



# **IANR All Hands – September 28, 2017**

**Mike Boehm**

**Institute of Agriculture and Natural Resources**



# OVERVIEW

- Teaching & Learning
- Research & Discovery
- Outreach & Engagement
- Global Engagement
- Budget
- Growing Nebraska





# IMPACT

**Students**

**Faculty**

**Staff**

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**District Centers**

**Centers**

**Research Sites**

**Program Units**

**NU Wide Institutes**

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**Academic Units**

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**IANR Senior Leadership Team**



# PROMOTED and/or TENURED

*Congrats!*

**Jennifer Clarke**, Food Science and Technology  
**Paul Hanson**, School of Natural Resources  
**Tamra Jackson-Ziems**, Plant Pathology  
**James MacDonald**, Animal Science  
**Andy Suyker**, School of Natural Resources  
**Keenan Amundsen**, Agronomy and Horticulture  
**Samodha Fernando**, Animal Science  
**Oleh Khalimonchuk**, Biochemistry  
**Joe Luck**, Biological Systems Engineering  
**Jonathan Markham**, Biochemistry  
**Regis Moreau**, Nutrition and Health Sciences  
**Jeff Ondrak**, School of Vet Med & Biomedical Sciences  
**Shi-Hua Xiang**, School of Vet Med & Biomedical Sciences

**Mary Rittenhouse**, NE College of Technical Agriculture  
**Douglas Smith**, NE College of Technical Agriculture  
**Matt Kreifels**, Ag Leadership, Education & Communication  
**Javier Seravalli**, Biochemistry  
**Bradley Lubben**, Agricultural Economics  
**F. John Hay**, Biological Systems Engineering  
**Linda Dannehl**, West Central Research and Extension Center  
**Cynthia Gill**, Panhandle Research and Extension Center  
**Nicole Stoner**, Southeast District  
**Tammy Stuhr**, Southeast District  
**Rache Allison**, Nebraska Forest Service  
**Richard Woollen**, Nebraska Forest Service  
**Brian Fuchs**, School of Natural Resources



# NEW FACULTY

*Starting at UNL since the January All Hands meeting*



Yongjun Wang



Linda Reddish



Jeffrey Stokes



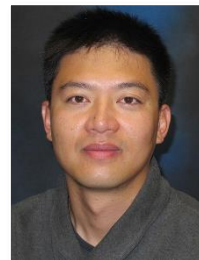
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Judith Turk



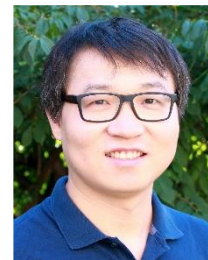
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Jinliang Yang



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Eric North



Therese Laux



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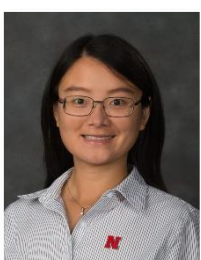
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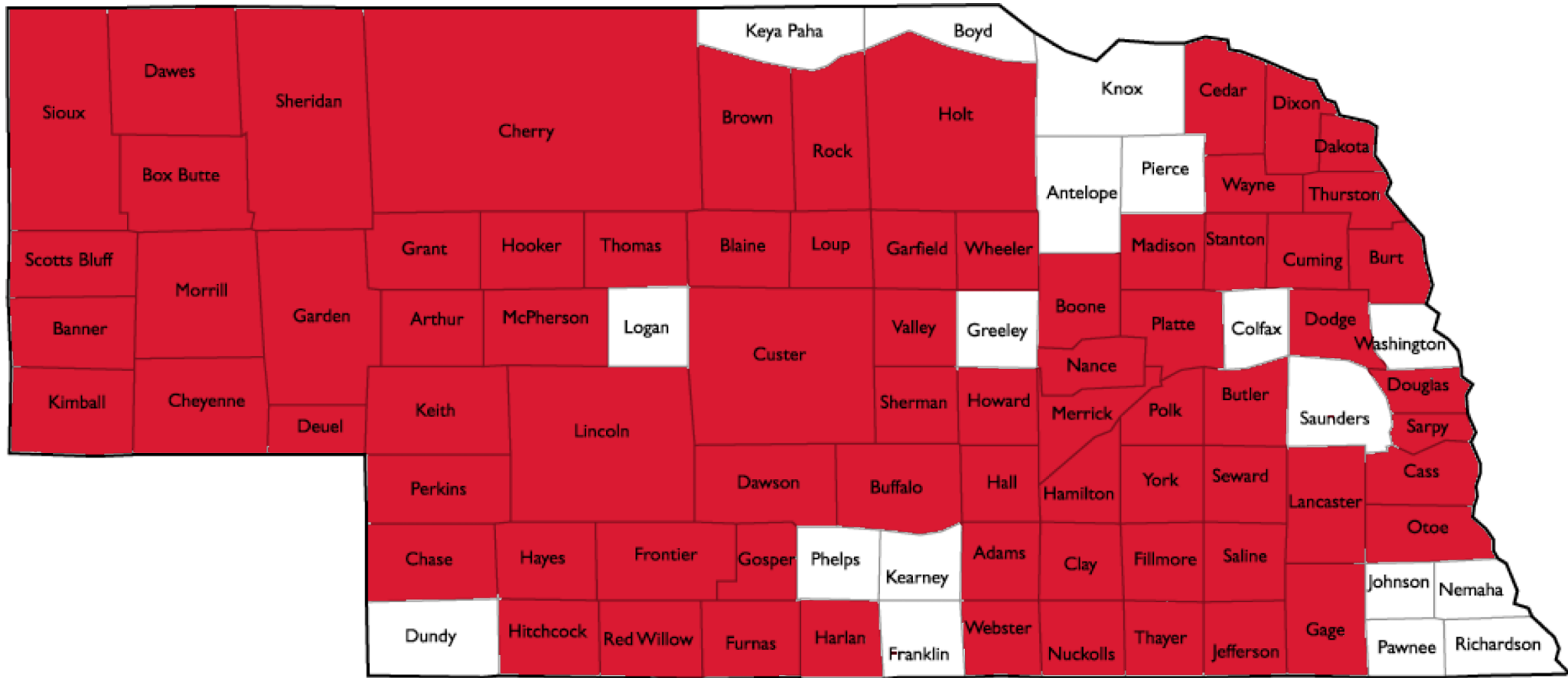


