

GROWING A HEALTHY FUTURE

FOOD • FUEL • WATER • LANDSCAPES • PEOPLE



Roadmap for Today's Conversation



- Check-Step on NU, UNL, and IANR to 2025 Goals
- FY 2016-17 Budget Landscape
- Convergence on Infrastructure Growth
 - Physical state-wide campus
 - Distance ed planning
 - Talent management
 - New media platform
- Leadership Transitions

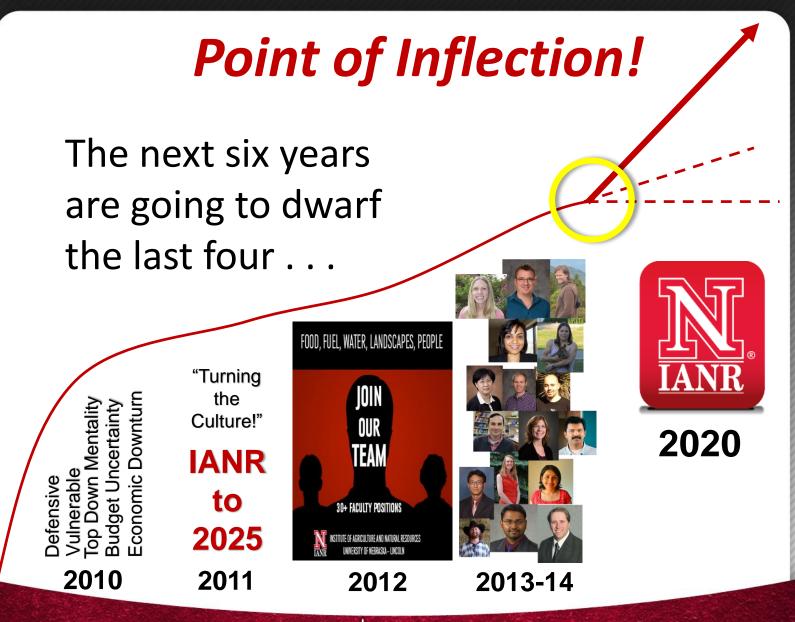


Fifth Year of IANR to 2025











GROWING A HEALTHY FUTURE

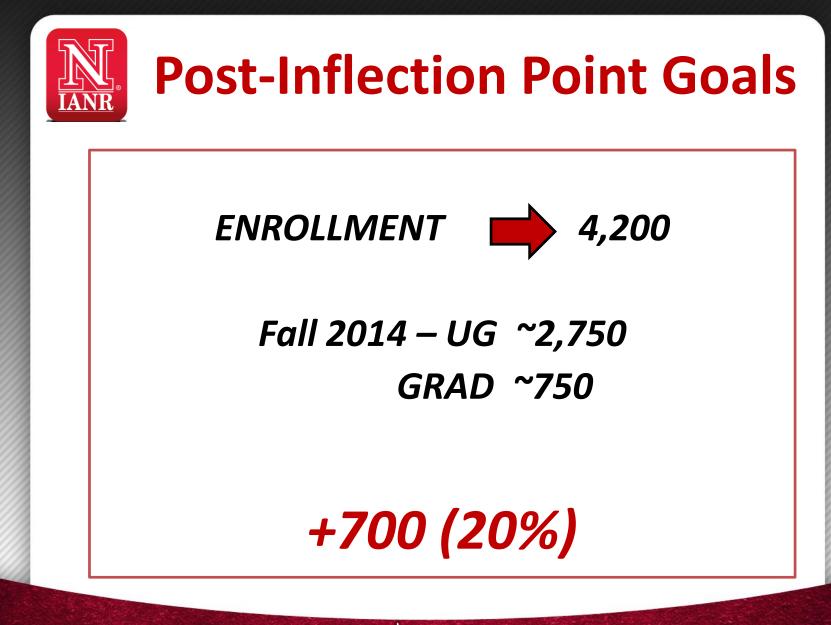
FOOD • FUEL • WATER • LANDSCAPES • PEOPLE

To be the leading public university in the world in *sustainably* "feeding the future" . . . through advancing food, energy, natural resource and rural landscape security.

