

**IANR**  
**September 2021**  
**All-Hands**

**Mike Boehm**  
NU Vice President  
IANR Harlan Vice Chancellor



**28 September 2021**

***IN OUR GRIT, OUR GLORY™***

*Welcome!*



# WHERE HAS IANR TAKEN YOU?

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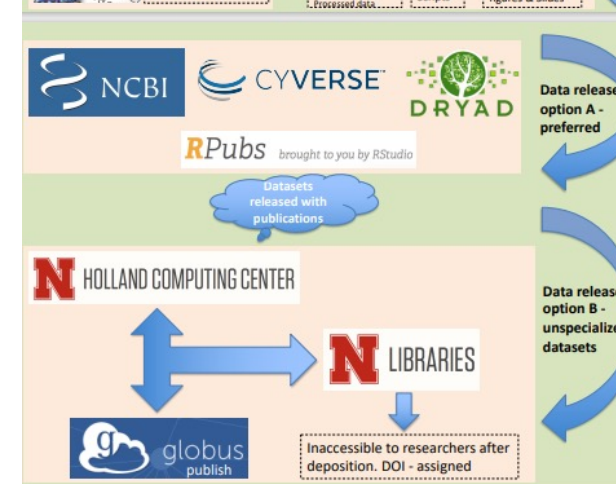


## Faculty story: Yufeng Ge





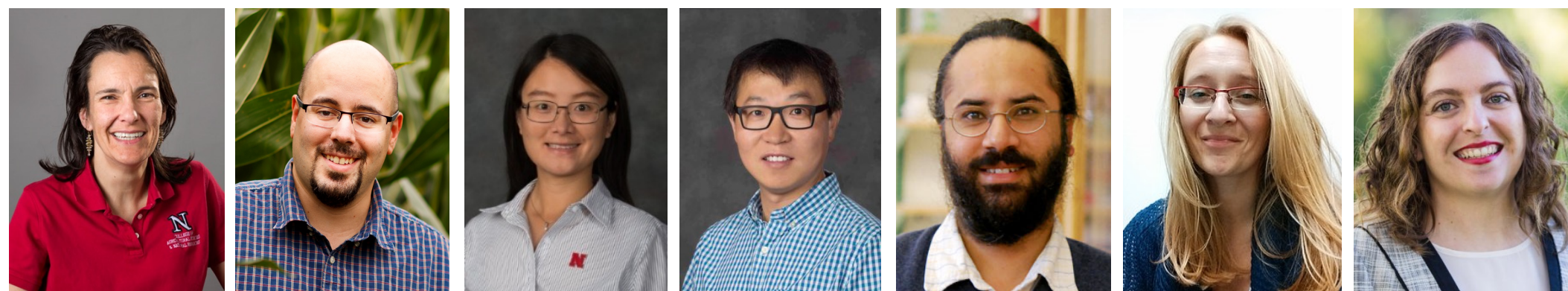
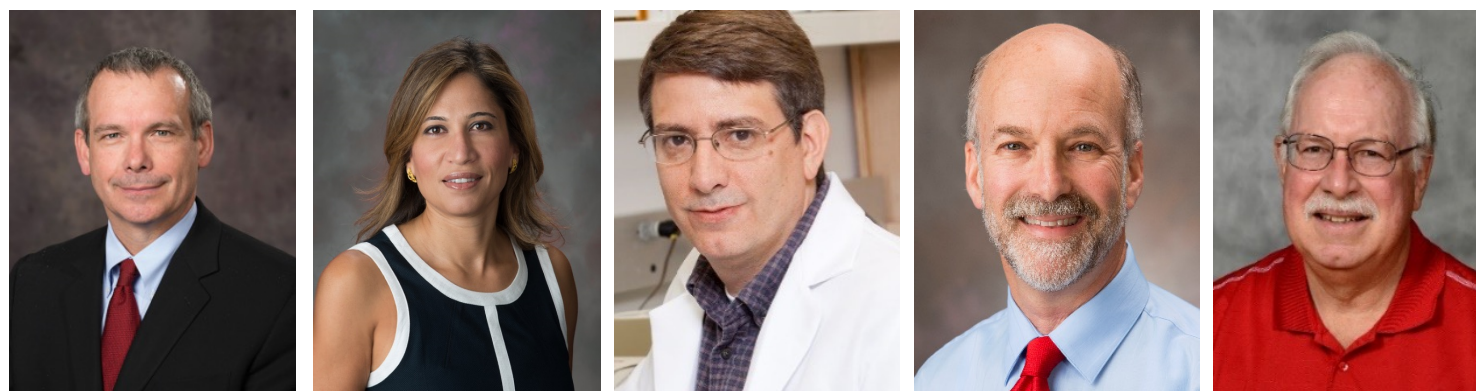
# High-intensity phenotyping sites: Transition to a national phenotyping network



Lead the nation in phenotyping research and education. Let phenotyping be affordable, standardized, and orchestrated. Make contributions to Sustainable Food and Water Security and Climate Resilience.



