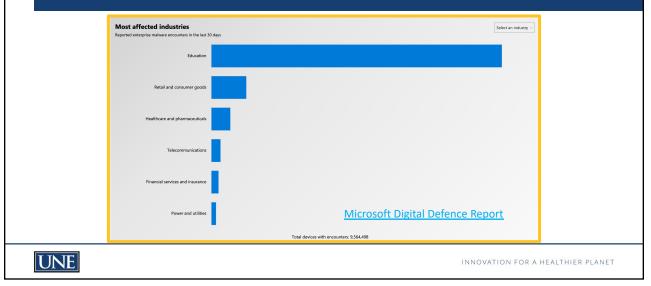


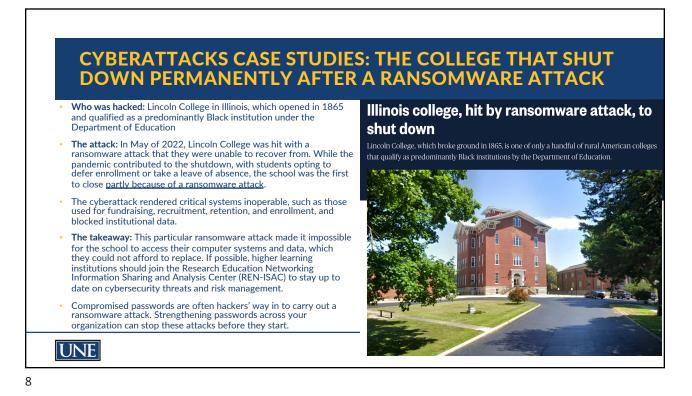






HIGHER EDUCATION AS A TARGET FOR HACKERS





CYBERATTACKS CASE STUDIES: THE RANSOMWARE ATTACK THAT COST \$1.14 MILLION

- · Who was hacked: University of California, San Francisco (UCSF)
- The attack: NetWalker, a group of ransomware operators, went on a ransomware spree in 2020, targeting universities. Through "brute force attacks"—trial and error password attempts by bots—NetWalker gained access to sensitive data, and threatened to expose the data if the universities failed to pay the ransom. One of the most affected by this double extortion scheme was UCSF, who paid \$1.14 million in ransom to recover crucial data tied to the medical school's academic work.
- The takeaway: There are ways to <u>protect against a brute force attack</u>, including using passwords with the maximum amount of characters for sensitive accounts. The longer the password, the longer it would take for software to "guess" it and the less likely cybercriminals are to succeed.
- Enabling <u>multifactor authentication</u> for your accounts, in addition to creating long, secure passwords, is crucial.



The University Of California

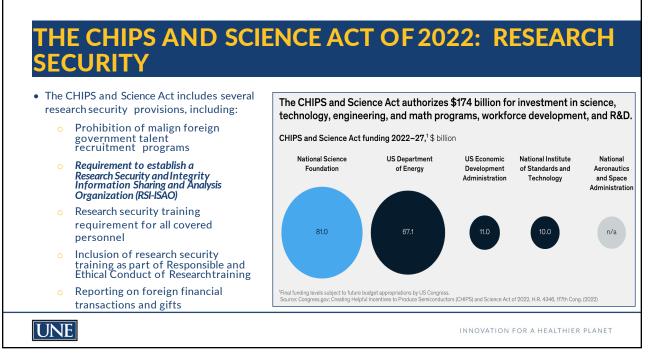
Pays \$1 Million Ransom

Following Cyber Attack

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NATIONAL SECURITY PRESIDENTIAL EMORANDUM-33 (NSPM-33) NSPM-33 • Presidential directive requiring federal research implementation guidance released by the National funding agencies to strengthen and standardize cience and disclosure requirements for federally funded White House Technology Council (NSTC) issues NSPM-33 awards. The National Security Presidential Memorandum 33 (NSPM-33) also requires major institutions Aug. 2021 May 2022 (>\$50M/year) receiving federal funds to establish research security programs. Jan. 2021 Jan. 2022 • Research Security Programs within research organizations, that include: Cybersecurity Office of Science OSTP expected to and Technology Policy (OSTP) publish model disclosure forms Foreign travel security III. Research security training tasked with leading IV. Export control training implementation guidance UNE INNOVATION FOR A HEALTHIER PLANET



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UNE Policy Research Data and Security, Research Materials Management, Sharing, and Retention

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KEY DEFINITIONS AND POLICY SCOPE



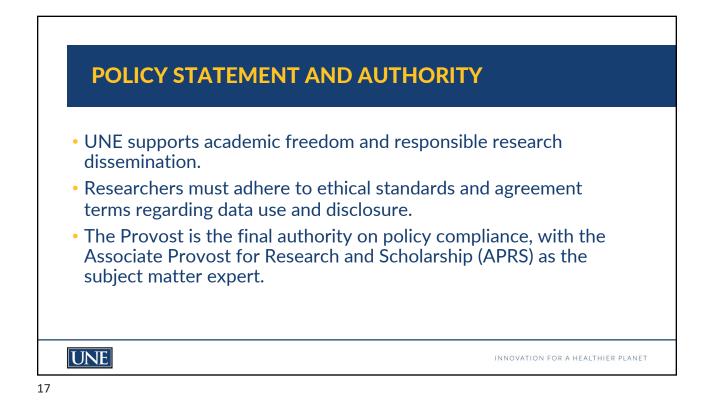
- **Research Data:** Information necessary for reconstructing and evaluating research results.
- **Research Materials:** Tangible products of research or items used in research processes.