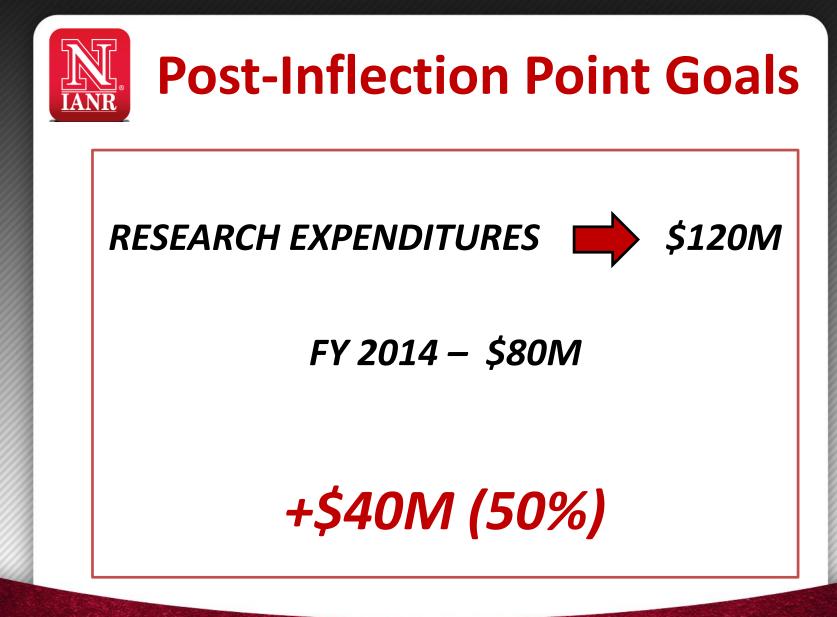


Goals Increase Enrollment to 30,000 Increase Faculty by ~170 Increase 6-year graduation rate to 70% Increase research expenditures to \$300 M Increase national/international recognition of faculty Successfully launch Phase I of Nebraska **Innovation Campus**

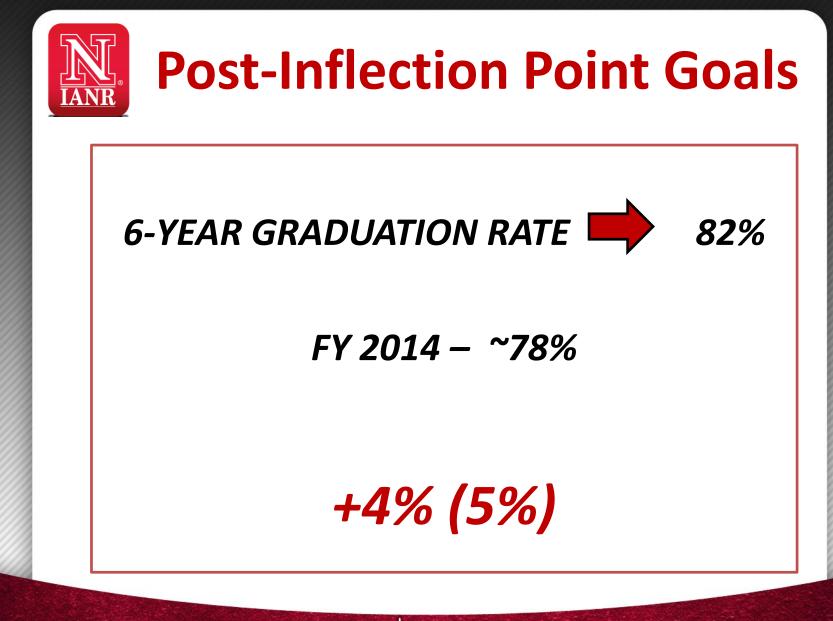




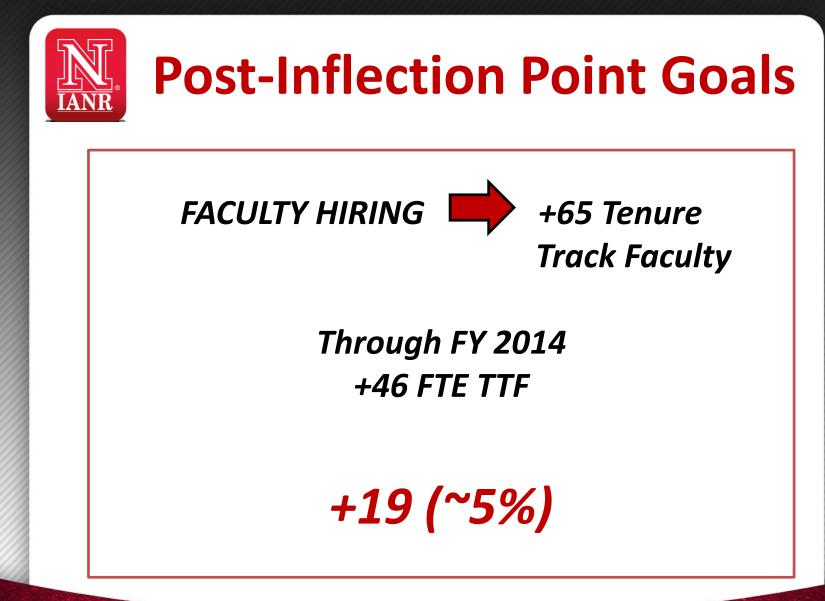
















Post-Inflection Point Goals

Faculty Growth Initiative Phase I = 45 (incl DWFI) Phase II = 34 + 5 = 39 2014 VSIP & Departures = <28.7> Expected 2016-17 = 10

