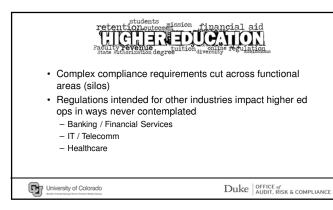
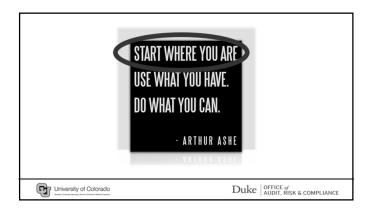
Privacy Boot Camp: A Pragmatic Approach the Regulatory Wilderr	이는 가슴에서 앉는 가지만 아름다운 것이 안을 들었다.
Please pull up <u>https:/</u>	/ <u>/kahoot.it/</u> on your device
States and States and	
Pri	esented by:
	Kathleen Sutherland
Pro SCCE Higher Education Compliance Conference June 2018 (Session P1)	

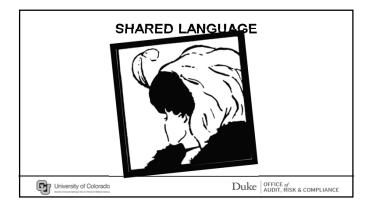
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 Management and ope Resources are limited Governance is shared Academic freedom is 	erations are decentralized d d
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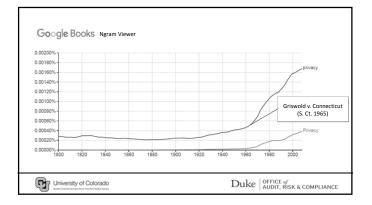


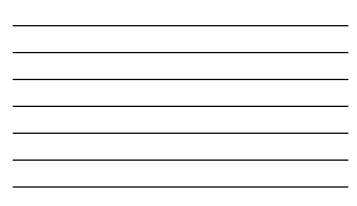


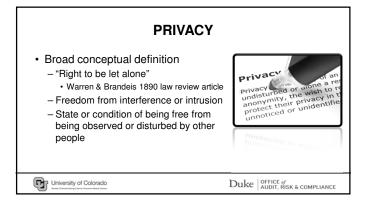


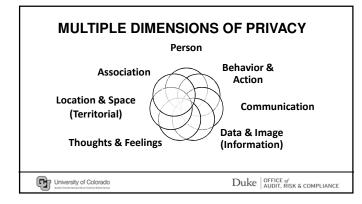




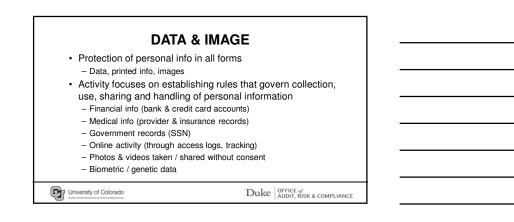


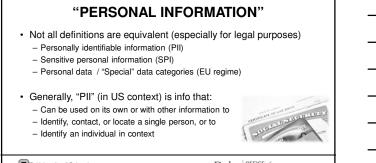




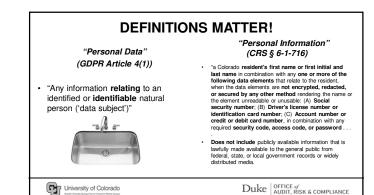








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DEFINITIONS MATTER!

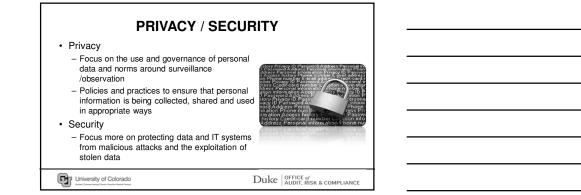
"Special Categories" of Personal Data (GDPR Article 9(1))

Personal data that reveals "racial or ethnic origin, political opinions, religious or philosophical beliefs, or trade union membership, ... genetic data, biometric data for the purpose of uniquely identifying a natural person, data concerning health or data concerning a natural person's sex life or sexual orientation" "Sensitive" Personal Information (FTC 2012 Report)

 "The Commission defines as sensitive, at a minimum, data about children, financial and health information, Social Security numbers, and certain geolocation data"

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COMPLIANCE CHALLENGE

- Three approaches to info privacy regulation globally:
 - United States: Sector-specific and dataspecific
 - European Union: Omnibus privacy laws applicable to all PII, regardless of sector, category of individual, or type of PII
 - Rest of World: Mix of US and EU approaches

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"FAIR INFORMATION PRACTICE PRINCIPLES"

