

## Life Sciences Cybersecurity Executive Roundtable May 29, 2019



### Dr. Keri Pearlson

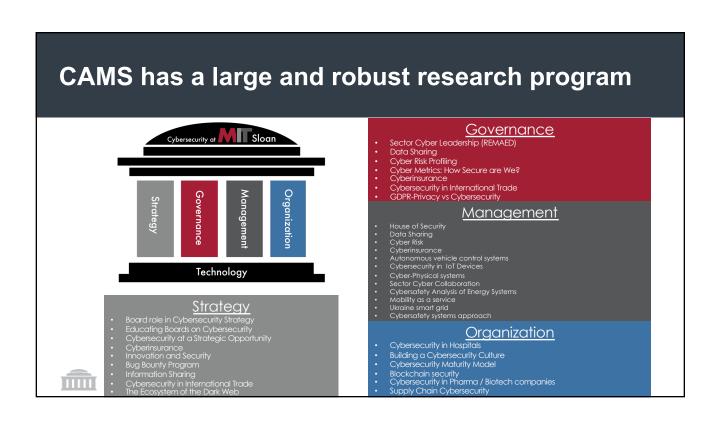
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## **Round Table Kick Off Meeting Agenda**



5:30	Kick Off
10 Min	Introduction
30 Min	Hot Topics Discussion
30 Min	CAMS Research Showcase
20 Min	Proposal for going forward
7:00	Adjourn







### **Chatham House Rule:**



To encourage interactivity, we will use Chatham House rule

"Under the Chatham House Rule, participants are free to use the information received, but neither the identity nor the affiliation of the speaker(s), nor that of any other participant, may be revealed."

### **Introductions**



## Please introduce yourself. Tell us:

Your Name
Your Company
Your Position/Interest in Cybersecurity
One of your cybersecurity-related priorities this
year (2019)

## **Hot Topics Discussion**



## Open Discussion:

What is the most pressing cybersecurity concern you face right now?





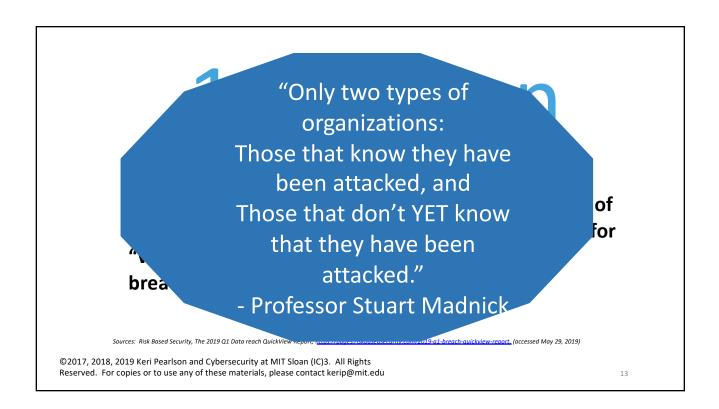
# 1.9 Billion

The number of records exposed by data breaches in the first quarter of 2019. This is the largest number of exposed records in a Q1 ever, putting 2019 on pace for "worst year on record for publically reported breaches"

Sources: Risk Based Security, The 2019 Q1 Data reach QuickView Report, https://pages.riskbasedsecurity.com/2019-a1-breach-quickview-report, (accessed May 29, 2019)

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84%

The percent of cyber attacks due to human error (such as using easy-to-guess passwords, leaving physical devices in an unsafe areas, failing to apply a patch)

Source: https://securityintelligence.com/news/insider-threats-account-for-nearly-75-percent-of-security-breach-incidents/

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## Audience Participation...

(raise your hand)
Have you ever received a
phishing email?

Have you clicked on the link?

## Cybersecurity is a Big Problem



Organizational cybersecurity requires more than just the latest technology.

To secure an organization, <u>everyone</u> in the organization must act to reduce risk.

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#### **CAMS Research:**

**Organizational Cybersecurity Culture** 



#### **Research Question:**

How can we understand, shape and align the beliefs, values and attitudes of their organization with cybersecurity goals?

