

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

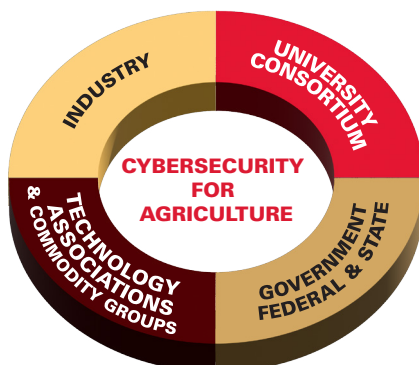
- Agriculture has undergone sweeping cyber-enabled modernization, however legacy digital systems are still commonly used.
- The threat of cyber attack on digital and precision agricultural systems is real and growing with the reported incidence and presence of attack vectors increasing in recent years.
- 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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