Humans & Social Media

Cyberrisks, Cybertraps & Cybersecurity

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New Jersey SPELL JIF Symposium

Mt. Laurel, NJ

24 July 2019

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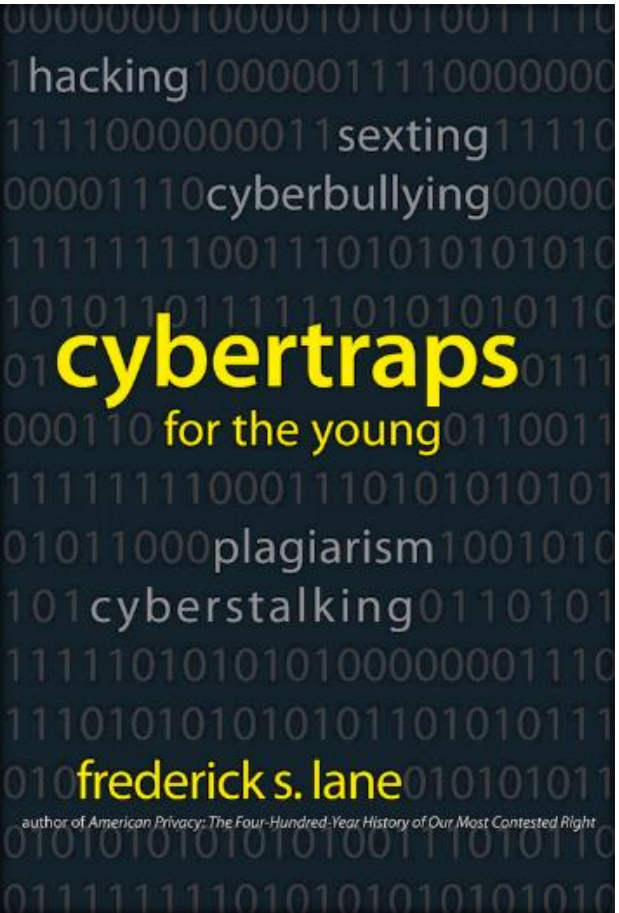
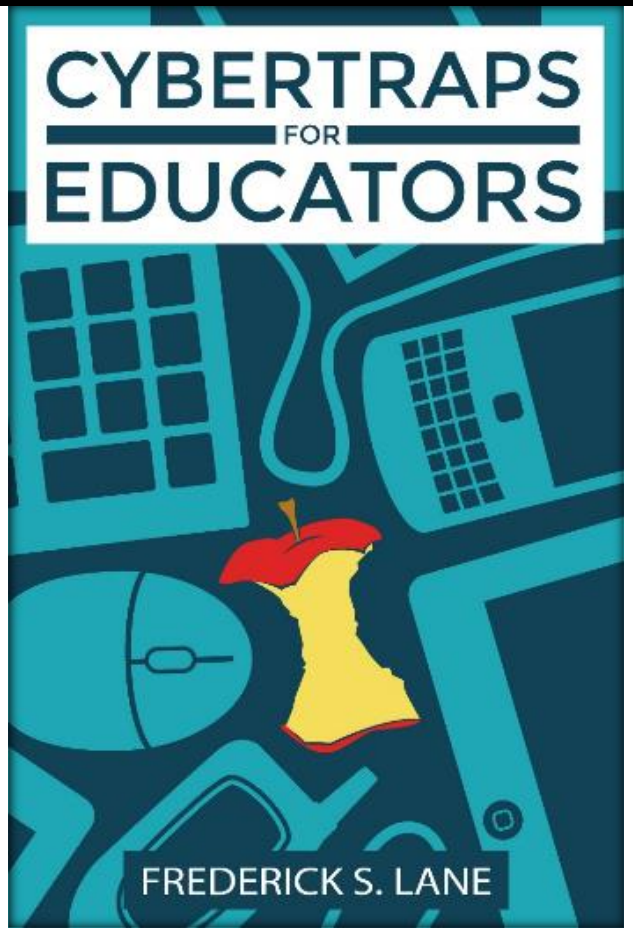
Introduction and Overview

