

# BUILDING A RESEARCH COLLABORATION NETWORK IN AGRICULTURE CYBERSECURITY

*Precision technologies and big-data analytics are delivering enormous benefits to agricultural production, innovation and discovery.*

*However, these critical advancements also expose the agricultural ecosystem to various forms of cyber attack that could jeopardize the food & agriculture supply chain, food safety and security and – ultimately – national security.*

## RATIONALE

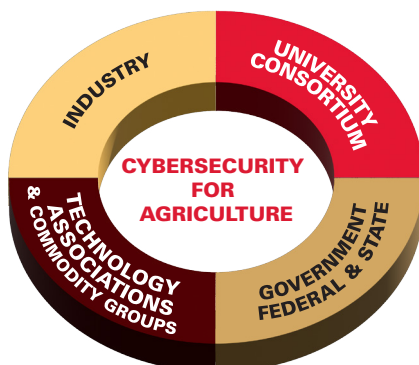
- Agriculture has undergone sweeping cyber-enabled modernization, however legacy digital systems are still commonly used.
- The threat of cyber attack on digital and precision agricultural systems is real and growing with the reported incidence and presence of attack vectors increasing in recent years.
- There is a rapidly increasing need for academia, industry and stakeholders to collaborate on interdisciplinary research, education and workforce development.

## VISION

- Build a sustainable innovation ecosystem that cultivates research, education, workforce development, and community engagement centered on strengthening Ag Cybersecurity.
- Build a synergistic collaboration network among universities with deep engagement with industries and stakeholders.

## PURPOSE OF THIS WORKSHOP

- Foster collaboration among academic partners and stakeholders.
- Share knowledge and best practices in Ag Cybersecurity.
- Discuss research challenges & opportunities in Ag Cybersecurity.
- Discuss education and workforce challenges & opportunities in Ag Cybersecurity.
- Develop an effective collaboration model among universities, an action plan for research, education, and outreach.



## QUESTIONS OR COMMENTS, CONTACT:

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