# Community of Scholars in Plant Phenotyping



- **Approachable**
- **Collegial**
- **Innovative**
- **Hard-working**
- **Exceptional work ethics**



# People



# Promotion and Tenure Since January All Hands Meeting



Taro Mieno



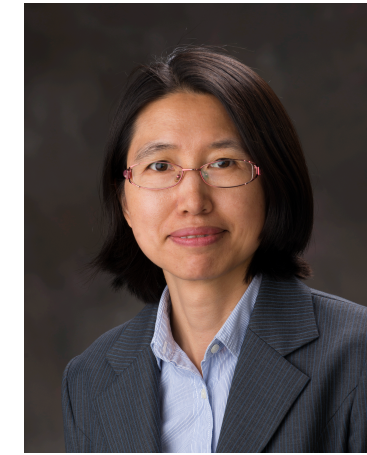
Cody Creech



Mitchell Stephenson



Travis Mulliniks



Limei Zhang



Troy Gilmore



Daran Rudnick



Bing Wang



Virginia Chaidez



Jesse Korus



Jeong-Kyun (Evan) Choi



Gilbert Parra



David Holding



Daren Redfearn



Harkamal Walia



Samodha Fernando



Karin van Dijk



Maria de Guzman

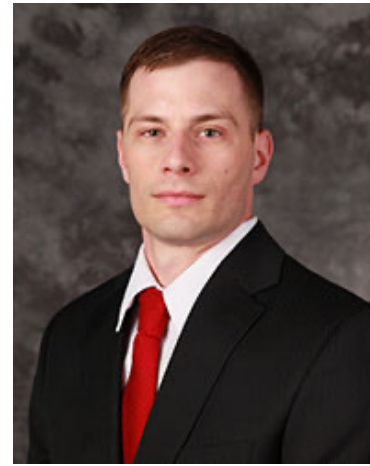




# Promotion and Tenure Since January All Hands Meeting



Joe Louis



Joseph Baumert



Devin Rose



Lisa Franzen-Castle



Richard Wilson



Cory Forbes



Martha Shulski



Bruce Brodersen



Rodrigo Franco Cruz



Seth Harris



Vikas Belamkar



Juan Diego Hernandez-Jarquin



Andrea Watson



Changmou Xu



Sibel Irmak



Jayne Stratton



Julie Crandall Boyle



Emily Gratopp



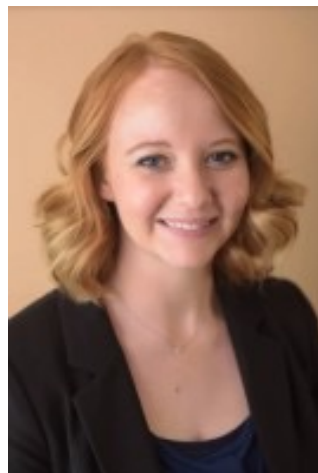
# Promotion and Tenure Since January All Hands Meeting



Jody Green



Susan Harris



Jacie Milius



Sarah Paisley



John Porter



Linda Reddish



Sarah Sivits



Vanessa Wielenga



Kayla Colgrove



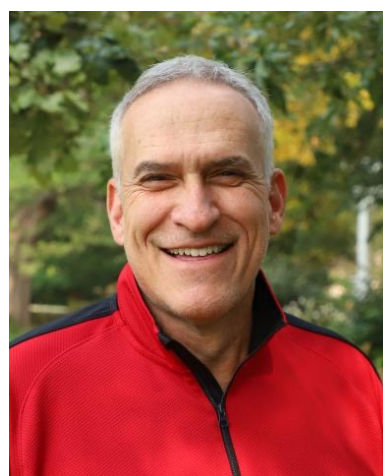
Lynn DeVries



Maria Walker



Heather Hallen-Adams



David Lambe



Anne Streich



Lisa Pennisi



Crystal Stiles



Adam Smith



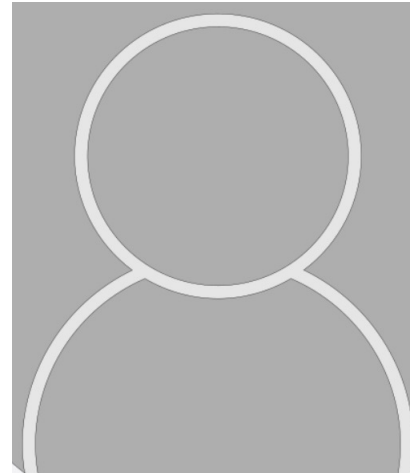
# Retirements Since January All Hands Meeting