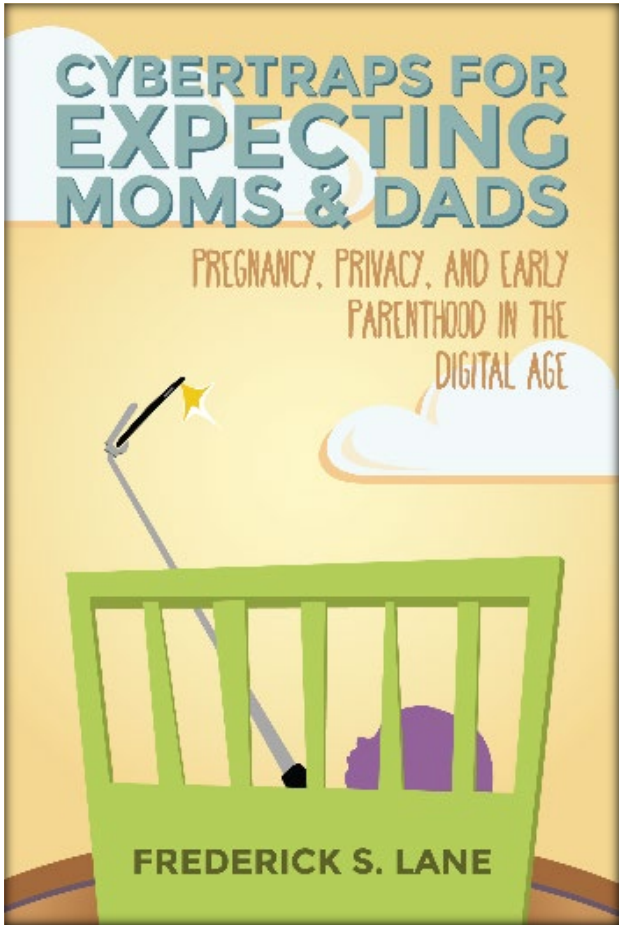
CYBERTRAPS

9 Books

CYBERTRAPS

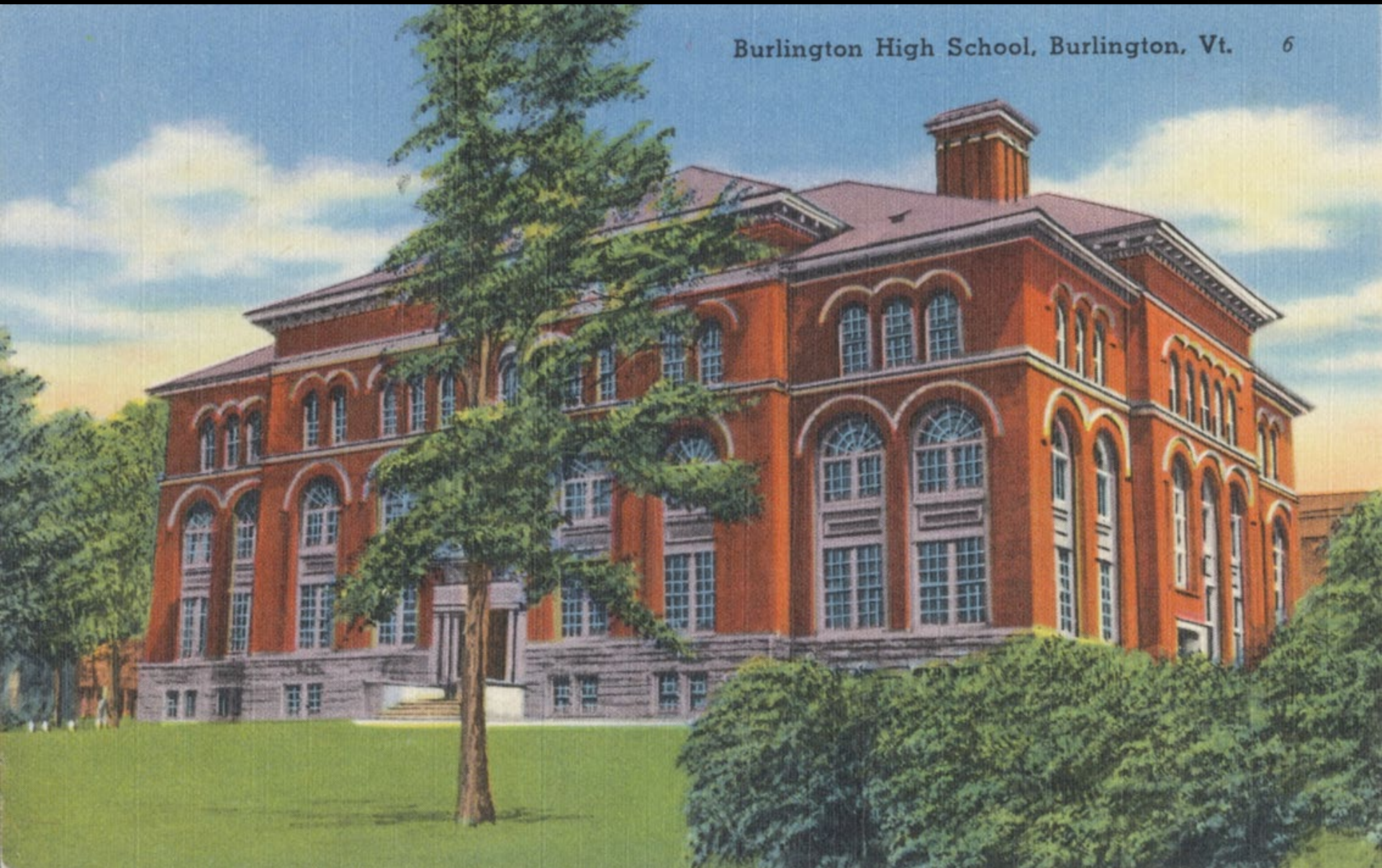






Burlington School Bd.

CYBERTRAPS



1950's Computer

CYBERTRAPS

1950's Telephone

CYBERTRAPS

Great-Grandchildren?

CYBERTRAPS

Opening Survey ...

Go to **www.menti.com** and use the code **26 42 39**

Favorite Social Networks (Name Up to 3)

Mentimeter

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Three Topics …

- Cyberrisks for Schools
- Cybertraps for School Employees
- A Culture of Cybersecurity