Rebecca Wachs



Austin Duerfeldt

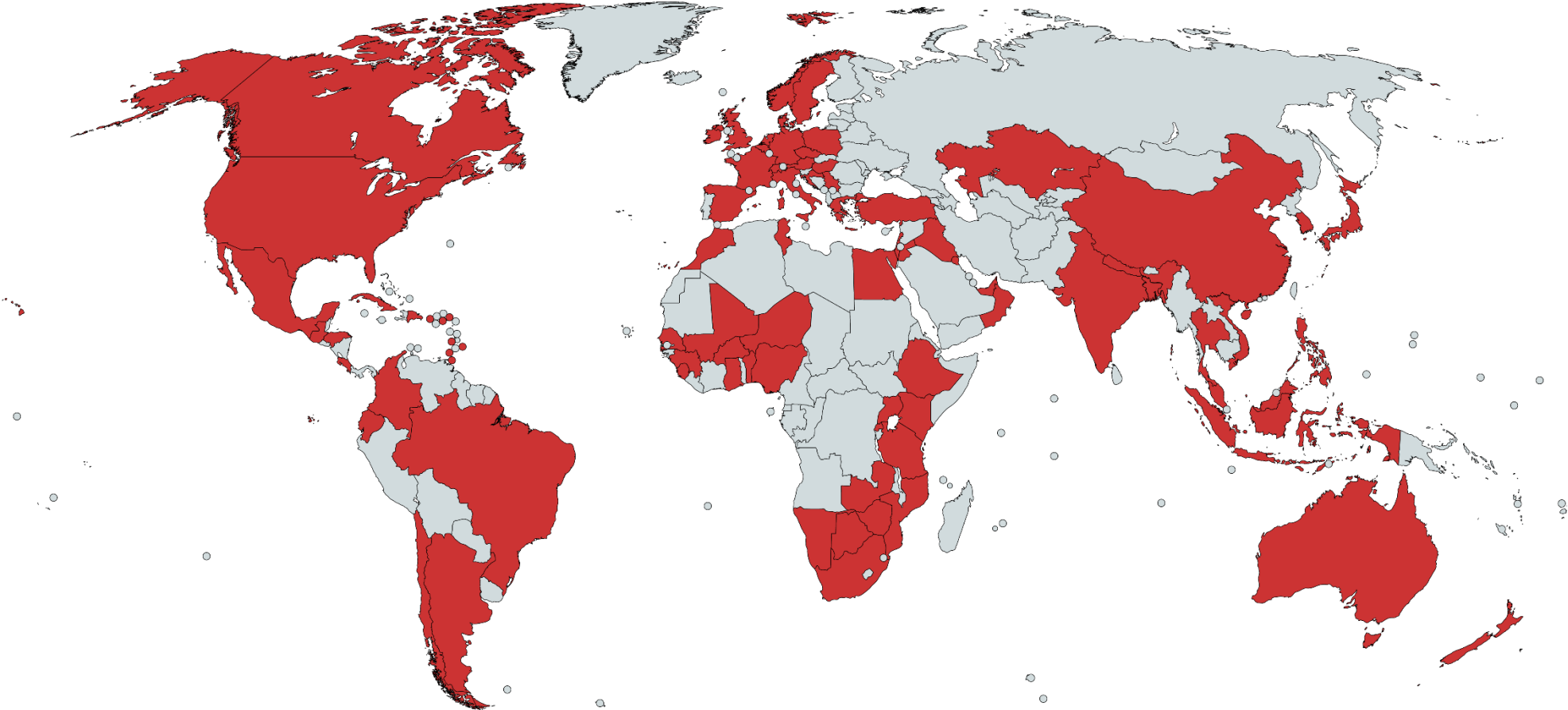
**IANR on the  
Road  
&  
Around the  
Globe**