Gerard Adams



Stephen Baenziger



Terri Butler



Chris Calkins



Dan Cotton



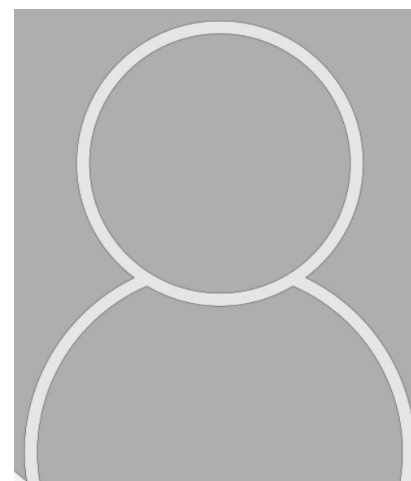
Susan Fritz



Janet Hygnstrom



Mary Kennedy



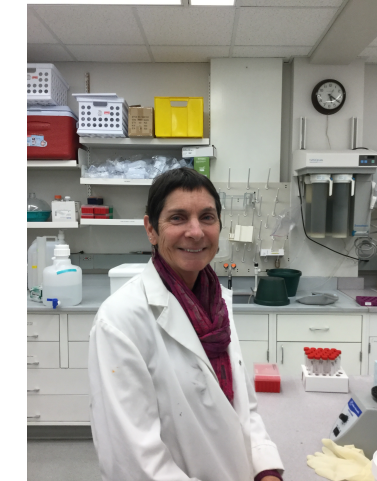
Bryan Kniep



Michael Kocher



Richard Koelsch



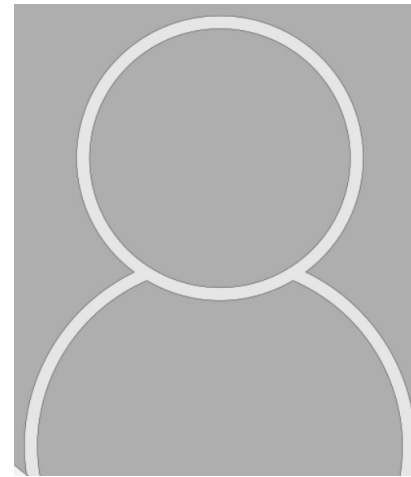
Ellen Marsh



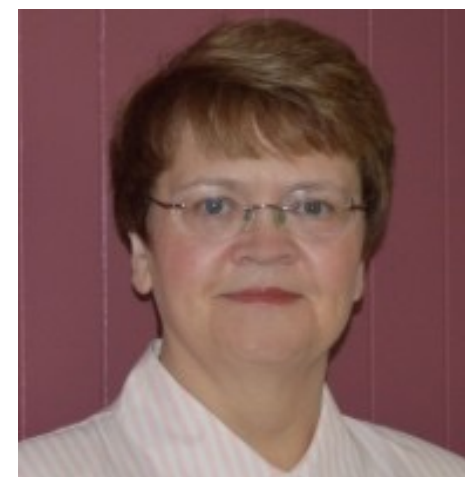
Mitchell Montgomery



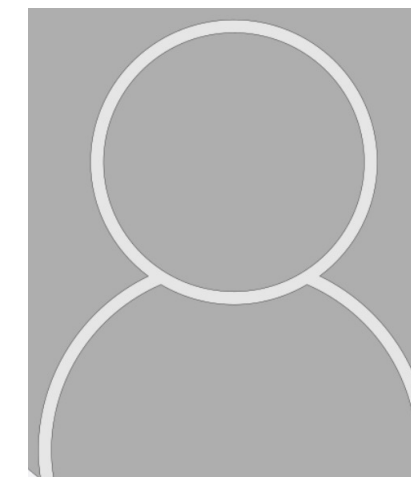
Sarah Purcell



Steve Rasmussen



Carol Schwarz



Hallie Sherry



Barry Shull



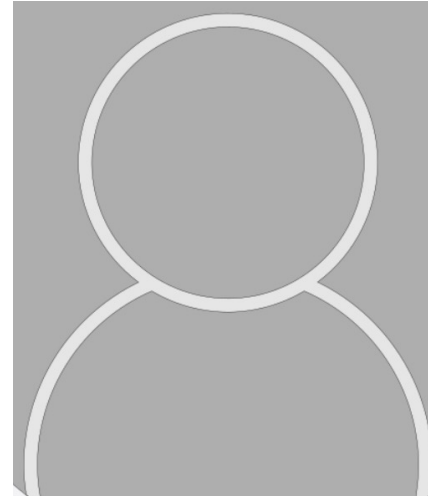
# Retirements Since January All Hands Meeting