Cyberrisks for Schools

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Schools ♥ Technology

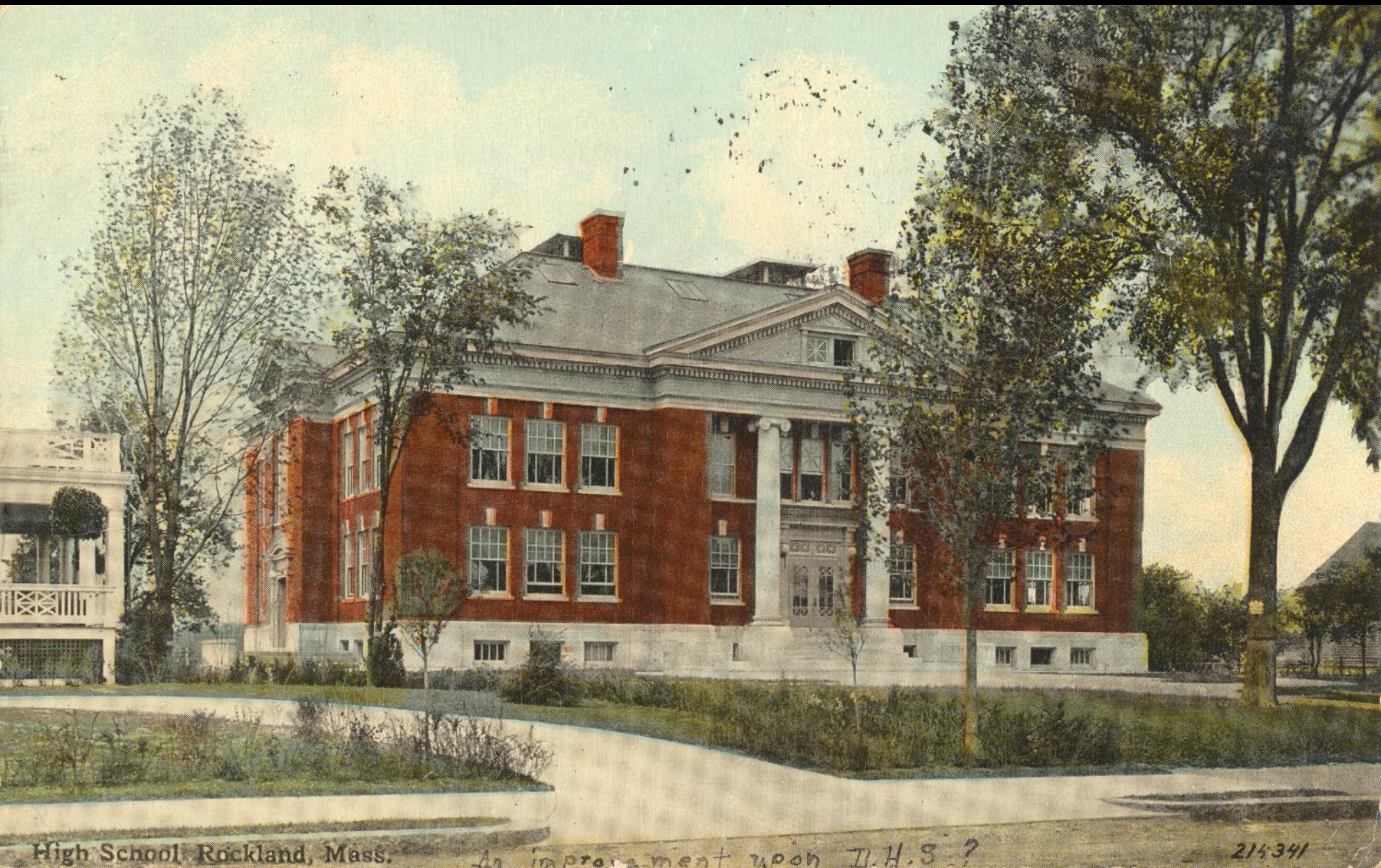
- Dramatic Increases in the Use of Educational Technologies
- Nearly Universal Use of Digital Data Storage
- Rapidly Increasing Use of Smart Devices and Internet-Connected Technology

Sampling of Today's Risks

- Cloud Storage & Control of Data
- Misuse of Social Media and Web Sites
- Digital Vandalism
- Theft of Data / Identity Theft
- Financial Fraud and Theft
- Malware and Ransomware
- Denial of Service
- Physical Damage & Harm to Students

Cybertraps for School Employees

CYBERTRAPS



Personal Cybertraps

- Sharing Inappropriate Jokes or Memes
- Criticizing Parents or Students Online
- Expressing Controversial or Hurtful Opinions on Social Media
- TMPI (Too Much Personal Information)
- Inappropriate Interactions with Students
- Misuse of Electronic Devices (e.g., Voyeurism, Creepshots, etc.)
- Harassment, Stalking, Assault

Employee Cybertraps

- Sharing Student Information without Authorization
- High-Risk Web Surfing
- Phalling for Phishing Attacks
- Poor Password Practices
- Leaving the Barn Door Unlocked

Personal & District Exposure

CYBERTRAPS

Consequences of Cybertraps

- Public Embarrassment
- Termination and Possible Loss of License
- Criminal Prosecution
- Legal Fees
- Significant Impact on School District & Community
- **Rising Legal Fees & Insurance Premiums**
- Stricter Legislation
- Damage to the Profession