**75 counties as of August 28, 2017**



# IANR GLOBAL INVOLVEMENT





# Teaching & Learning





# HOLISTIC STUDENT DEVELOPMENT

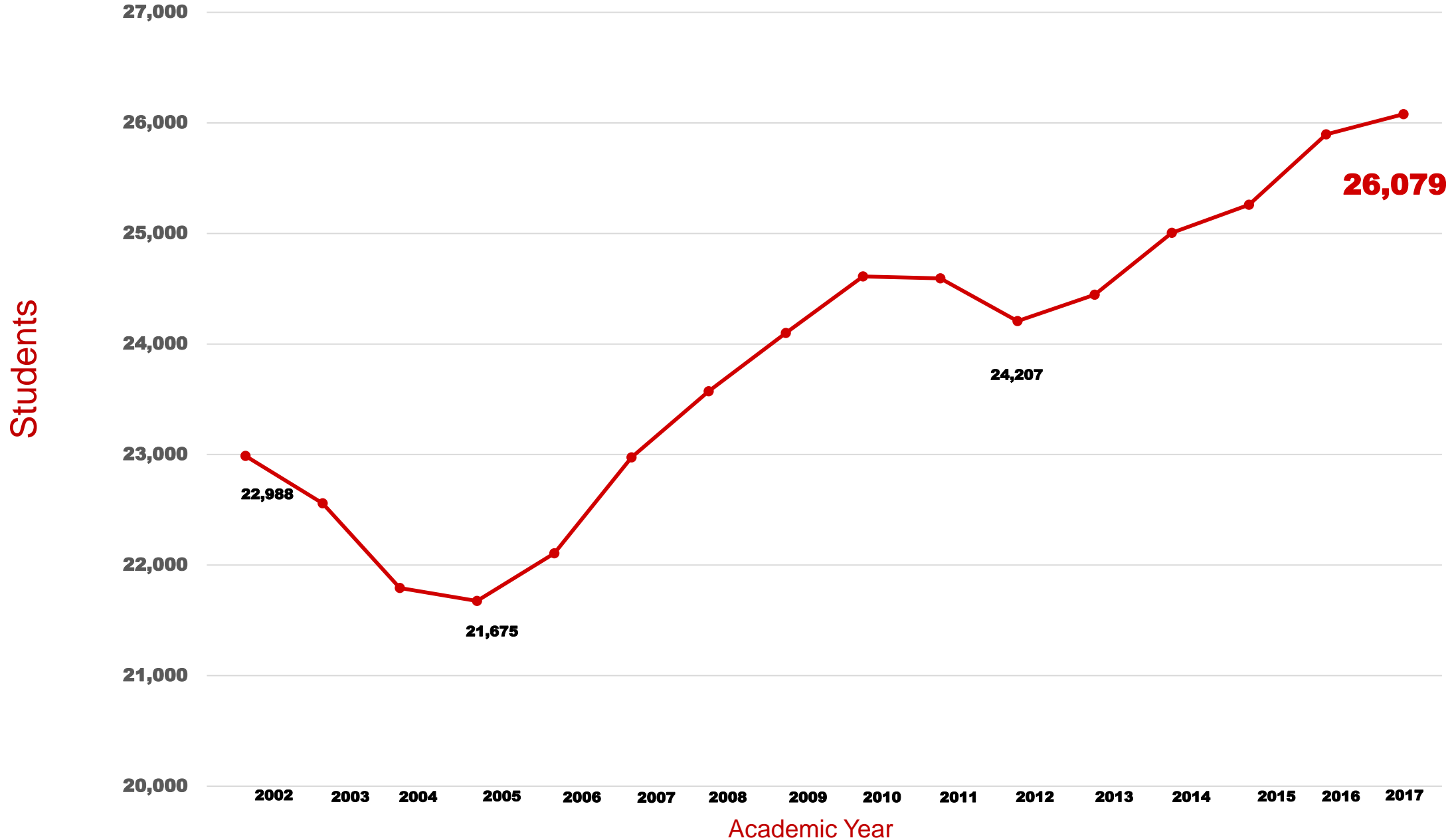




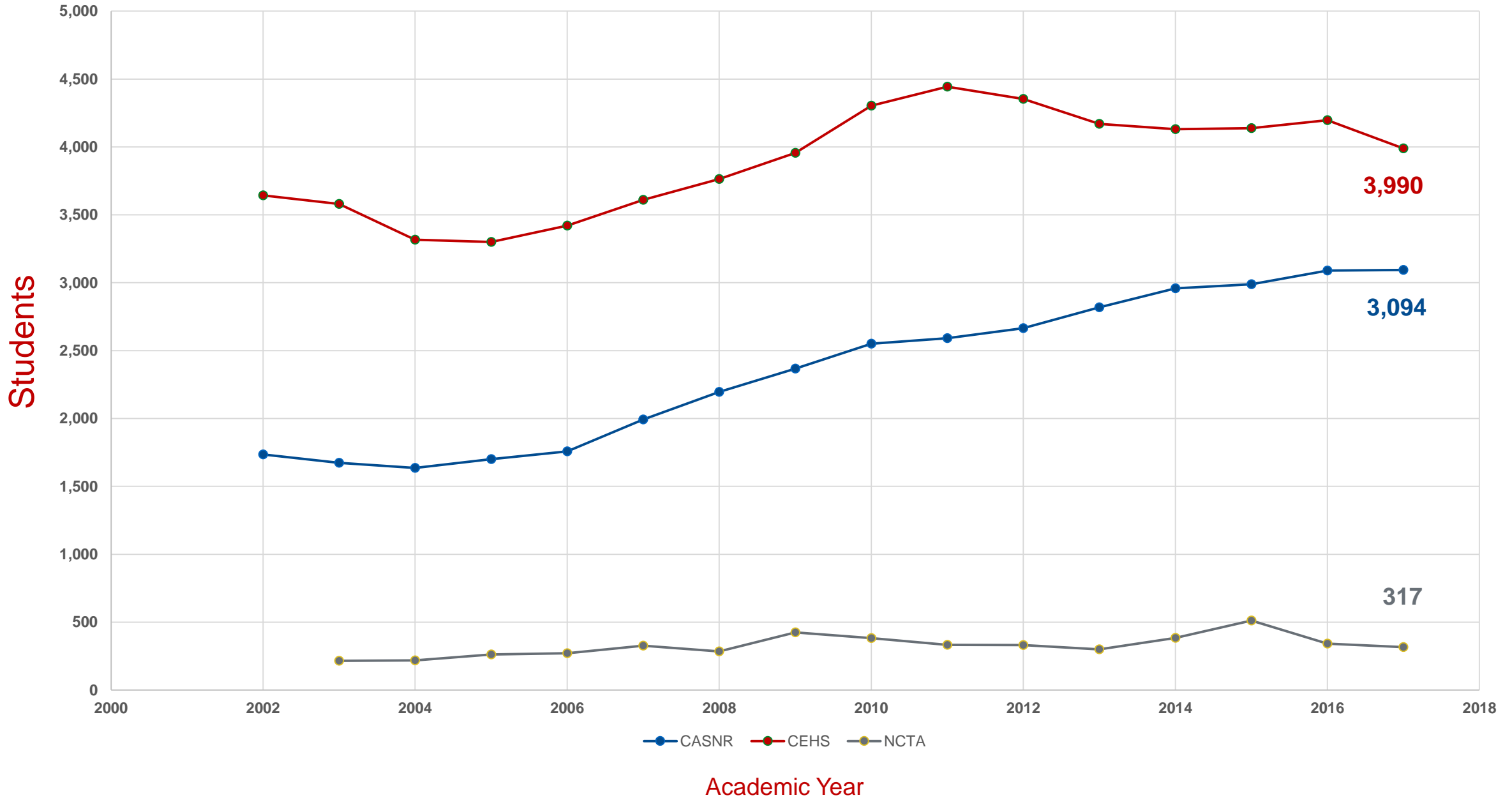
**29,000**

**32,500**

## *Enrollment Numbers for the Past 15 years - UNL*



# *Enrollment Numbers for the Past 15 Years – CASNR, CEHS, NCTA*





<b>Student Success (Retention)</b>	<b>Student Matriculation Success (Graduation Rate)</b>	<b>Career Pathways (Post Graduation Employment)</b>
<b>Global Experience</b>	<b>Graduate Education Pathways</b>	<b>Holistic Student Development</b>