Net = +65

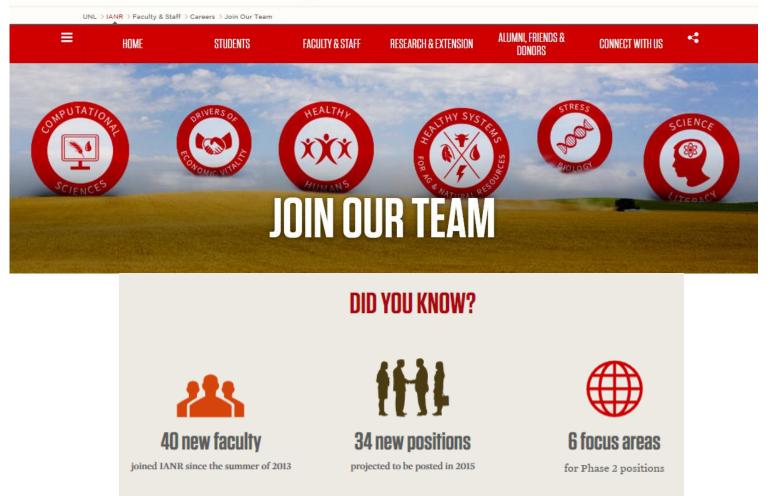


UNIVERSITY OF NEBRASKA-LINCOLN



🔔 MY.UNL LOGIN 🔍

Institute of Agriculture and Natural Resources





Join Our Growing Team at IANR

A LITTLE BACKGROUND ON IANR'S RECENT HIRING INITIATIVES:

The Institute of Agriculture and Natural Resources (IANR) at the University of Nebraska-Lincoln (UNL) is committed to world-class excellence in applications of agricultural and life sciences towards a sustained high quality of life for the citizens of Nebraska, and for a quickly growing global population.

Early in 2013, reflecting this commitment, IANR launched an initiative to hire new tenure-track faculty members in strategic impact areas of: Science Literacy; Stress Biology of Plants, Animals, and Agroecosystems; Healthy Humans; Healthy Systems for Agricultural Production and Natural Resources; and Computational Sciences. This Phase 1 effort was very successful, resulting in the recruitment and hiring of 35 highly skilled tenure-line faculty members (with two searches still active).

IANR is now moving foward with Phase 2 of this hiring initiative. Check back on this page for continued updates on new positions available and also dates and times for candidate seminars.

RECENT FACULTY HIRES



Karsten Koehler, Nutrition and Health Sciences, Start Date 8/17/2015

...