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#### **Defining Cybersecurity Culture**



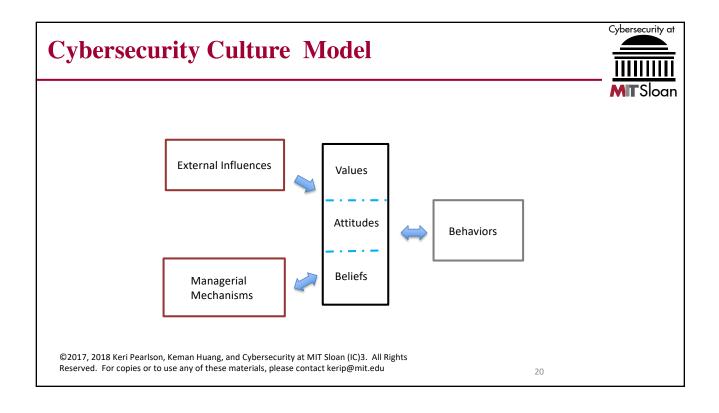
Cybersecurity Culture: The attitudes, beliefs, and values (unwritten rules) that drive employee behaviors that protect and defend the organization from cyber risks.

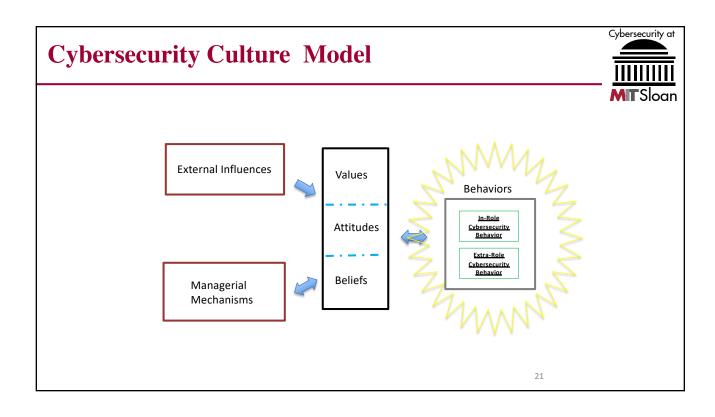
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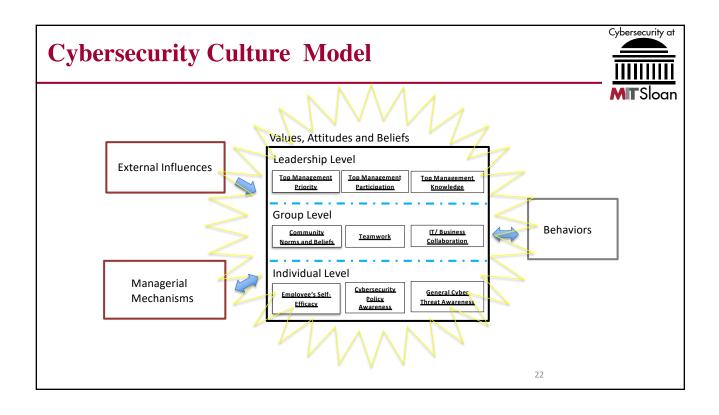
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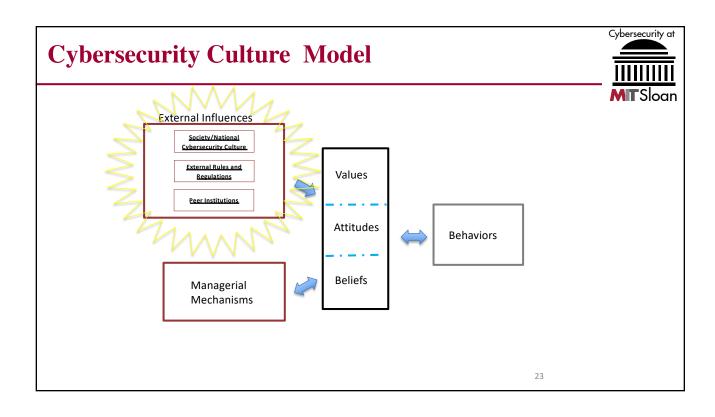
## Audience Participation...