**#ThisIsCASNR**









**Massengale  
Residential  
Center  
*Grand Opening***

**October 11, 2017  
3:00 - 4:30 pm**



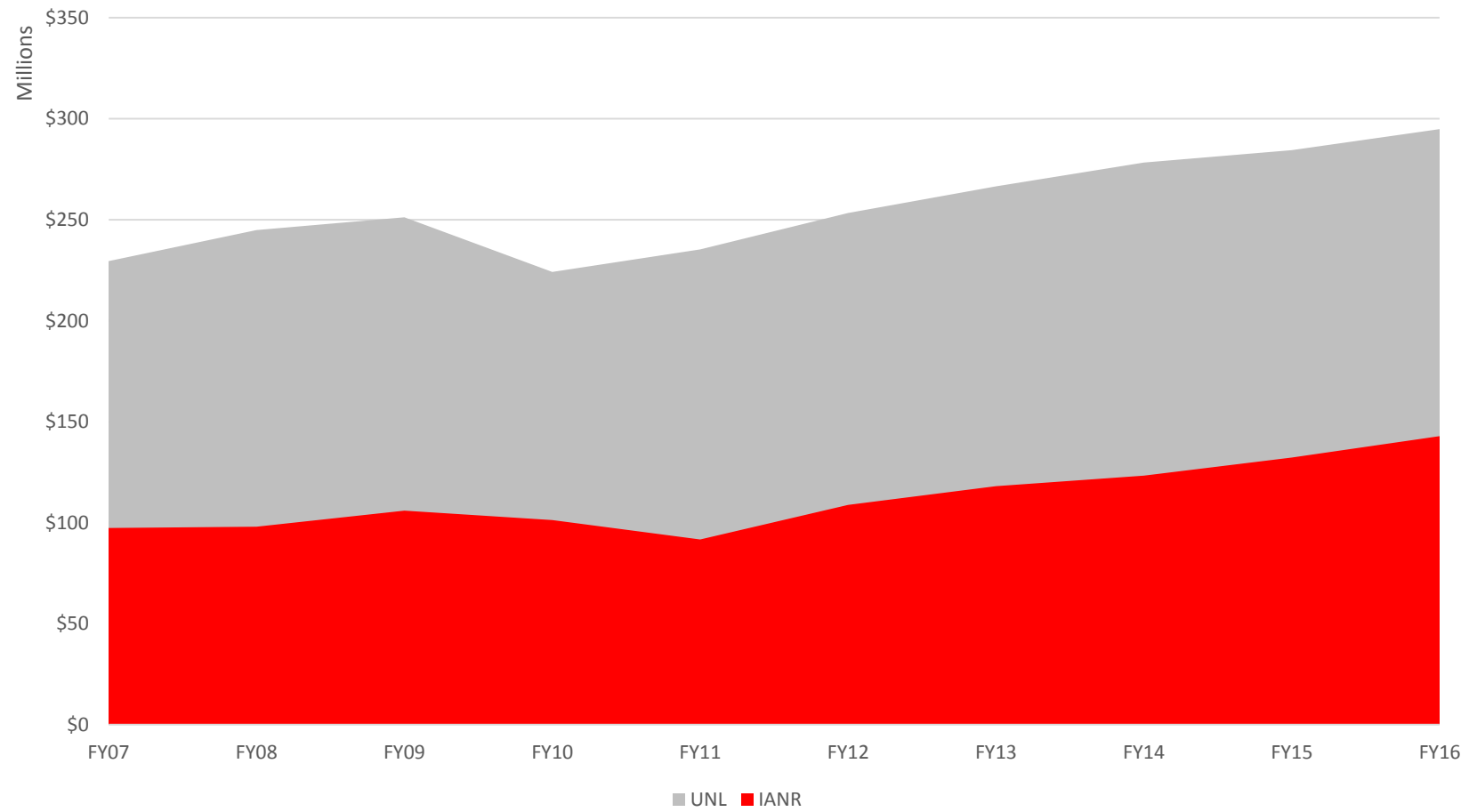


# Research & Discovery



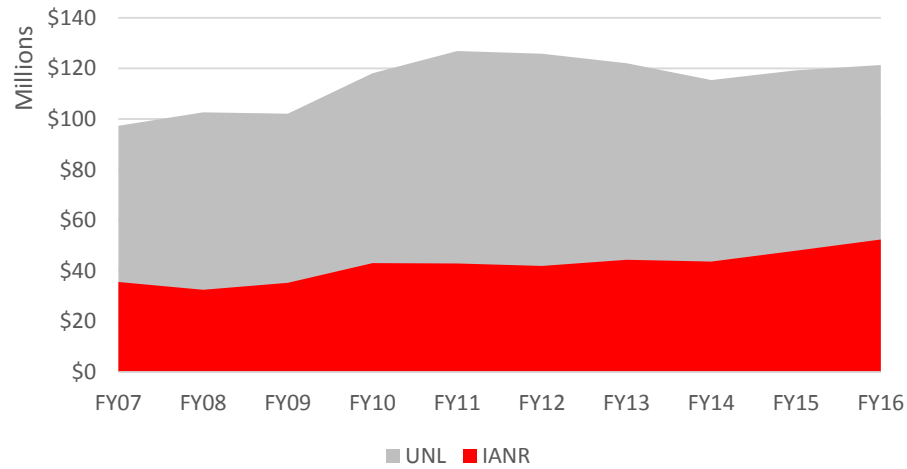


## Total Research Expenditures

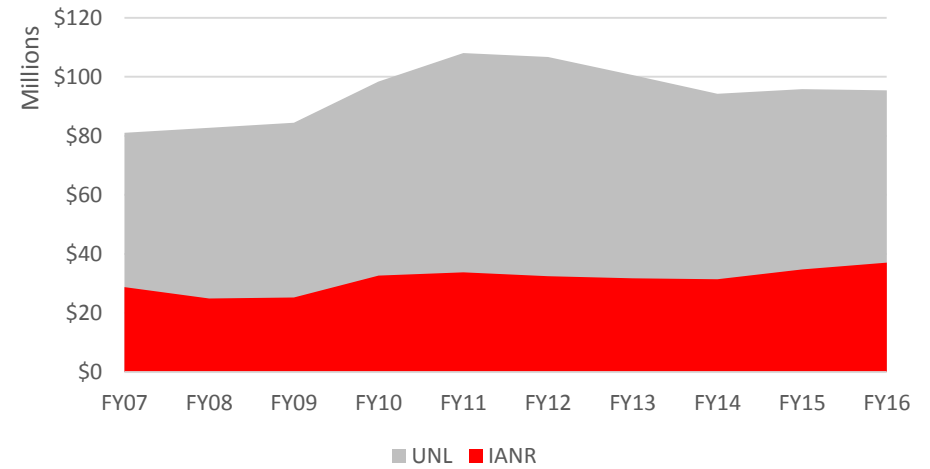