- Blend of substantive and procedural principles to be used in evaluation and consideration of systems, processes, or programs that affect individual privacy
 Basis of a number of privacy frameworks and
- · Building blocks of modern information privacy law

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standards



PRIVACY FRAMEWORKS

- Fair Information Practice Principles (FIPPs)
 - US Dept. Health, Education, and Welfare 1973 Report (Privacy Act of 1974)
- Generally Accepted Privacy Principles (GAPP)
 - AICPA/CICA (business/management perspective on privacy obligations, risks & opportunities)
- · Guidelines on the Protection of Privacy and Transborder Flows of Personal Data
 - Organisation for Economic Cooperation and Development (OECD, 1980/2013)

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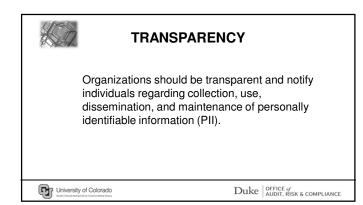
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PRIVACY FRAMEWORKS

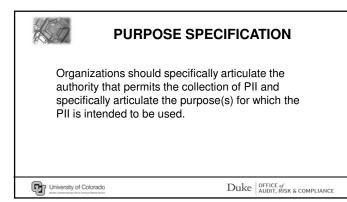
- APEC Privacy Framework
- Asia-Pacific Economic Cooperation Electronic Commerce Steering Group (ECSG 2005)
- Security and Privacy Controls for Federal Information Systems and Organizations
- NIST SP 800-53 (Rev. 4); "Privacy Control Catalog" (2015) · ISO/IEC 29100: 2011 - Information technology - Security
- techniques Privacy framework

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INDIVIDUAL PARTICIPATION	
Organizations should involve the individual in the process of using PII and, to the extent practicable, seek individual consent for the collection, use, dissemination, and maintenance of PII.	
Organizations should also provide mechanisms for appropriate access, correction, and redress regarding use of PII.	

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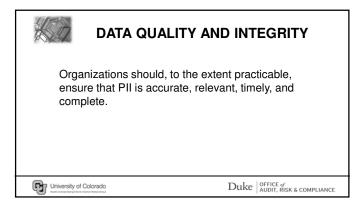


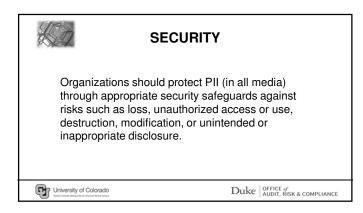
Organizations should only collect PII that is directly relevant and necessary to accomplish the specified purpose(s) and only retain PII for as long as is necessary to fulfill the specified purpose(s).

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	ΓΙΟΝ
Organizations should use PII s purpose(s) specified in the not	,
Sharing PII should be for a pur with the purpose for which the	
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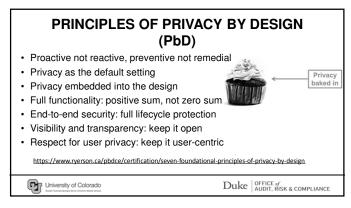


ACCOUNTABILITY AND AUDITING

Organizations should be accountable for complying with these principles, providing training to all employees and contractors who use PII, and auditing the actual use of PII to demonstrate compliance with these principles and all applicable privacy protection requirements.

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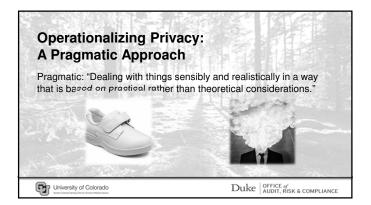
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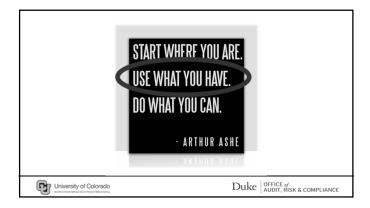


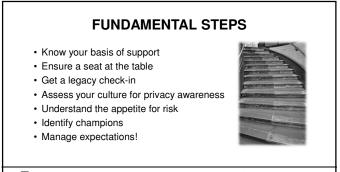
PRIVACY PROGRAM

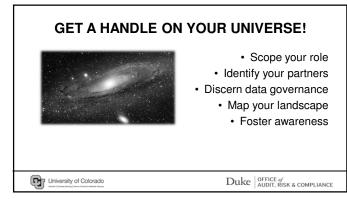
- "Privacy" and privacy risks properly defined and identified?
- Responsibility and accountability for managing privacy program assigned?
- · Understand gaps in privacy management?
- Monitor privacy management?
- · Train and/or educate students, faculty and staff?
- Incident response plan?
- Communicate privacy-related matters and update communications as needed?