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- **Source Data:** External data used for UNE research, obtained via proper agreements.
- Policy applies to all UNE community members handling Research Data/Materials.

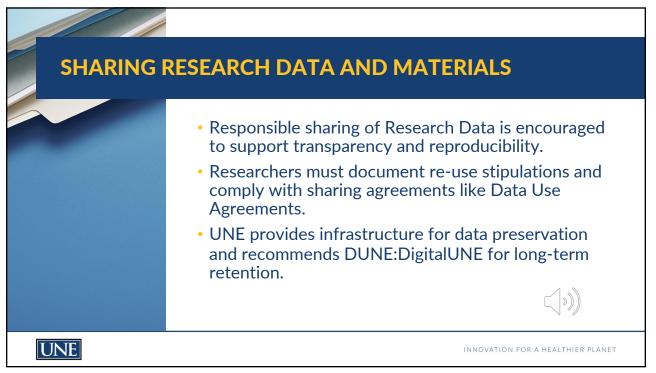
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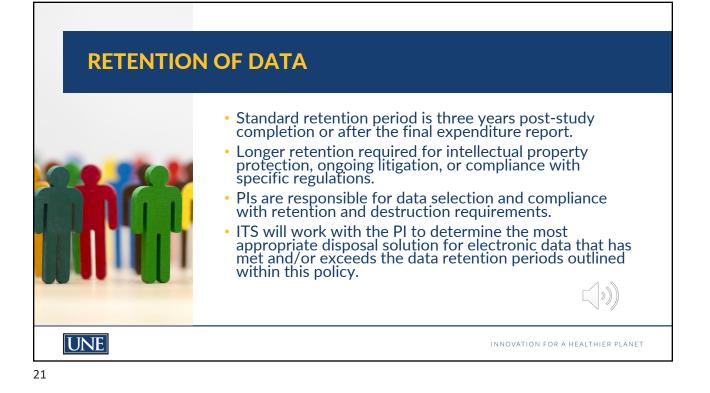