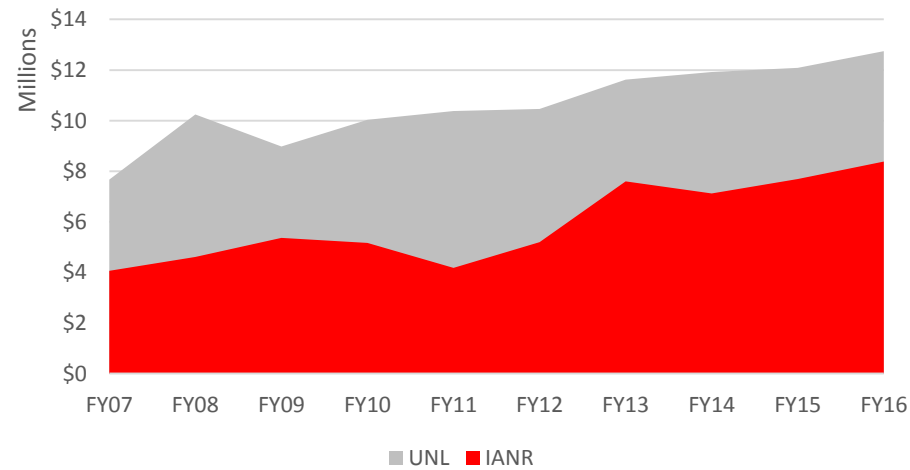
### Sponsored Research Expenditures



### Federal Research Expenditures

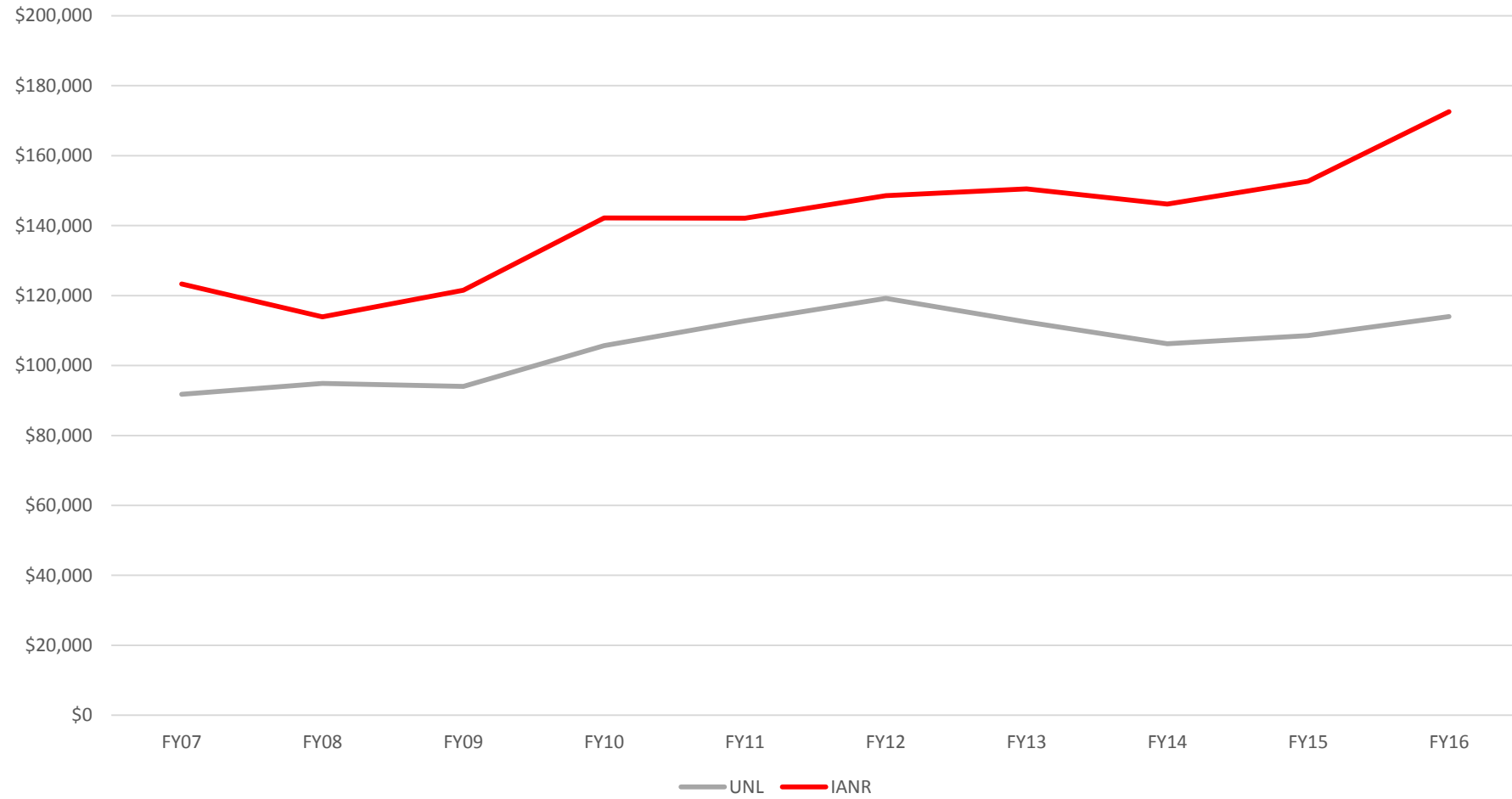


### Industry Research Expenditures





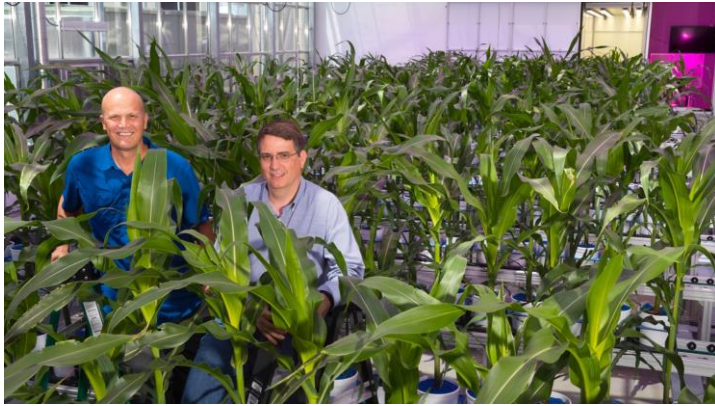
## Sponsored Research Expenditures per Tenure & Tenure Track FTE