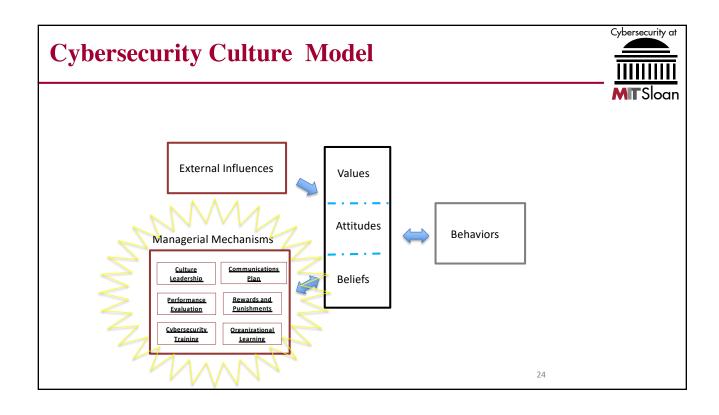
What is one thing you/your organization has done to drive cybersecure behaviors?

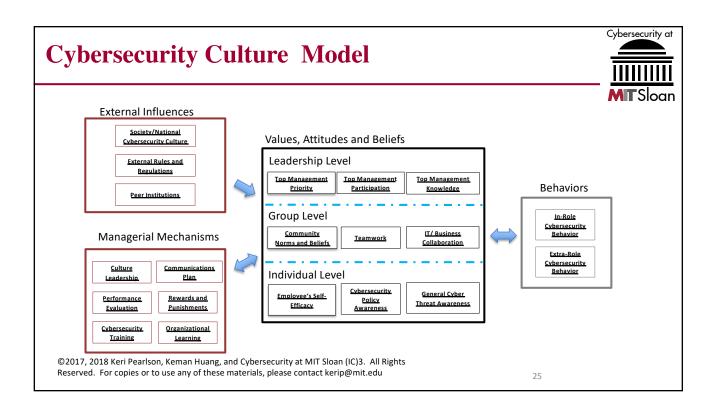












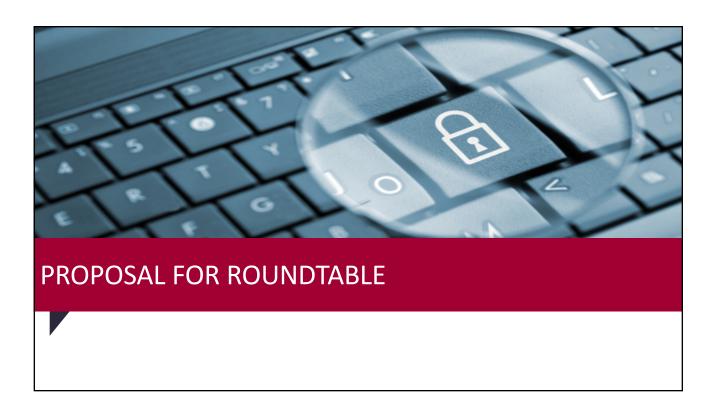
## Call to Action: 3 Things You Can Do Today



- Identify the values, attitudes and beliefs that drive cybersecurity (and that undermine it) around here.
   Reinforce the ones that help keep you and your company secure.
- Educate, Communicate, Advocate: Once a year compliance training is not enough (Equifax, Target, TJX, etc. were preventable). Create cyber moments at the beginning of each meeting to share an idea with your colleagues.
- 3. Find ways to create **personal responsibility** for keeping the organization cybersecurity (marketing techniques, communications plans, etc.)

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## Proposal and Discussion for Moving Forward Cybersecurity of with Roundtable

- We will focus on managerial, leadership and strategic cybersecurity topics to provide a forum for life sciences cybersecurity leaders to find actionable ways to be more secure.
- Meet quarterly for 90 min at CAMS office (Suggested 2019 meetings: one the week of September 9, 2019, another the week of December 2, 2019)
- Agenda includes hot topics discussion and CAMS research showcase.
- Invoke "Chatham House Rules" informal agreement about participation, idea sharing, and protecting sources (no formal agreements)
- We will create a 1-page summary of each meeting suitable for participants to share with colleagues
- We will offer this at no cost to participants in 2019 as long as a few companies join CAMS.
- We will evaluate how it's going in Q4 and decide on plans for 2020
- We will have volunteers cover the costs of refreshments (see sign up).

## Want to know more about our research?



**THANK** YOU!



Use this QR Code to take our survey to help us with our model

Join us! Our research is supported by companies like yours and many others from numerous industries.

More info available at: https://cams.mit.edu or contact me directly: kerip@mit.edu

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