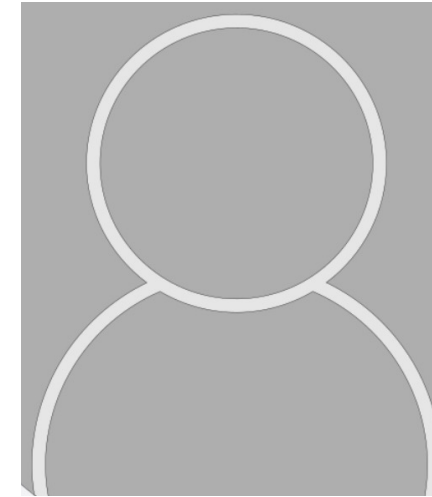
Steve Sibray



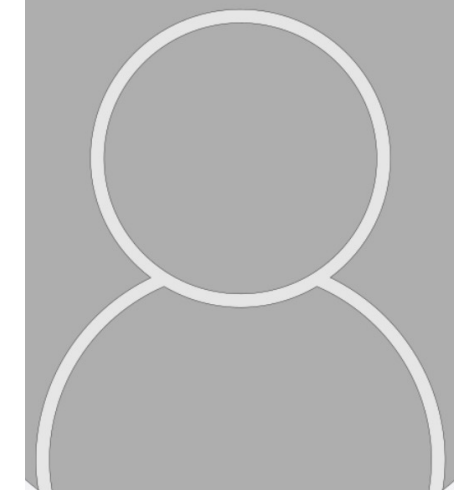
Sandra Sterling



Keith Steward



Richard Struss



Pamela Sutton



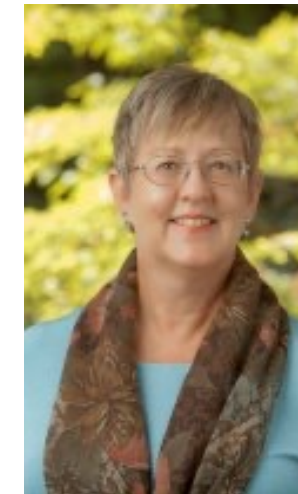
Robert Tigner



Bruce Treffer



Ricky Sue Barnes Wach

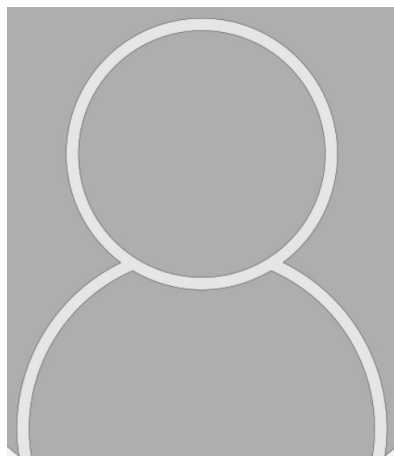


Cheri Waldren

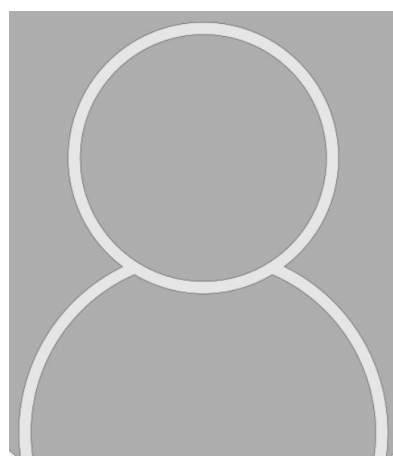


Charles Wortmann

# Welcome new faculty and leaders Since January All Hands Meeting



Mohamed Aboushanab



Beth Arens



Guillermo Balboa



Ryan Benjamin



Gavin Cotterill



Brian Cox



Lindsey Crawford



Ibrahim El Basyoni



Katherine Frels



Tonya Haigh



Andrew Hamann



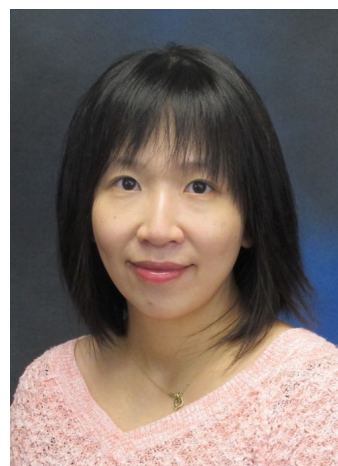
Leslie Johnson



Mohamed Khalil



Amanda Kowalewski



Weizhen Liang



Pablo Loza



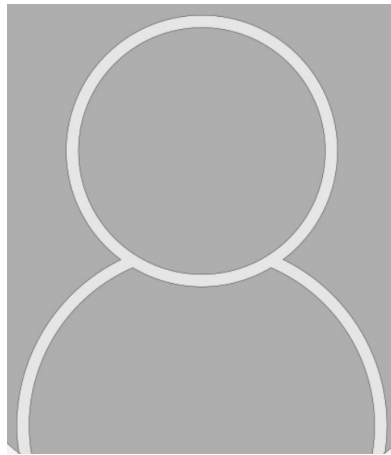
Arindam Malakar



Gwendwr Meredith



# Welcome new faculty and leaders Since January All Hands Meeting



Yu Pan



Jason Pawlenty



Luan Pereira de Oliveira



Hanna Pinneo



Amy Schweitzer



Kelly Smith



Jennifer Weisbrod



Jeffrey Westrop



Tayler Wickham



Maria de Guzman



Jesse Bell



Daran Rudnick



Daren Redfearn



Greg Ibach



Daniel Trotter



Kathleen Lodi



Craig Allen



Holly Hatton-Bowers



John Westra



# Faculty Recognition Since January All Hands Meeting

**Santosh Pitla**

*Biological Systems  
Engineering*

**John Deere Award**

North American Colleges and  
Teachers of Agriculture

**James Schnable**

*Agronomy and  
Horticulture*

**Outstanding Paper Award**

The Plant Phenome  
Journal

**Matthew Stockton,**

**Daran Rudnick,**

**Chuck Burr, Robert Tigner**

**Distinguished Extension/Outreach  
Program Award**

Agriculture and Applied Economics  
Association

**Gary Sullivan**

*Animal Science*

**Distinguished**

**Achievement Award**

American Meat Science  
Association

**Susan Weller**

*Entomology*

**Fellow**

Entomological  
Society of America

**Yan Xia**

*Child, Youth and Family  
Studies*

**International Section –**

**Jan Trost Award**

National Council on  
Family Relations





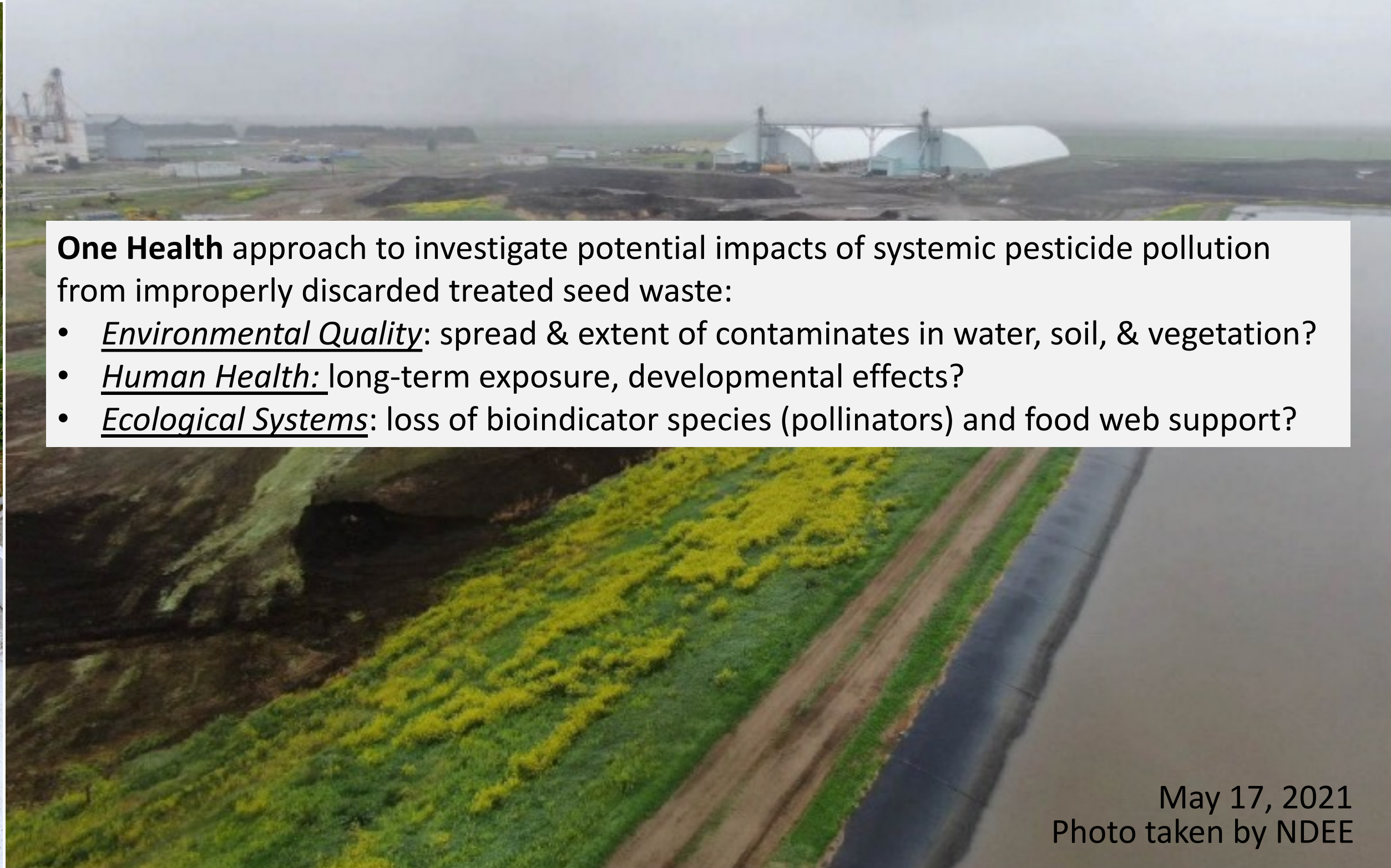
## Faculty story: Judy Wu-Smart





**Why are the bees dying in Mead, NE?**  
**How are they becoming exposed?**  
**What does this say about the area?**

- AltEn** used surplus/outdated pesticide-treated crop seeds in ethanol production
- Producing large amounts of solid and liquid waste with high pesticide loads
  - Estimated to have processed ~780,000,000 - 1,170,000,000 lbs? since in 2015
  - ~ 33,400 tons (or 66,800,000 lbs) were distributed to local farms in 2018-2019






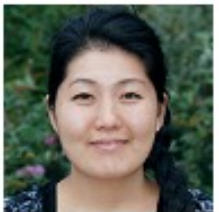











**One Health** approach to investigate potential impacts of systemic pesticide pollution from improperly discarded treated seed waste:

- Environmental Quality: spread & extent of contaminants in water, soil, & vegetation?
- Human Health: long-term exposure, developmental effects?
- Ecological Systems: loss of bioindicator species (pollinators) and food web support?

May 17, 2021  
Photo taken by NDEE

# Mead, NE Investigation Team

 <b>Eleanor Rogan, PhD</b> UNMC College of Public Health	 <b>Ali S. Khan, MD, MPH, MBA</b> UNMC College of Public Health	 <b>Brandon Grimm, PhD, MPH</b> UNMC College of Public Health	 <b>Terra Uhing, MS</b> Three Rivers Public Health Department
