



**Human Risk Management CAMS Roundtable**  
**The Culture Club**  
 March 6, 2024



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**Subgroup Kick Off Meeting Agenda**



11:30am	Kick Off
10 Min	Introduction
35 Min	Hot Topics Discussion
35 Min	AI impact on Culture
10 Min	Wrap Up
1:00pm	Adjourn

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## Chatham House Rule



To encourage interactivity, we will use the 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."

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## Introductions



**Please introduce yourself. Tell us your:**

**Name**

**Company**

**Position/Interest in Cybersecurity**

**Are you using AI to change/manage/measure your cybersecurity culture?**

**(Yes-No for now, we will get into details later)?**

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## Hot Topics Discussion: What's On Your Mind Today?



Audience Participation:  
What question would you like to discuss with  
this group?

(NOTE: We will table AI-culture questions for  
now and address them in the second part of our  
meeting today)

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## We asked what you wanted to discuss today. Here's a sample of the responses



1. Are companies going beyond phishing exercises? Is there a next step or is it just repetitive testing? (Fred)
2. What do you feel are the most effective methods to train employees on AI? (Jill)
3. How are you measuring your HRM efforts and what results are leadership most interested in? (Jay)
4. Are there any instances where a human isn't in the loop before AI is used? (Darren)
5. How are you tailored learning experiences to the learner's preferred learning style (any use cases?)

There were also a lot of questions about using AI for culture and training...  
we'll get to that in the next part of today's session.

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## Research Questions



We asked:

What role can AI play in driving a strong cyber security culture?

How is AI impacting cyber security culture?

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## Research Objectives



- Describe **how managers can use AI** to build or increase maturity.
- Uncover use cases and examples that are both low hanging fruit and most impactful to the business. Some examples we might consider include:
  - Identify some of the ways AI can improve cyber risk **measurement** (find some use-cases)
  - AI improving **role-based training** (for example. just-in time training)
  - **Augmented behaviour** and virtual assistant
  - Training based on **micro-level personalised** learning styles.
- Investigate how AI can be used to **change values, attitudes and beliefs** and drive more secure behaviours.
- **Key challenges** AI introduces to cybersecurity culture.

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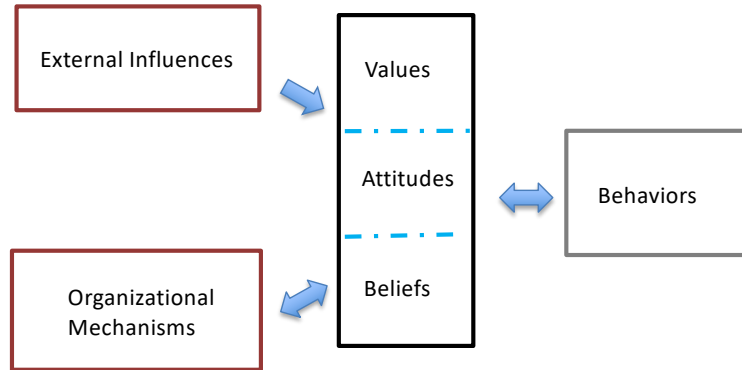
## Research Assumptions



- This project is a study to understand how AI builds/enhances/impacts cybersecurity culture and reduces/increases human risk.
- This project is not:
  - How to make AI itself secure,
  - Uses of AI in an organization,
  - How AI can make an organization more secure in general,
  - How AI might replace human capital.
- While we use the general term "AI", we mean current AI applications available today such as GenAI, Deep Fakes, etc.

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# Cybersecurity Culture Model

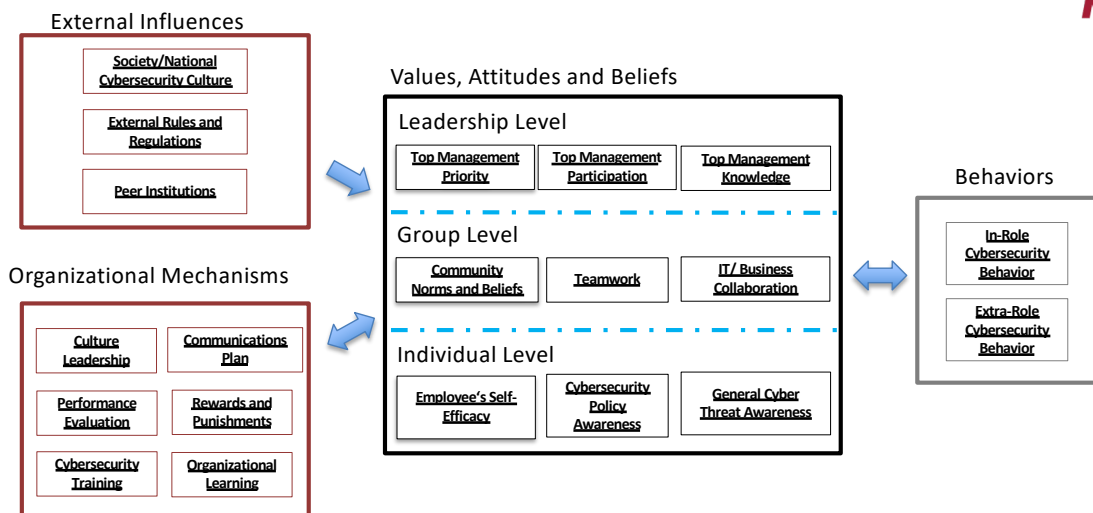


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# Cybersecurity Culture Model

