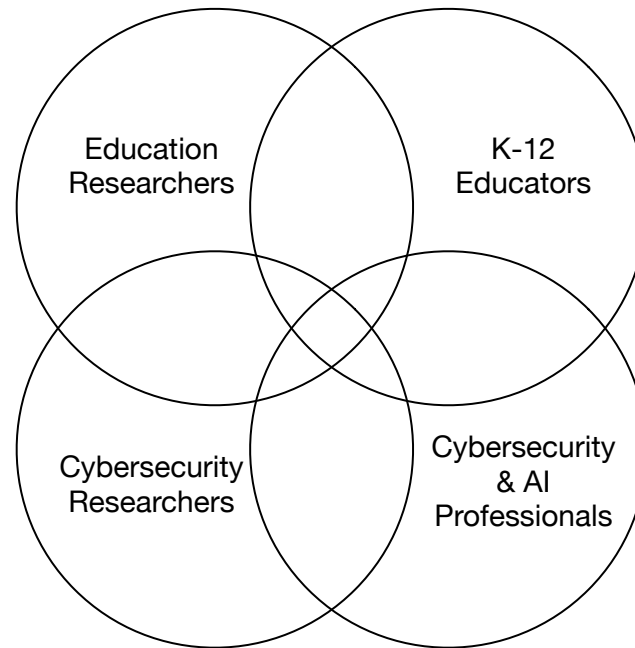


# Opening Doors for Cybersecurity & AI: An Interdisciplinary Approach to Engaging Middle School Students

## Challenge:

- What do MS students know about AI & Cybersecurity?
- How can we address gaps in understanding?



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## Solution:

- Think tank to get transdisciplinary understanding of needs
- Create proof of concept instructional module
- Create survey to determine what is known

## Scientific Impact:

- Build consensus view of what's important for students to know
- Engage variety of stakeholders in addressing the issues
- Understand how to support transdisciplinary development of educational approaches to ensuring students have access to this content

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## Broader Impact and Broader Participation:

- Foster understanding of critical issues, knowledge, and skills for developing a socially responsible, equitable workforce and informed public
- Lead to important changes in our understanding of the foundations of AI and cybersecurity
- Provide innovative model to motivate and educate students about AI and cybersecurity