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WHAT'S YOUR SCOPE?

- Operational Program Owner
 - Policy owner/enforcer
 - Incident management
 - Vendor/contract review
 - Monitoring
- Strategic Partner
- Consultant
- Assessments
- Shared Risk Owner

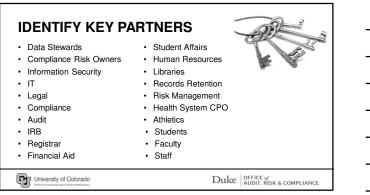
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- Subject Matter Resource
- Assurance Provider

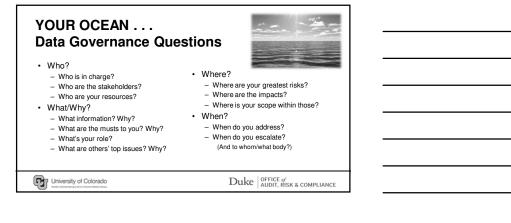
 Compliance reviews; audits

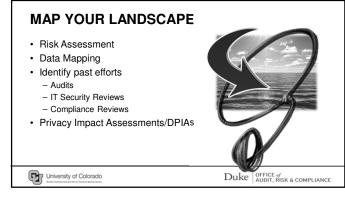
 Other
- HIPAA Privacy Officer
- GDPR Data Protection Officer
 - .











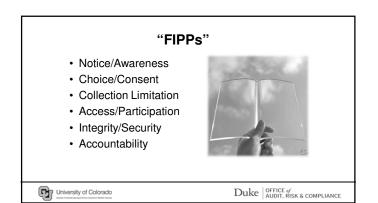
GO FOR THE "AHA!" MOMENT

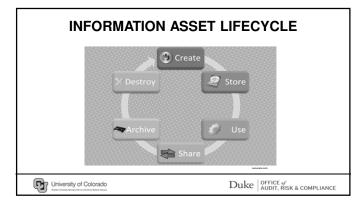
- Communicate/Message/Brand
 - Available Forums, Media
 Roadshows/Campaigns
 - Swag!
- Ground the Message
 FIPPs; PbD bake it in!
- Information Asset Lifecycle ManagementPromote the "Golden Rule of Privacy"

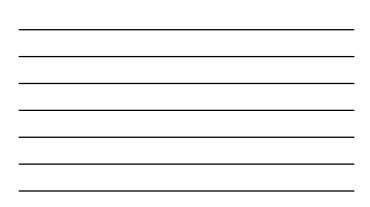


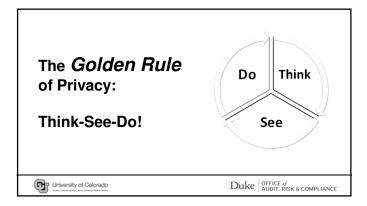
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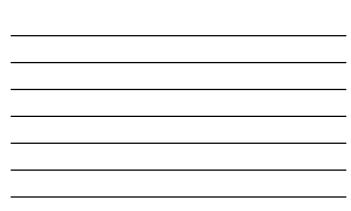














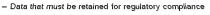
ARCHIVE OR DESTROY?

• Data archiving:

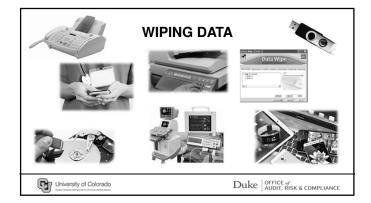
 Process of moving data that is no longer actively used to a separate storage device for long-term retention

• Archive data:

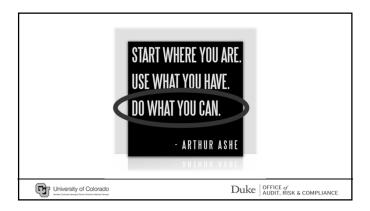
- Older data that is still important to the organization, needed for future reference

