Cybersecurity, Emergencies, & Law

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Cybersecurity

• Confidentiality, availability, integrity

• Law, policy, plans, procedures, practices



Emergencies?

- Data security for state voting machines
- Sony Pictures
- Snowden-like theft and disclosure
- Military/intelligence operations
- Cyber Pearl Harbor or 9/11



Emergency Frameworks

- Executive authority
- National Emergencies Act
- International Emergency Economic Powers Act
- Other cyber emergency lenses:
 - Information assurance
 - Operational military/intelligence functions
 - Law enforcement
 - Emergency management
 - Critical infrastructure



April 2015 Cyber Emergency Declaration

"... increasing prevalence and severity of malicious cyber-enabled activities originating from, or directed by persons located, in whole or in substantial part, outside the United States constitute an unusual and extraordinary threat to the national security, foreign policy, and economy of the United States."



2017 NDAA

Sec. 1641.

- Senate modifies title 10, U.S.C. (Defense)
- House modifies title 41, U.S.C. (Procurement)

"... procurement of property or services <u>by or for</u> <u>an executive agency</u> ... to facilitate the <u>defense</u> <u>against</u> or <u>recovery from</u> *cyber*, nuclear, biological, chemical, or radiological attack against the United States."



Theoretical Framing

- An expansive emergency paradigm
- Liberal constitutionalism vs. relativism
- Administrative National Security State
- Behavioral public choice:
 - Policy choices
 - Operational decisions
 - Transnational law and relationships



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Looking Ahead

- Organization of Congress
- Legislative clarity
- Functionalist constitutional rights
- Transparency, as with IEEPA and NEA
- State-level cybersecurity
- International law



Educating Legal and Other Professionals

- Cybersecurity in context—not just cybercrime
- Interdisciplinary degrees
- Psychology & decision science
- Leadership
- Emergency management
- UMD Carey Law JD, LLM, MSL, + MSL online http://www.law.umaryland.edu/academics/



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40 J. Legis. 251 (2014)