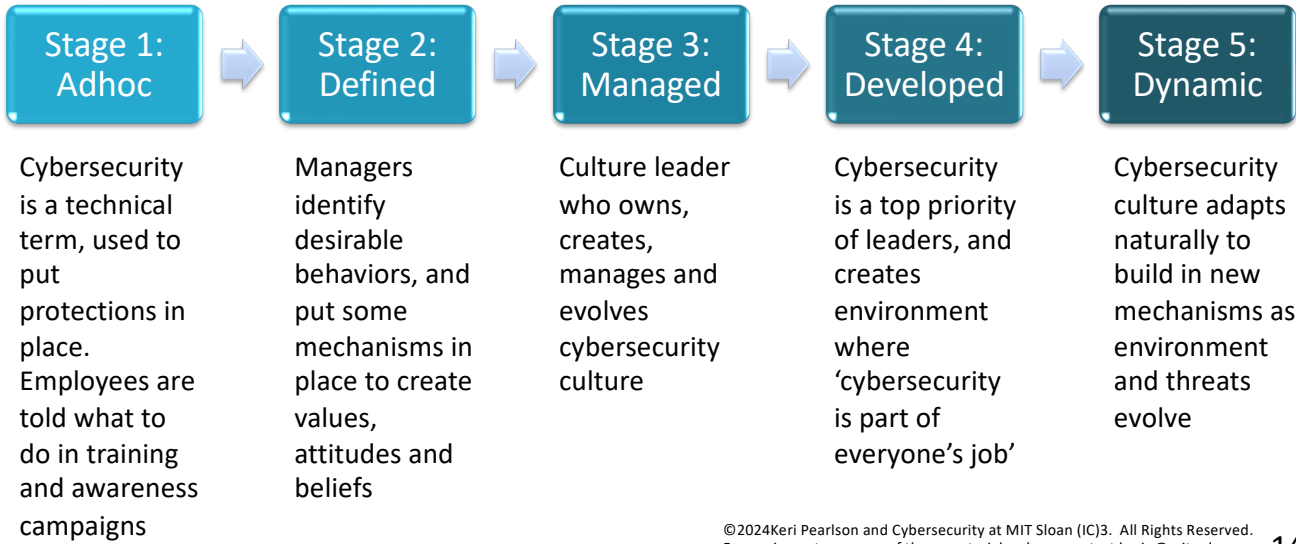


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# Cybersecurity Culture: A Maturity Model



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## Take a few min to help us:



We want your input:

Please take 10 min to complete our survey:

Use this link: [https://survey.qualtrics.com/jfe/form/SV\\_7agPAXFzUHk6aoK](https://survey.qualtrics.com/jfe/form/SV_7agPAXFzUHk6aoK)

Use this shortcut: [https://bit.ly/CAMS\\_MAR24\\_SURVEY](https://bit.ly/CAMS_MAR24_SURVEY)

Use this QR code (use your camera on your phone):



## Discussion



Your thoughts:

1. What do you think AI will do to your culture (values, attitudes, beliefs)?
2. What are you preparing? testing?
3. What negative things keep you up at night regarding AI and cyber culture?
4. Any inroads on the measurement topic?

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## What's Up Next for our SIG: CCIS- May 15, 2024

- **May 15** -CAMS Cybersecurity Innovation Symposium (CIO Symposium May 14)
- **June 12** and **Dec. 5**: Culture Club SIG will meet
- **August 8** (11-12:30 Eastern): CAMS Discuss Research with our Researcher Webinar
- **Oct. 23** (all day) CAMS In Person Workshop

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**Take a few min to help us:**



**We want your input:**

**Please take 10 min to complete our survey:**

Use this link: [https://survey.qualtrics.com/jfe/form/SV\\_7agPAXFzUHk6aoK](https://survey.qualtrics.com/jfe/form/SV_7agPAXFzUHk6aoK)

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# THANK YOU!

**We could not do the work we do without our  
CAMS members! Thank you for supporting our  
work.**

**More info available at: <https://cams.mit.edu> or  
contact Debbie or Keri:  
[defran24@mit.edu](mailto:defran24@mit.edu), or [kerip@mit.edu](mailto:kerip@mit.edu)**

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