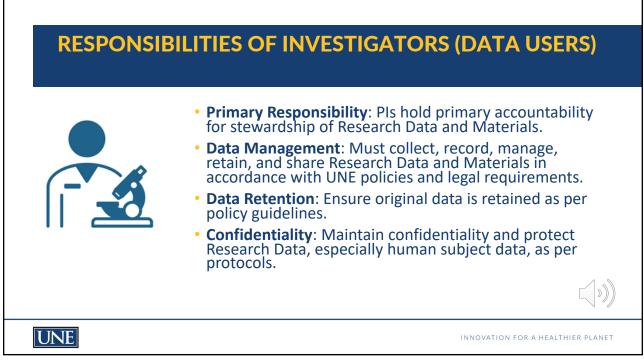


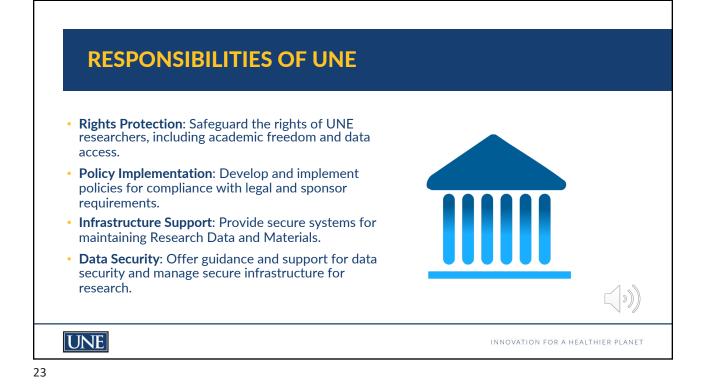


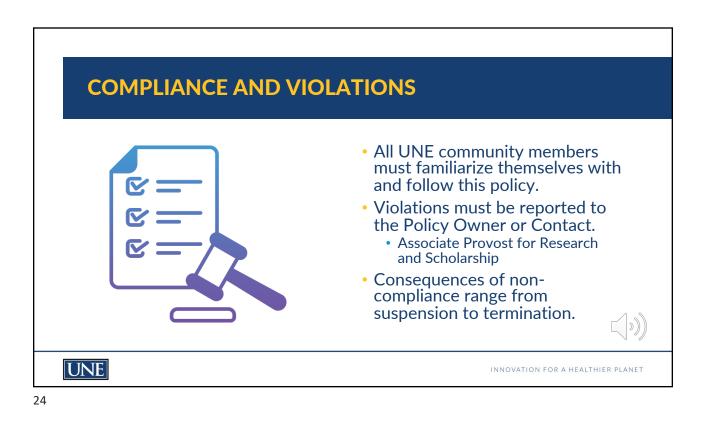




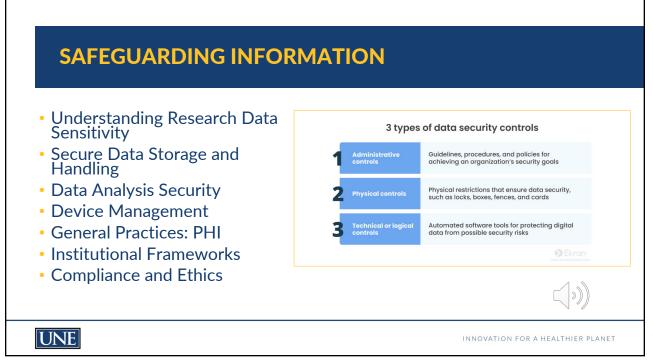


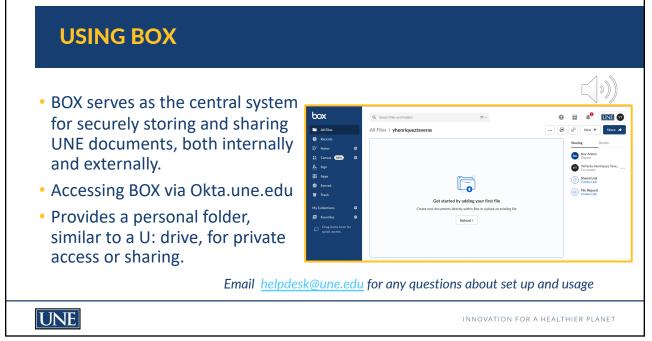














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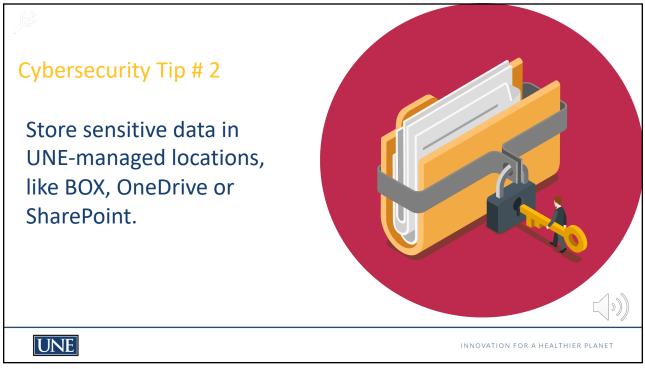
Cybersecurity Tip # 1

Add passcode protection and expiration dates when sharing links to recorded Zoom meetings, and/or files.



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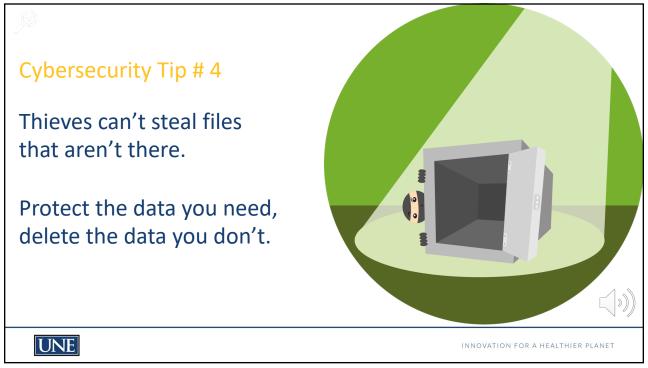
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Cybersecurity Tip # 3

Keep your team on the same page and protect your data. Send links instead of files when sharing with your team.



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Cybersecurity Tip # 5

Use the BOX or OneDrive apps to securely scan documents to the cloud with a simple tap.



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FAQS



Why does UNE own my research data and research materials?

UNE is the owner of all research data and research materials for projects conducted at the University, under the auspices of the University, or with University resources (monetary or otherwise). In addition, the institution must ensure that its community complies with laws, regulations, and institutional policy, including, for example, assessing allegations of research misconduct. Ownership concerns the rights and title to the research data and research materials, not physical possession nor direct responsibility.

Can a department have a policy about data ownership that overrides this policy?

Departments within the university cannot override this policy. The only exception to this rule is when UNE's ownership is specifically precluded by the terms of sponsorship or other agreements.

Who is responsible for the storage of research data?

The Principal Investigator is responsible for developing and overseeing a research data storage plan that is in accordance with the appropriate data classification (<u>UNE Data Security Guidelines)</u>.

Who should I contact if I have questions about research data or research material sharing between UNE and an external entity?

In some instances, sharing research data external to UNE may require a Data Use Agreement. Similarly, sharing research materials outside of UNE may require a Material Transfer Agreement. For Data Use Agreement or Material Transfer Agreement assistance, email <u>osp@une.edu</u>.

In all cases, if research data are being shared under an IRB-approved human subjects research protocol, the Principal Investigator should adhere to the data sharing procedures outlined in the approved protocol and contact the UNE IRB with any questions at IRB@une.edu.

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