 <b>Chandran Achutan, PhD</b> UNMC College of Public Health	 <b>Judy Wu-Smart, PhD</b> UNL Department of Entomology	 <b>Elizabeth VanWormer, DVM, PhD</b> UNL School of Veterinary Medicine, School of Natural Resources	 <b>Shannon Bartelt-Hunt, PhD</b> UNL College of Engineering
 <b>Daniel Snow, PhD</b> UNL School of Natural Resources	 <b>Jesse Bell, PhD</b> UNMC College of Public Health	 <b>John Schalles, PhD</b> Creighton University Biology Department	 <b>Hank Newburn, MD</b> Saunders Medical Center
 <b>Pierce Greenberg, PhD</b> Creighton University Department of Cultural and Social Studies	 <b>Tom Weissling</b> (UNL Department of Entomology)	 <b>Larkin Powell</b> (UNL School of Natural Resources)	

University of Nebraska Medical Center Search UNMC

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## AltEn Environmental Pollution



For more information regarding research efforts and updates:

MEAD research team website

<https://www.unmc.edu/publichealth/departments/environmental/mead/>

Donate to research efforts here:

<https://fundraise.nufoundation.org/campaign/mead-ne-health-and-environmental-campaign/c333090>

Reach out directly: [jwu-smart@unl.edu](mailto:jwu-smart@unl.edu)



@JudyWuSmart1



hapbeelady



# Updates





## ***OUR FALL 2021 ON-CAMPUS EXPERIENCE***

We continue to lead the Big Ten in our commitment to an in-person academic and extracurricular experience for Fall 2021.

[Fall 2021 on Campus](#)[Voluntary Vaccine Registry](#)[On-Campus Vaccinations](#)

# All Hands Meeting September 2021




**N** NEBRASKA TODAY

Agriculture & Environment Arts Business & Law On Campus Science & Technology Society & Culture

April 26, 2021 · 1 min read

## Governor signs state budget package, including university funding



# Budget outlook

## UNICAMERAL UPDATE

The Nebraska Legislature's official news source since 1977

ABOUT COMMITTEES FEATURES PRINT ARCHIVE SUBSCRIPTIONS SESSION REVIEW 2021

Revenue Forecasting Board

### Economic forecasting board raises revenue projections

April 29, 2021

In its final meeting before the Legislature considers possible adjustments to several bills that would cut tax revenue, the Nebraska Economic Forecasting Advisory Board voted April 29 to raise revenue projections in the short term.

The board provides an advisory forecast of general fund receipts.

Revenue projections for the current fiscal year were raised by \$90 million to \$5.6 billion. The adjustment was based on anticipated increases of \$65 million in corporate income tax receipts and \$25 million in individual income tax receipts.

Total projected revenue receipts for FY2021-22 were lowered by \$5 million. The FY2022-23 projections remain unchanged.

The next meeting of the board is set for Oct. 29.

## Budget next steps:

- Pres. Carter to meet with Legislative Appropriations Committee on Oct. 5 to discuss next round of COVID-19 relief funds.
- This is the chance to put some big ideas on the table about things only the University of Nebraska can do.
- Agriculture will play a large role in this.





