	Dan Wallach's "HOWTO"	Belfer Center's "Playbook"
Problem Statement and Adversarial Model	Problem: - espionage (leaked secrets) - sabotage (data corruption or destruction)  Adversaries: - criminal hackers - foreign nation-state governments  Types of attack: 1. Untargeted, remote (phishing, ransomware) 2. Targeted, remote (spear phishing) 3. Targeted, in person (snooping, police)	Problem: - increased digitization + human error - campaigns are vulnerable  Adversaries: - nation states - hacktivists  Types of attack: 1. Breach + release of secrets to public 2. Overloading of websites 3. Theft of donor data 4. Destruction of digital infrastructure
Proposed Solutions	Know Your Tech:  - update all equipment and software - best of breed cloud services (Google) - beware of apps and antivirus software - 2FA, but not verified through SMS - never directly handle credit card data - DNS security  How to Communicate: - secure cloud office suite (Google, Slack) - interview 3rd party providers about security - discourage comms with personal devices - look for https connections - assume all social network behavior is public  Threat-Specific Considerations: - for legally compelled attacks, use encrypted communication (Signal) and anonymous browsing (Tor) - for extra sensitive matters, use air-gapped computer + CDs or physical dead drops  Basic Operational Security: - don't put foreign USBs into your computer - charge phone with charger, not computer - assume mic and camera are always on - pay attention to surroundings - backup all devices	The Human Element:  - provide basic and ongoing security training - additional training for VIPs - thorough vetting of all staff - system of classification for campaign data  Communication:  - secure cloud office suite (Google, Microsoft) - encrypted messaging (Signal, Wickr) - switch off archiving; turn on auto-delete - no campaign business on personal accounts  Account Access and Management: - 2FA, but not verified through SMS - require strong passwords - separate accounts for admins and users  Incident Response Planning: - legal counsel and technical experts - incident response team with chain of command  Devices: - new equipment if possible, else strong policies - updated operating systems - cloud backups and remote wiping - change defaults, auto-lock, require encryption - install vetted endpoint security apps  Networks: - segmented cloud-based storage - access to content invitation only - separate guest WiFi, encrypted connections - VPNs (wary of free ones) and secure browsers - don't connect to unknown ports or devices

## **Discussion Questions:**

- 1. What are some similarities and differences between the two sets of recommendations?
- 2. Which of the recommendations do you feel is most relevant or important in our current climate? Why?
- 3. What changes might you make to the content or format of either document before presenting it to a campaign?