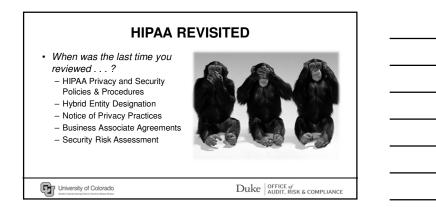


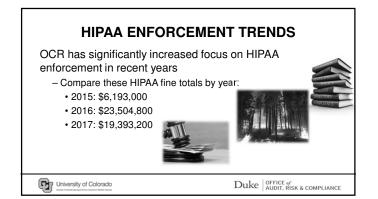






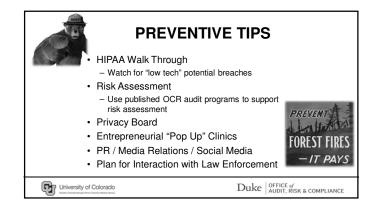






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	Fine Tatal	Link to DCR Settlement
Presence Health	\$475,000	Einst Mikhak and scenarast action for hock of timely breach, antiference.
MAFRE	\$2,200,000	HPAA settlement demonstrates importance of implemention subsuards for ePHI
Children's Medical Center of Dallas	\$3,200,000	Lack of timely action risks security and costs money
Menarial Healthcare System	\$5,500,000	55.5 million HPAA settlement shines lisht on the importance of audit controls
Metro Community Provider Network	\$400,000	Querizablica risks leads to breach. \$400.000 settlement
Center for Children's Digestive Health	\$31,000	No Business Associate Accessment? Shitkmistake
CandioNet	\$2,500,00	52.5 million settlement shows that not understanding HIPMA requirements creates risk
Memorial Hermann Health System	\$2,400,000	Texas health system settles optential HIPAA violations for disclosing eatlent information
9. Luke's Roosevelt Hospital System	\$387,200	Casalant handling of With information jacquarking patient's princy, mate antipy \$1832
21st Century Oncology	\$2,300,000	Ealises to occlear the health records of millions of people costs entity millions of dollars.
2017 Tetal	519,393,200	





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GLBA REVISITED

- Applies to "financial institutions" handling of customers' "nonpublic personal information"
- FERPA compliance is deemed GLBA Privacy Rule compliance
- Safeguards Rule (16 CFR §314) requires *written information* security program that addresses specific elements
 - Designation of responsible employee, comprehensive risk assessment, implementing safeguards (with testing/monitoring), selection & oversight of 3rd party providers, program evaluations/adjustment
- Original Safeguards Rule compliance required in May 2003
 - Higher Ed FTC regulatory authority
 - FSA added Program Participation Agreement (PPA) GLBA requirement 2015

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- Dept. Ed "Dear Colleague Letters" re protecting student info
 DCL GEN 15-18 & GEN 16-12: Student financial aid info subject to GLBA Safeguards Rule
 - "Strongly encourages" institutions to review and understand NIST SP800-171 standards for protecting Controlled Unclassified Information (CUI)
 - Contractual obligation to protect data under FSA PPA and SAIG Enrollment Agreement
- GLBA will (almost certainly) be included in FY19 federal single audit
 - OMB draft audit objective language released August 2017

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GLBA (DRAFT) A	UDIT OBJECTIVE
Determine whether the IHE [institut education] <i>designated an individu</i> coordinate the information security <i>performed a risk assessment</i> tha the three areas noted in 16 CFR 3 ⁻ <i>documented safeguards</i> for ident	ual to program; at addresses 14.4(b) and
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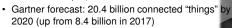
- a) Verify that the IHE has *designated an individual* to coordinate the information security program.
- b) **Obtain the IHE risk assessment** and verify that it addresses the three required areas noted in 16 CFR 314.4 (b).
- c) Obtain the documentation created by the IHE that aligns each safeguard with each risk identified from step b above, verifying that the IHE has identified a safeguard for each risk.

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INTERNET OF THINGS

- Over half the world's internet traffic is not coming from humans
 - Imperva Incapsula Report
- IoT set to overtake mobile phones as largest category of connected devices in 2018
 – Ericsson Mobility Report June 2017



 IoT devices predicted to generate 400 zettabytes (a trillion gigabytes) of data per year in 2018

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INTERNET OF THINGS

- How is your institution assessing risk and controlling impact of IoT to computing systems, networks and data?
 - Policies, standards, guidelines addressing adoption of IoT functionality?
 Risks distinct from traditional computing environment
 - Controls for detecting, evaluating, monitoring, managing introduction of connected devices?
 - · Purchasing controls, vendor checklists, training & awareness
- Proactive consideration of privacy impacts / risks due to "out-ofthe-box" configuration and weak security controls?
 - Devices collect, transmit and store confidential/personal data

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EU GENERAL DATA PROTECTION REGULATION



- Designed to provide EU data subjects more control over their personal data and codifies privacy as a fundamental right
- Applies to organizations with operations in the EU and/or that offer goods or services to and/or monitor people in the EU
- Requires that controllers and processors document the legal basis to transfer and process personal data
- Has extra-territorial reach and imposes significant fines for noncompliance

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EU GENERAL DATA PROTECTION REGULATION