# MAJOR GRANTS AWARDED





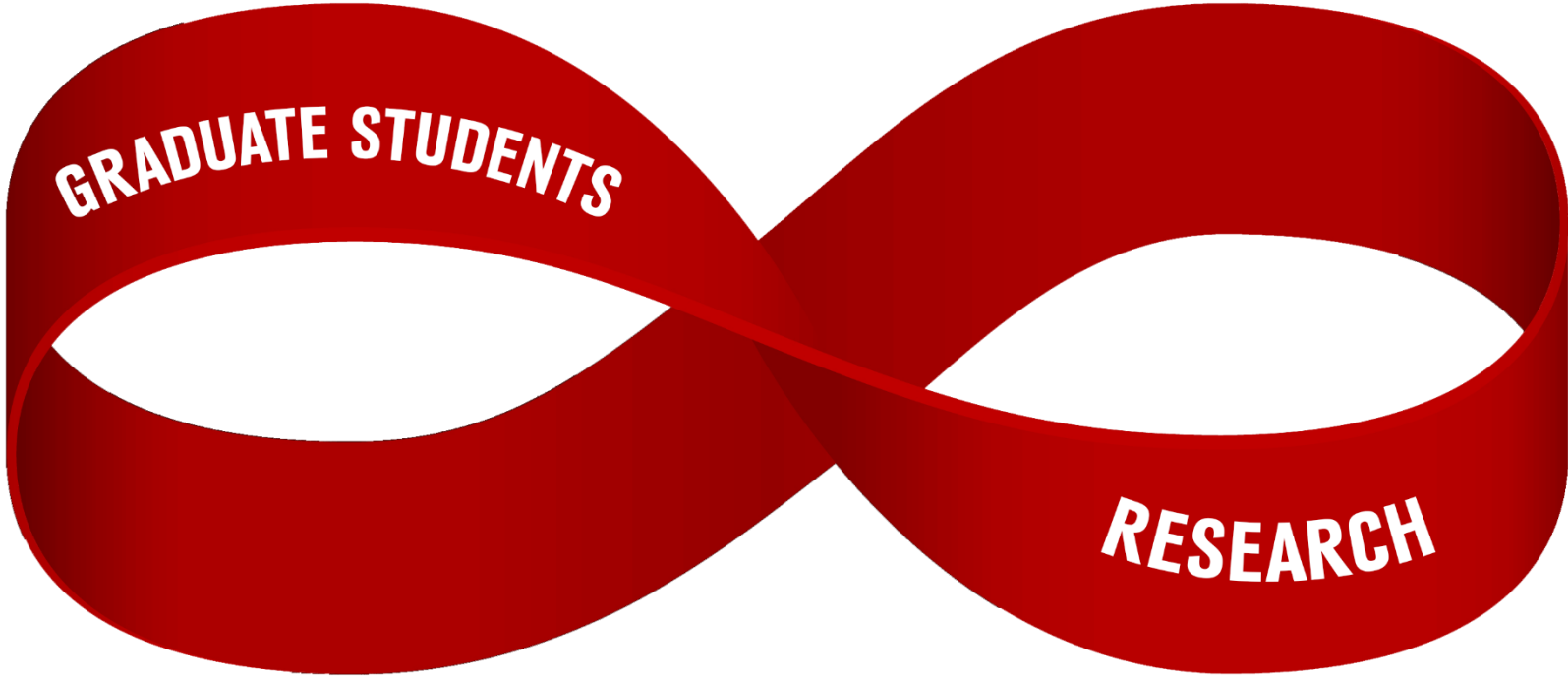
# SOCIETY/NATIONAL AWARDS

Awardee	Award Sponsor	Award	Department
Gary Pickard	American Association for the Advancement of Science	Fellow	Veterinary Medicine
Kenneth Cassman	Swedish Academy of Sciences	Bertebos Prize	Agronomy and Horticulture
Amit Jhala	Weed Science Society of America	Early Career Outstanding Weed Scientist Award	Agronomy and Horticulture
Mark Riley	American Institute of Medical and Biological Engineers	Fellow	Biological Systems Engineering
Daniel Schachtman	American Society of Plant Biologists	Fellow	Agronomy and Horticulture
Edgar Cahoon	American Society of Plant Biologists	Fellow	Biochemistry
Thomas Clemente	Crop Science Society of America	Crop Science Research Award	Agronomy and Horticulture
Roger Elmore	Crop Science Society of America	Fellow	Agronomy and Horticulture
Martha Mamo	Soil Science Society of America	Soil Science Education and Extension Award	Agronomy and Horticulture
Roger Elmore	American Society of Agronomy	Agronomic Education and Extension Award	Agronomy and Horticulture
Doug Golick	Association of Land-grant and Public Universities	Innovative Teaching Award	Entomology
Andrea Cupp	American Society of Animal Science	Animal Physiology and Endocrinology Award	Animal Science
Rick Funston	American Society of Animal Science	Animal Management Award	Animal Science
Ronnie Green	American Society of Animal Science	Morrison Award	Animal Science
Lisa Karr	American Society of Animal Science	Corbin Companion Animal Biology Award	Animal Science
Archie Clutter	American Society of Animal Science	Rockefeller Prentice Mem. Award on Animal Breeding & Genetics	Animal Science
Matt Spangler	Beef Improvement Federation	Continuing Service Award	Animal Science
F. John Hay	National Association of County Agricultural Agents	Distinguished Service Award	Nebraska Extension
Gary Zoubek	National Association of County Agricultural Agents	Hall of Fame Award	Nebraska Extension
Michael Rethwisch	National Association of County Agricultural Agents	National Winner Applied Research Award	Nebraska Extension
Kathy Anderson	Equine Science Society	Fellow	Animal Science
Yan Xia	National Council on Family Relations	Felix Berardo Scholarship Award for Mentoring	Child, Youth & Family Studies
Joe Luck	PrecisionAg	Educator/Researcher of the Year Award	Biological Systems Engineering
Joe Luck	American Society of Agricultural and Biological Engineers	Larry W. Turner Young Extension Professional Award	Biological Systems Engineering
Curt Weller	American Society of Agricultural and Biological Engineers	PEI Professional of the Year Award	Food Science and Technology
Michael Forsberg	Sierra Club	Ansel Adams Award for Conservation Photography	Ag Leadership, Ed & Communication



**\$600**

**million**





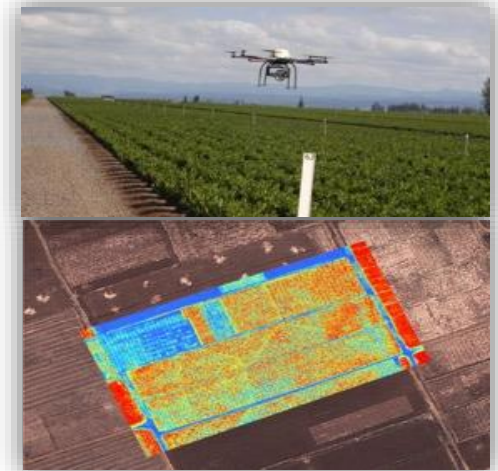
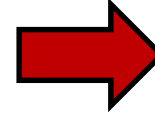
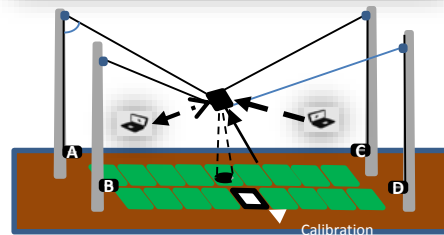
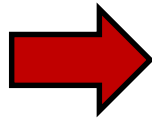
# Veterinary Diagnostic Center





# Vision for the Future – We're Uniquely Positioned

## Scaling and Translation to Nebraska Agriculture





NEBRASKA  
**FOOD FOR  
HEALTH**  
CENTER  
*at the University of Nebraska*



August 30, 2017

# Construction begins on newest Nebraska Innovation Campus building

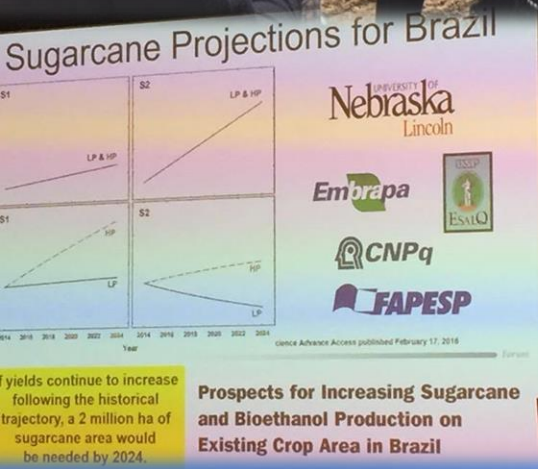
by [Nebraska Innovation Campus](#)



*Courtesy TPG*

A new three-story, 80,000-square-foot building at Nebraska Innovation Campus will feature a business incubator and common spaces built to spur collaboration. The area around the building also will include a community garden and space for outdoor activities.





# **Outreach & Engagement**





# NEBRASKA EXTENSION

## 18 Issue Areas



- Insect Ecosystems
- Healthy Lifestyles for Children and Youth
- Resistant and Invasive Pests
- Nebraska Leaders
- College and Career Success
- Engaging Underserved Youth
- Climate Variation
- Consumer Confidence in Food
- Children Learning Experiences
- Emerging Technology for Ag
- Efficient Water Use
- Ag Producers Economics
- Livable Communities
- Stem Careers
- Water and Soil Protection
- Youth Entrepreneurship and Business Opportunities
- Food Access
- Diversified Ag Production



# WCREC FIELD DAY & WORKSHOP

## Testing Ag Performance Solutions (TAPS)

- Growers take on University of Nebraska-Lincoln scientists and students to see who can out-farm the other.
- In partnership with the Nebraska Water Balance Alliance.





# NEBRASKA 4-H

## National Youth Science Day

Nebraska 4-H was chosen as the creator for the National Youth Science Day experiment which will involve youth from all 50 states and Puerto Rico designing health monitors to increase their interest in Science and fill the pipeline of STEM careers.