	<a href="#">Home</a>	<a href="#">Theme descriptions</a>	<a href="#">Steering committee</a>	<a href="#">Grand Challenges RFP</a>
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DEPARTMENT COVID-19 UPDATES: **COVID-19 RESEARCH PLANNING**



Anti-racism and racial equity



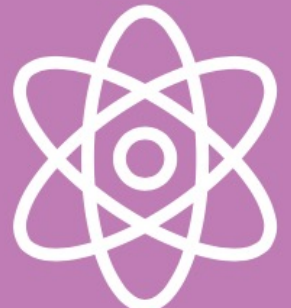
Climate resilience



Early childhood education and development



Health equity



Quantum science and engineering



Science and technology literacy for society



Sustainable food and water security



NSRI  
NATIONAL STRATEGIC RESEARCH INSTITUTE  
at the University of Nebraska

NSRI LAND  
COLLABORATIVE SECURITY LABORATORY

NSRI  
NATIONAL STRATEGIC RESEARCH INSTITUTE  
at the University of Nebraska

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EXIT

FIRE





# Faculty video story: Ana Maria Velez Arango





All Hands Meeting, September 2021



# Agricultural Research Division



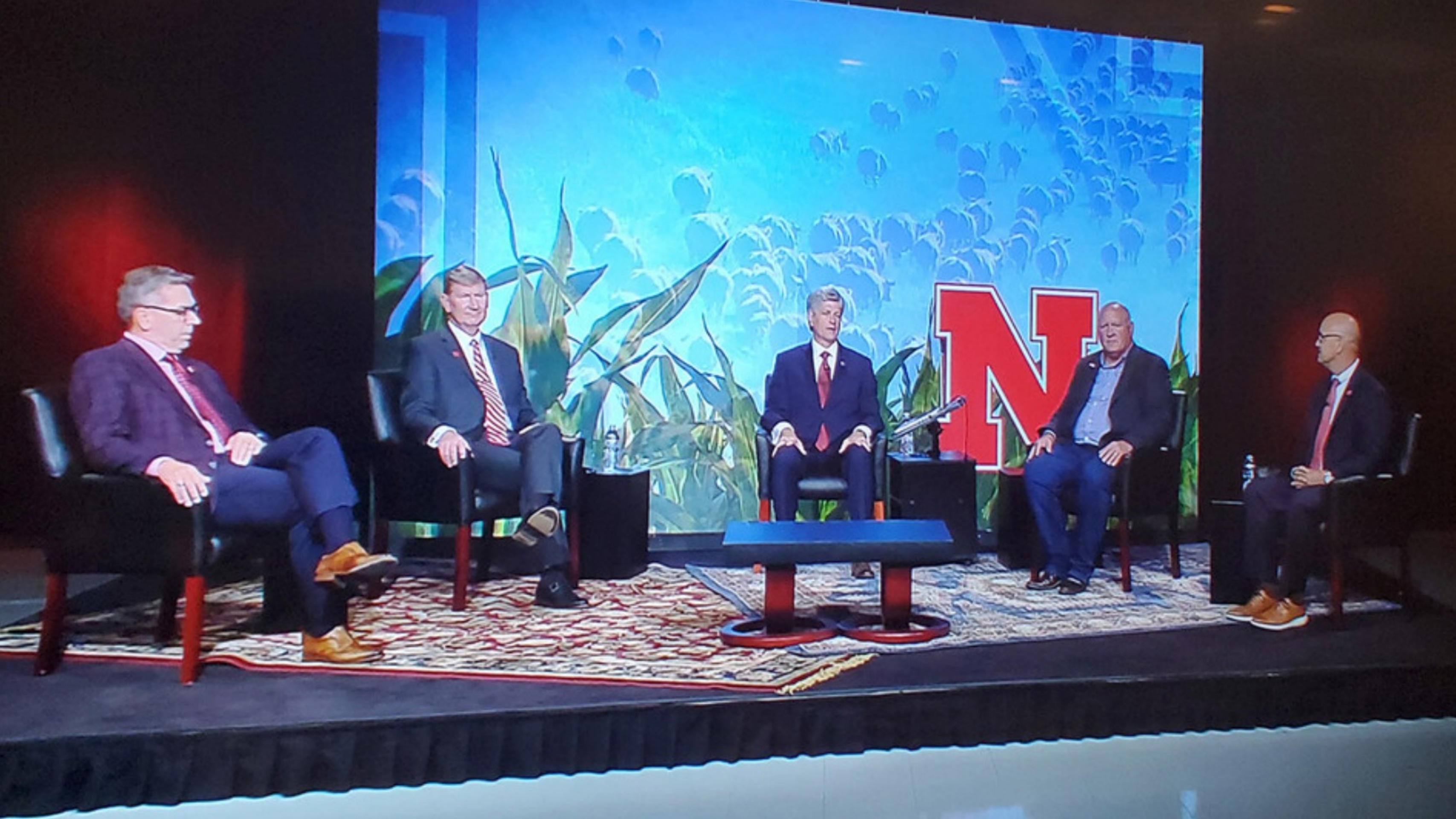
## Midlands Voices: Event today to highlight UNL ag innovation and federal support for research

Mike Boehm Aug 20, 2021  0

**N**ebraska and agriculture are inextricably linked, something most Nebraskans know well and for many is a source of great pride.