A Culture of Cybersecurity

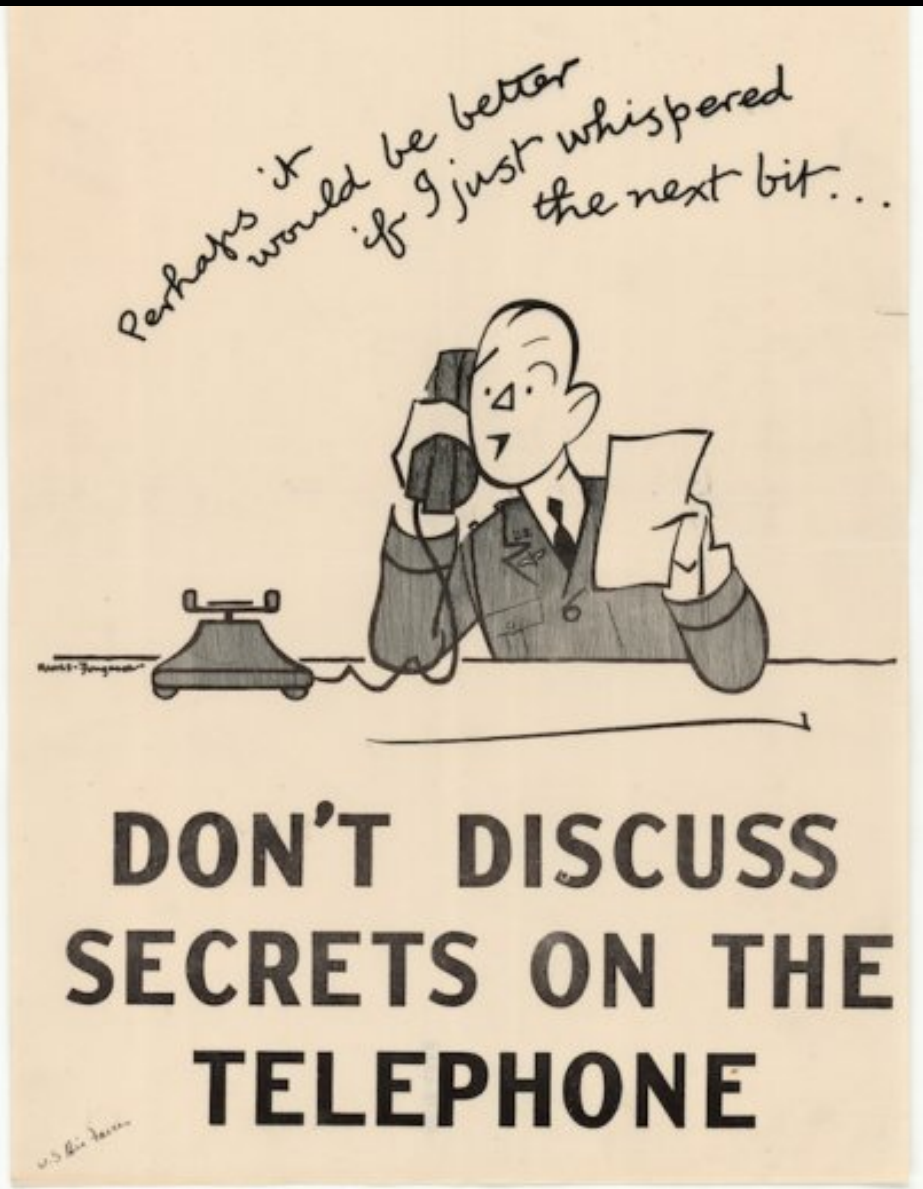
CYBERTRAPS

Threat Assessment

- **Who** are we trying to protect?
- **What** are we trying to protect?
- **Where** are people and data at risk?
- **When** have we taken steps to protect people and data?
- **How** can we most effectively spend limited financial resources?

Motivational Posters

CYBERTRAPS



Motivational Posters

CYBERTRAPS

Practical Measures

- Develop a Shared Commitment to Cybersecurity
- Education and Training – Rinse and Repeat
- **Password Managers**
- Practice Safe Surfing & Computing
- Invest in IT Staff – Outsource?

The Wrong Solution ...

CYBERTRAPS

Questions and Feedback

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