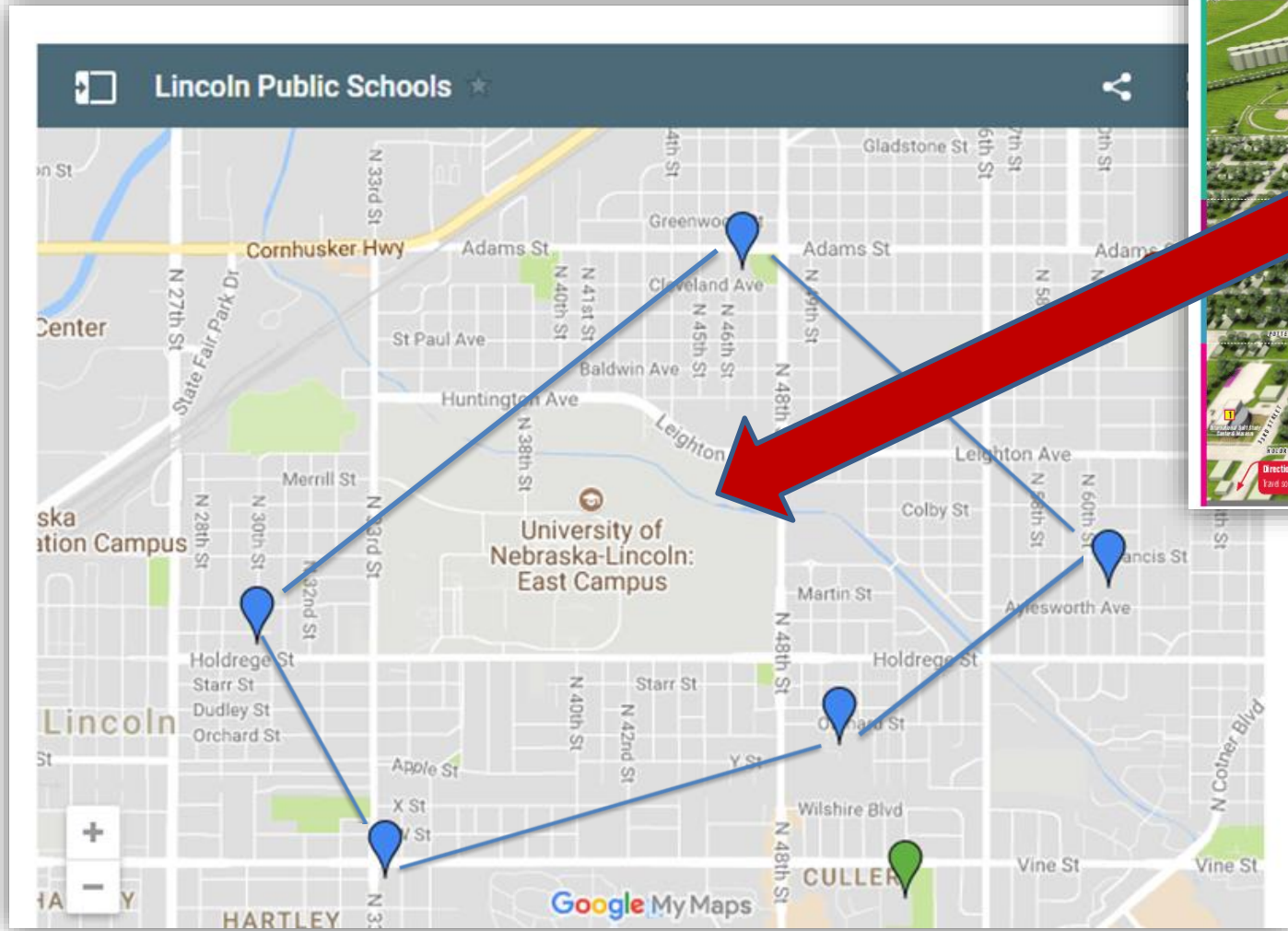
## NU President Hank Bounds Recently Traveled the State and Shared the Following . . .

*“Every dollar the state gives to us, we produce \$6,”  
Bounds said.*

The Extension program is no exception.

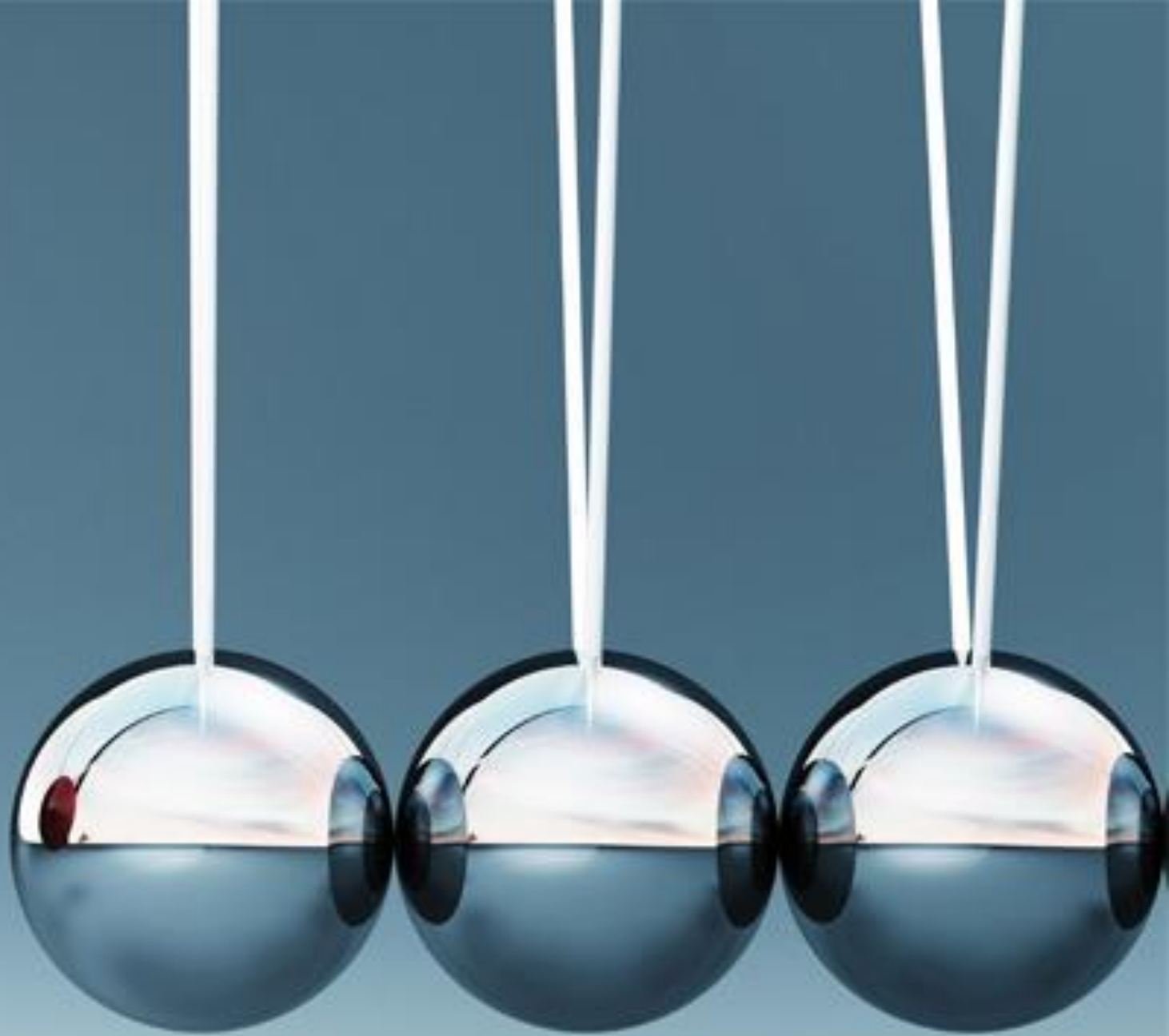
*“The work that they’re doing is really saving farmers  
and ranchers hundreds of thousands — maybe millions  
— of dollars because they are increasing yield.”*