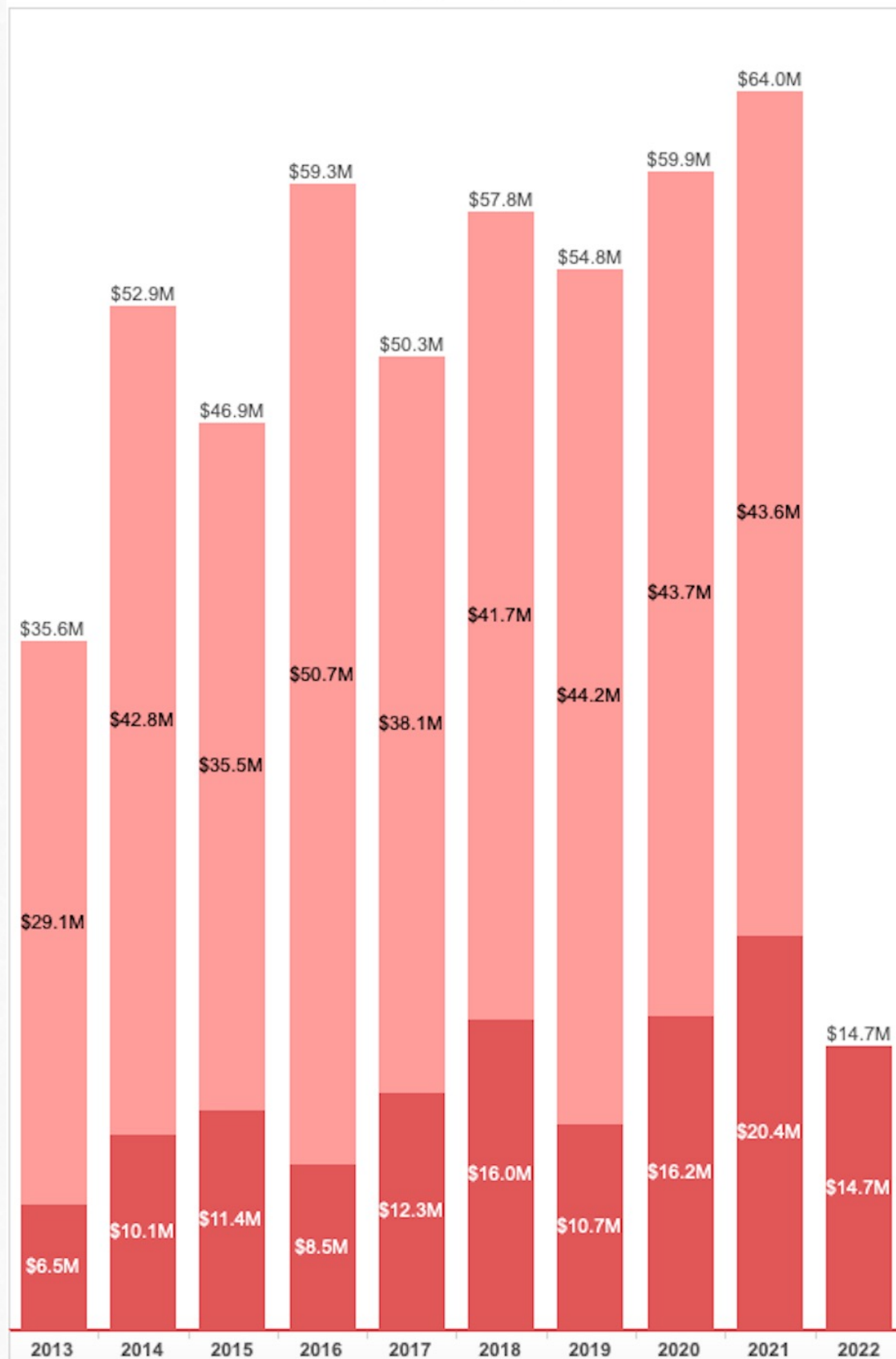
Nebraska has the third-largest agricultural economy in the United States, and one in four jobs here is, in some way, tied to agriculture. While Nebraska, like many traditionally rural states, has seen its population shift toward urban areas over recent decades, many Nebraska city-dwellers still have personal ties to our agricultural heritage and the global food system.

But while Nebraskans are aware of our state's agricultural tradition, fewer know of our state's growing role in shaping agriculture's future and addressing wickedly complex global concerns related to water and food insecurity





Research Awards



All Hands Meeting September 2021

## 2021 ARD research

- IANR researchers awarded \$64M in FY2021
- highest total in IANR history
- 470 externally-sponsored awards in 2021
- Externally funded research dollars have increased by an average of 4.8% per year since 2012



# Faculty video story: James Schnable







All Hands Meeting, September 2021



# College of Agricultural Sciences and Natural Resources



## **CASNR enrollment update**

### **Increase in new students (first-time freshman and transfer students)**

- 593 new students for Fall 2021; increase of 3.5% from Fall 2020
- First-time freshmen up 8.7% from Fall 2020 (+35 students)

### **93% of eligible CASNR undergraduate students from the Spring 2021 semester enrolled for the Fall 2021 term**

### **Largest graduating undergraduate class in the history of the College**

- Increase of 10.6% from 2019-2020 (+65 students) (excludes Summer 2021 graduates)
- 2019-2020 second largest graduating class
- Increase of 23% over last 5 years (excludes Summer 2021 graduates)



## CASNR enrollment update (continued)

### Graduation rate:

Highest 4-year graduation rate in the history of the College

- Increase of 2.5% from 2019-2020

### Overall Enrollment:

- Overall undergraduate enrollment is down. Major factor impacting enrollment was student success – successfully graduated that largest number of graduates in college history and leading the University in 4-year graduation rate
- Graduate enrollment held steady with a 0.4% increase (+3 students) compared to Fall 2020
- Professional enrollment increased by 4.1% (2 students) compared to Fall 2020