- Protects info of data subjects (natural persons), regardless of nationality
 - Not a "citizenship-dependent" law
- For US academic institutions, "natural persons" will be: - Students (going to study abroad programs in the EU)
 - Students (going to study abroad programs
 Faculty (hired locally or posted to the EU)
 - Faculty (filled locally of posted to the EO)
 - Staff and other personnel (hired locally or posted to the EU)
 Third parties (e.g., EU contractors, donors, researchers)
 - Third parties (e.g., EO contractors, donors, researchers

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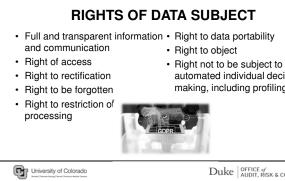
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PROCESSING OF PERSONAL DATA: PRINCIPLES

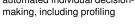
ARTICLE 5 - Organization collecting, processing & storing personal data must respect these principles:

- · Lawfulness, Fairness & Transparency
- Purpose Limitation
- Data Minimization
- Accuracy
- Storage Limitation
- · Integrity & Confidentiality
- Accountability

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automated individual decision-



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- · It applies to everyone!
- · Processing of personal data always requires the data subject's consent
- Data Privacy Impact Assessments (DPIA) are mandatory
- · You must delete all personal info in response to a "right to be forgotten" request
- You must have a Data Protection Officer (DPO)
- · Fines are set: 4% or 20 million Euro, whichever is greater

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INTERNATIONAL

- Data privacy laws other than GDPR
- · Consider impact on:
 - HR operations / Tax obligations
 - Research abroad
 - International investigations (e.g., Title IX study abroad)
 - Export control
 - · VPN access / transborder data flow Tech control plan
 - Online ed initiatives
 - Citizenship

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EVOLVING GLOBAL LANDSCAPE: ISRAEL

Privacy Protection Regulations (Data Security) 5777-2017 (March 2017)

- Impose mandatory comprehensive data security and breach notification requirements on anyone who owns, manages or maintains a database containing personal data in Israel
 - Resource: <u>https://iapp.org/news/a/israel-enacts-landmark-data-security-notification-regulations/</u>

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EVOLVING GLOBAL LANDSCAPE: CHINA



- Cybersecurity Law became effective June 2017
- · Reforms data management and internet usage regulations
- · Imposes specific requirements for network and system security for
- network operators and businesses in defined critical sectors
 Law has raised concerns among some foreign companies over the greater data controls and increased risk of intellectual property theft

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EVOLVING GLOBAL LANDSCAPE: CANADA



- Personal Information Protection and Electronic Documents Act ("PIPEDA") is the federal privacy law applicable to the private sector
- 28 federal, provincial and territorial privacy statutes govern the protection of personal information in the private, public and health sectors
- These statutes vary but set out a comprehensive regime for collection, use and disclosure of personal information

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BIG DATA	
 Increased connectivity and growth of IoT allows improved analysis 	sis
 Tracking behavior, enhanced situational awareness, operational decision analytics, "personalized" medicine 	ı
Challenges on campus:	
 Data mining for research (secondary uses of data) 	
 Large health-related data repositories, biometrics 	
 Learning analytics / third party learning tool interoperability apps (LTIs) platforms) 	
 "Student success" monitoring platforms ("profiling" perception) 	
- Student-focused apps that track, swipe access / banking cards	

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RESEARCH-RELATED CONCERNS

- Use of data collected from/about students for secondary uses, including research
- Capture, use, further disclosure for research of biometric data
 State biometric privacy laws, breach laws with biometrics amendments
- "Controlled Unclassified Information" (CUI) NIST SP 800-171
 Data that should be safeguarded that is not classified
- Categories with privacy implications: Research data, student records & PII
 Privacy/security concerns about research apps
- Use of PHI for research, especially research conducted outside CE

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VENDOR MANAGEMENT

- Privacy & security control assessment in procurement process

 Shifting of systems to the "Cloud"
- Appropriate contract language, including data definitions (PII, SPI), encryption & audit provisions
 - Consider requiring Service Organization Control (SOC) Report, third party certification
- Ongoing monitoring & relationship management
- Consideration of data lifecycle & coordinated incident response
- Subcontract considerations (data services "supply chain")

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RECORDING / SURVEILLANCE

- Cameras
 - Security cameras, drones, media on campus, cell phones
- General Filming Restrictions
 Live streaming
- General Audio Recording Restrictions
- Email & Social Media Monitoring



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CAMERAS



- Cameras may not be used in locations where there is a "reasonable expectation of privacy"
 DOJ guide on security technologies in colleges and universities (1999)
- Security camera footage is not covered under FERPA
- Not an "education record"
- · Ubiquity of cell phones



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