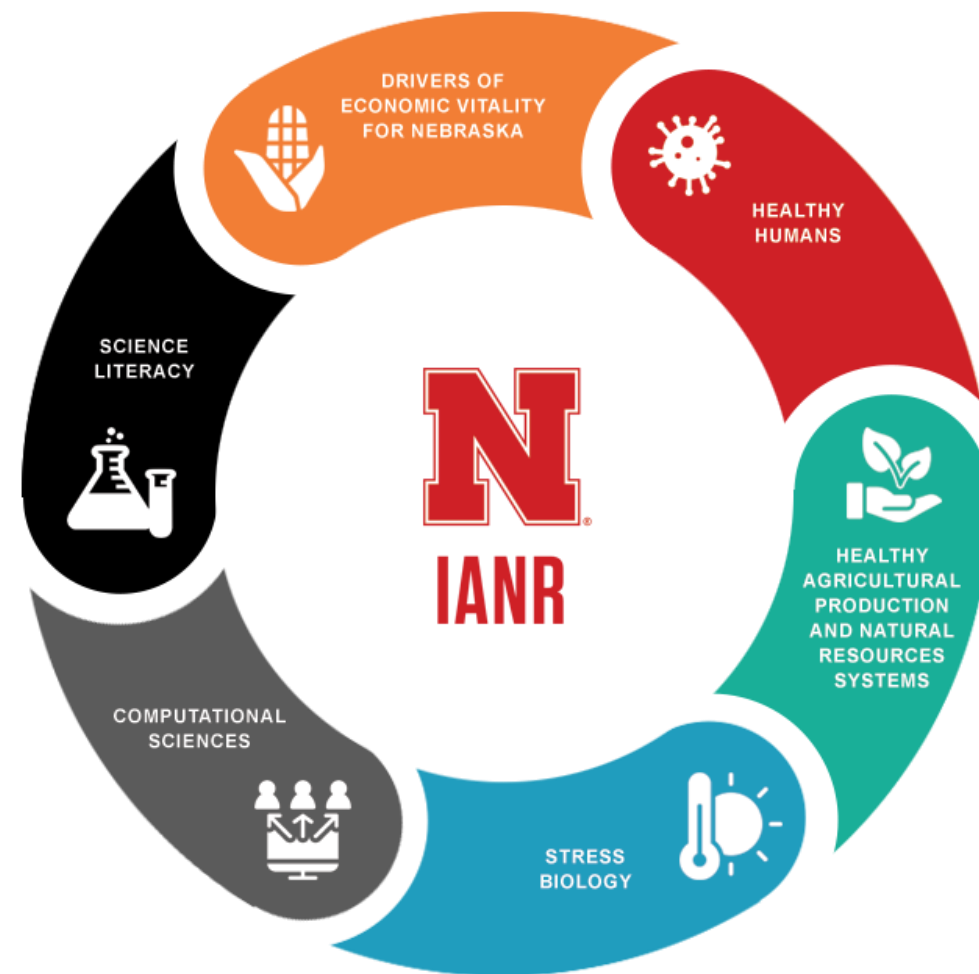




# IANR COMMUNITIES

- Science Literacy
- Stress Biology
- Healthy Humans
- Healthy Systems For Agricultural Production and Natural Resources
- Computational Sciences
- Drivers Of Economic Vitality for Nebraska

[ianr.unl.edu/priority-areas](http://ianr.unl.edu/priority-areas)





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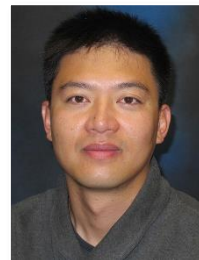
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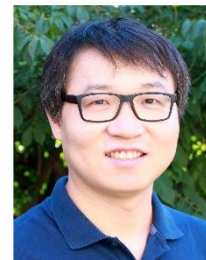
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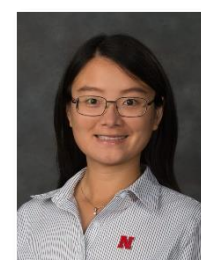
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Tiffany Messer



Yeyin Shi



Rebecca Wachs



Austin Duerfeldt



# LEADERSHIP CHANGES

Position	Current	Target Permanent Person in Place
Dean, CASNR	Tiffany Heng-Moss, interim	July 2018
Dean, CEHS	Beth Doll, interim	July 2019
Dept. Head, Agronomy & Horticulture	Richard Ferguson, interim	July 2018
Dept. Head, Biological Systems Engineering	David Jones, interim	July 2018
Dept. Head, Food Science & Technology	Curt Weller	Hired!
Dept. Head, Nutrition and Health Sciences	Linda Boeckner, interim	July 2018
Director, NE Forest Service	Scott Josiah, retired	John Erixson, hired!
Director, Center for Grassland Studies	Steve Waller	In place



*Life Sciences  
Task Force*



# Hybrid Responsibility-Centered Management (RCM) Model



# NU BUDGET

**\$12 million – reduction in state funding**

**\$49 million – reduction + increased costs (healthcare, infrastructure)**

- Tuition increases (5.4% and 3.2%)
- Assumes flat enrollment
  
- Budget Response Teams      ~\$30 million in efficiencies  
                                                     ~(\$22 million in this biennium)





# BUDGET - University of Nebraska–Lincoln

\$17.3 million reduction for the current biennium – UNL's share of \$49m

- \$11.3 million from budget response efficiencies
- \$6 million from academic programs (APC process)

**Timeline:** Chancellor Green to have recommended reductions to President Bounds in the Spring.

# **Growing Nebraska**



# CLAYTON K. YEUTTER INSTITUTE OF INTERNATIONAL TRADE AND FINANCE



Welcome Ambassador Darci Vetter,  
Diplomat in Residence

## **The Common Agency Problem in Bank Regulations**

*Yesha Yadav, Professor of  
Law, Vanderbilt University  
School of Law*

**Friday, September 29, 2017**

12:00 – 1:00 PM CDT

College of Law, Hamann Auditorium



# HEUERMANN LECTURES

THINK GLOBALLY. ACT LOCALLY.

## ***IMMIGRATION / Nebraska: If Not Immigrants, Who?***



Lourdes Goeuvia

October 3, 2017 - 3:30 P.M. CST

Nebraska Innovation Campus Conference Center  
2021 Transformation Drive, Lincoln





# **“Growing Nebraska” – November 8<sup>th</sup>**

**An interactive summit focused on building partnerships  
to find sustainable and creative solutions  
to critical issues in Nebraska.**

**November 8, 2017**

**8:00 am - 4:00 pm**

**Cornhusker Hotel, 333 South 13th St, Lincoln, NE**

**There is no cost to attend and lunch is included.**

**[go.unl.edu/fallsummit](http://go.unl.edu/fallsummit)**



*“I want (to focus us) all back on our mission -- delivering the highest quality education to our students, pushing the frontiers with world-leading research, creative activity and discovery, and engaging with our state in ways that improve the human and natural conditions of this place called Nebraska, **all the while treating each other with dignity, respect, collegiality and care – even if, and when, we might disagree.**”*

**- Ronnie Green**