## Faculty story: Jenny Keshwani



# CHS Fellows Program for Ag Educators

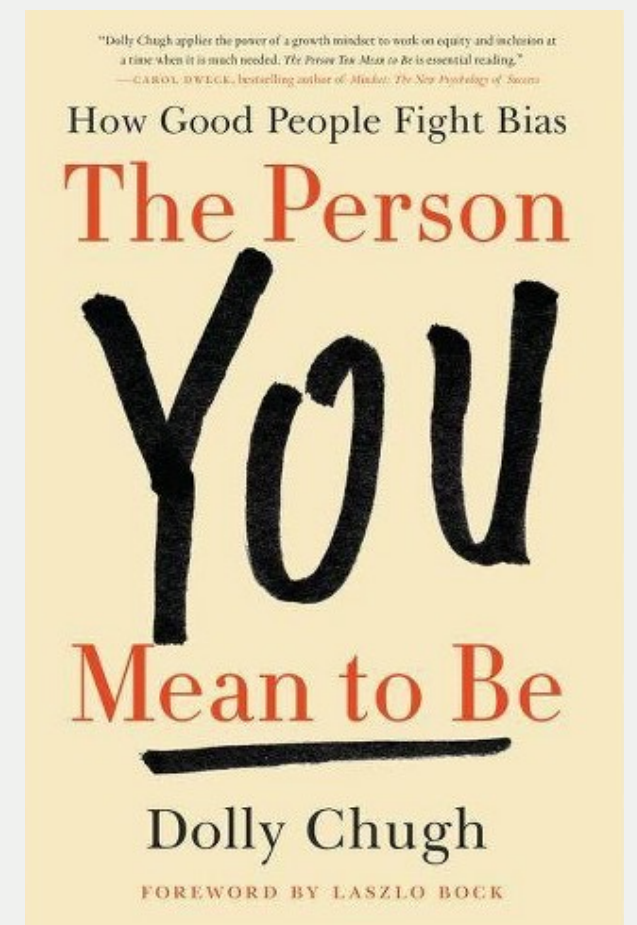
★ *Supporting local champions to  
engage diverse students*

# Summer 2021 Book Club

**38** Faculty

**21** Staff

**13** Students



CULTIVATE ACCESS

All Hands Meeting, September 2021



# College of Education and Human Sciences



# College of Education and Human Sciences



## Thriving Young Children



The **Nebraska-Brazil Early Childhood Partnership** is addressing critical early childhood challenges, including early learning, mindfulness and compassion in caregiving, substance abuse among teens, and engaging vulnerable communities in family and child development.



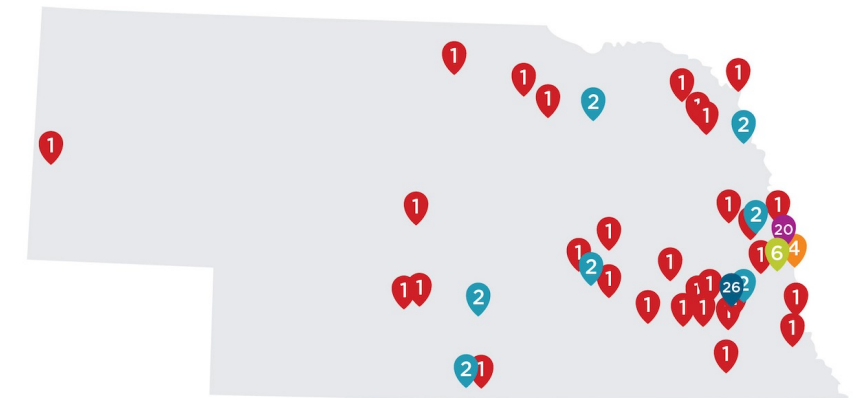
## Comprehensive Health & Well-Being



Through the **Community Based Participatory Research Program**, the Umonhon Nation Public School in Macy is creating a K-12 food sustainability program to support accessibility and distribution of traditional healthy edible and medicinal plants to the Omaha Tribe.



## Strong Communities



The **Teacher Scholars Academy** is growing the next generation of diverse educators that will lead the way for educational change! Of the 120 scholars currently in the program, 101 are from Nebraska coming from 42 different communities across the state.





# Faculty video story: Holly Hatton-Bowers









# Nebraska Extension





All Hands Meeting, September 2021

# Finalists named in search for next dean and director of Nebraska Extension



## Candidates and opportunities for engagement:

[Charles Stoltenow](#), assistant director, North Dakota State University  
Extension Service

Sept. 30, 10:30 a.m. to noon, public presentation, Nebraska East Union

Oct. 1, 5:30 to 7:30 p.m., meet and greet, Raising Nebraska

[David Varner](#), interim dean and director, Nebraska Extension

Oct. 5, 10:30 a.m. to noon, public presentation, Nebraska East Union

Oct. 6, 5:30 to 7:30 p.m., meet and greet, Raising Nebraska

**Brad Gaolach**, director, Washington State University Metropolitan Center  
for Applied Research and Extension

Oct. 7, 10:30 a.m. to noon, public presentation, Nebraska East Union

Oct. 8, 5:30 to 7:30 p.m., meet and greet, Raising Nebraska





# Faculty story: Ted Hibbeler





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## On the Horizon:

- Oct. 2, 9, 30, Nov. 6: [IANR tailgates](#)
- Oct. 5: **Chancellor's Leadership Meeting** (directors, unit leaders, deans, etc)
- Oct. 18: **ARD annual meeting**
- Oct. 19-20: **Inaugural Nebraska Integrated Beef Systems Hub workshop**
- Oct. 25: [Heuermann Lecture](#), topic: **beef sustainability**
- Nov. 19: **Soil Health Summit**





# A Celebration of Innovation

50 years of IANR and 150 years of CASNR  
2022-2023



## Core Team:

Jessie Brophy, Co-chair  
Meg Kester, Co-chair  
Cara Pesek, Communications

## Advisory Group:

Josh Egley – NU Foundation  
Lisa Karr – IANR Diversity, Equity and Inclusion Council  
Grace Danao – IANR Faculty Liaison  
Tracy Zimmerman – IANR Staff Council Representative  
Jordan Gonzales – Nebraska Alumni Association  
Bethany Hamm – CASNR Student Advisory Board  
Victor Mpore - Graduate Student  
Joe & Matt Brugger – CASNR Alumni  
Ann Bruntz – External Partner  
Hilary Maricle – Nebraska Extension



# Student video story: Clare Umutoni





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# Drop your pins!

