



# Digital Agriculture Community



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# What we're up to


## Past Accomplishments:

- One of the first gatherings that founded NAPPN was because of a MBDH Digital Agriculture “all hands” meeting in Ames
- Founded Plant Phenomics Phridays via MBDH funding, it's ongoing now with alternate NSF and USDA NIFA funding.
- Supported seed grants and projects as a primary mechanism for building communities

## Current Focus:

- Increasing impacts
  - Ethical, Legal, Social, Environmental, Economic Impacts
  - Minority serving institutions
  - Diversity, equity, and inclusion
- Emergent topics where data and ag intersect

# Increasing Impacts

- Some areas critical to creating real impacts end up involved but end up tacked on or secondary to how groups form and do their work
    - Ethical, legal, social, environmental, economic considerations
    - Minority serving institutions
    - Diversity, equity, and inclusion
  - Why? To better create teams to include this expertise and to put those aspects on even footing with STEM researchers for projects.
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# Increasing Impacts


- **Who:**



- **Goal:** Draft a call for proposals that better engages (1) diverse stakeholders, (2) minority-serving institutions, and researchers focused on (3) ethical, legal, social, environmental, economic, and related interests to ensure that the efforts have societal impact.
- **Process:** Engage experts in listening sessions to understand how better to formulate calls that bind societal impact to the efforts in digital agriculture.

# Increasing Impacts

- **Findings and next steps:**

- Bring together a group to discuss societal impacts with focus on the problems in agriculture that affect diverse people and that can be solved via digital approaches would be a good first step.
  - Moderate a full-day session (or longer).
  - Enable open participation and advertise broadly, but invite key individuals to deliver seminars and lead discussions to create the specific focus.
  - Open the seed grants up, based on what we get out of the convening.
  - Write seed grants RFPs such that these topics are ***foundational*** rather than tacked on.
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# Emergent topics where data and ag intersect

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CYBERSECURITY

## Meat supplier JBS paid ransomware hackers \$11 million

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NBC NEWS | Kevin Collier

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Signage outside the JBS Beef Production Facility in Greeley, Colorado, U.S., on Tuesday, June 1, 2021.  
*Michael Ciaglo | Bloomberg | Getty Images*

JBS, the largest beef supplier in the world, paid the ransomware hackers who [breached its computer networks](#) about \$11 million, the company said Wednesday.


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## New Ransomware Attacks on Agriculture Beg the Question: Is the Industry Secure?

OCT 01, 2021 Dan Nosowitz

The attacks won't likely cause massive problems, but they could be a warning sign.



A cornfield in Iowa. Photography by Larry Lindell, Shutterstock.

# Thank you!

Karen Bramow  
Carmen Bain  
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Connie Hargrave  
Tera Jordan  
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# Questions?



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