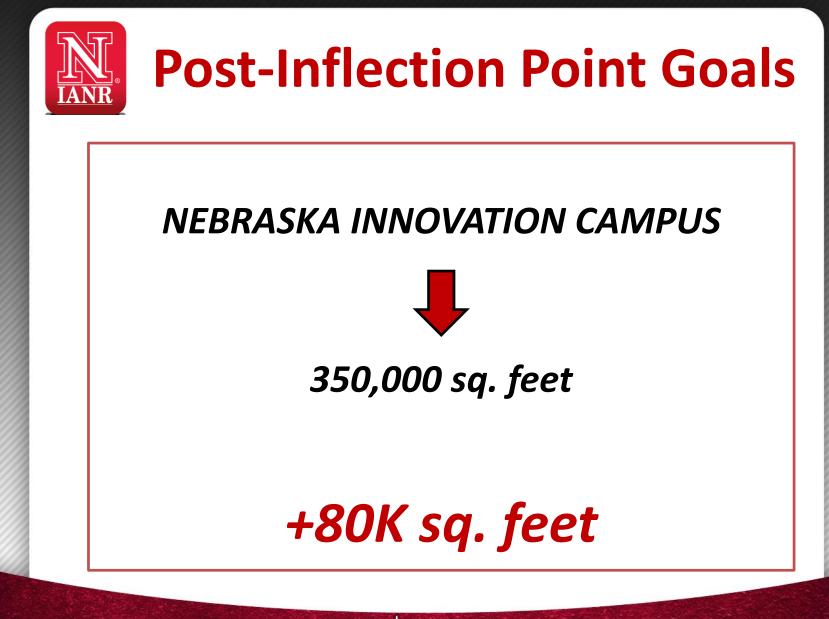
Retirement Demographic

Departmental Unit	Number	
Agricultural Economics	2	
Agronomy & Horticulture	6	
Animal Science	3	
Biochemistry	2	
Biological Systems Engineering	2.5	
Child, Youth, and Family Studies	.245 (1)	
Food Science & Technology	2	
Nebraska Extension	1	
Nutrition & Health Sciences	.49 (2)	
School of Natural Resources	6	
Statistics	2	
Textiles, Merchandising and Fashion Design	1.45 (3)	

BIF

IANR







Innovation Campus Phase 1 Building – 350,000 sq. feet



UNL Dept. of Food Science and Technology!







Follow the action through the web cam www.truelook.com/clients/tetrad-webcam/



















PHENO-Summit October 2015













NEBRASKA ALLIANCE FOR ADVANCED FOOD SANITATION 📉



Opportunities

MORE EFFECTIVE AND EFFICIENT SANITATION APPROACHES

COOPERATIVE TECHNOLOGY

EDUCATION: lissemination of science c artners and regulators.

CONSULTING:

INNOVATION AND ADVANCEMENT IN PRODUCTION SANITATION

A unique opportunity exists for the creation of the Nebraska Alliance for Advanced Food Sanitation. The University of Nebraska-Lincoln and industry partners in the alliance will conceptualize, create, and disseminate improved sanitation approaches and practices. More efficient and effective sanitation will result in a reduction in the quantities of chemicals used in sanitation, savings in time and operational costs resulting in more affordable foods at the consumer level, and consistently safer food products.

The timing for this initiative is opportune to support the mandates for validated preventive controls for food safety hazards that will be promulgated by the U.S. Food and Drug Administration's Food Safety Modernization Act (2011). Alliance activities are envisioned to focus on all manner of food safety concerns including microbial pathogens, allergens, and taxic chemicals; food quality and shelf life; cost and risk benefit assessments; water conservation and reusability; and genetically engineered foods.

NEOGEN







Ann Willet Pharm D., MBA, Director of Strategic Alliances 402 472 5535 aviilet2@unl.edu

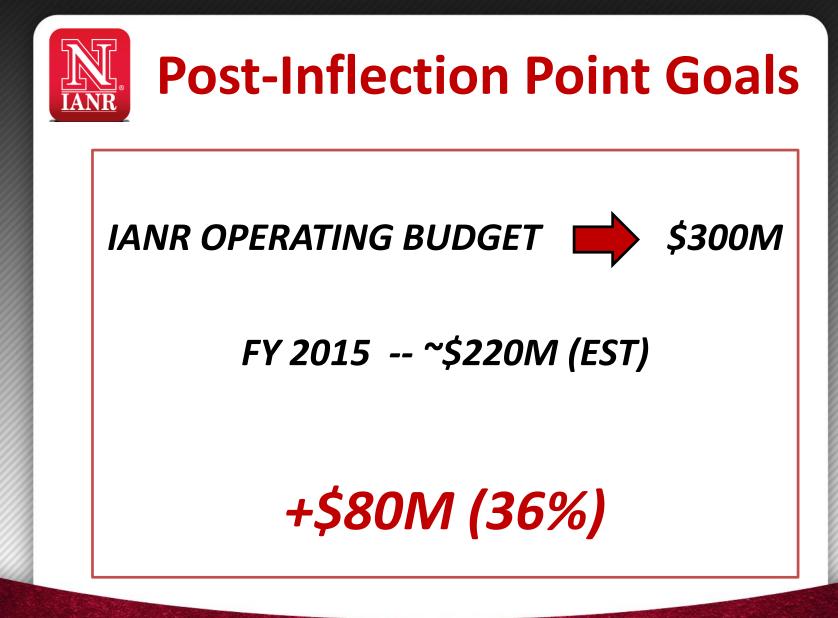
Nebraska

Department of Food Science and Technology: Steve Taylor Ph.D. University of Nebraska-Lincoln 402 472 2833 staylor2@unLedu

Joe Baumert Ph.D. University of Nebraska-Lincoln 402 472 3070 jbaumert2@unl.edu The University of Nebruska-Lincoln is an equal opportunity educator and employer

8.

General Information:



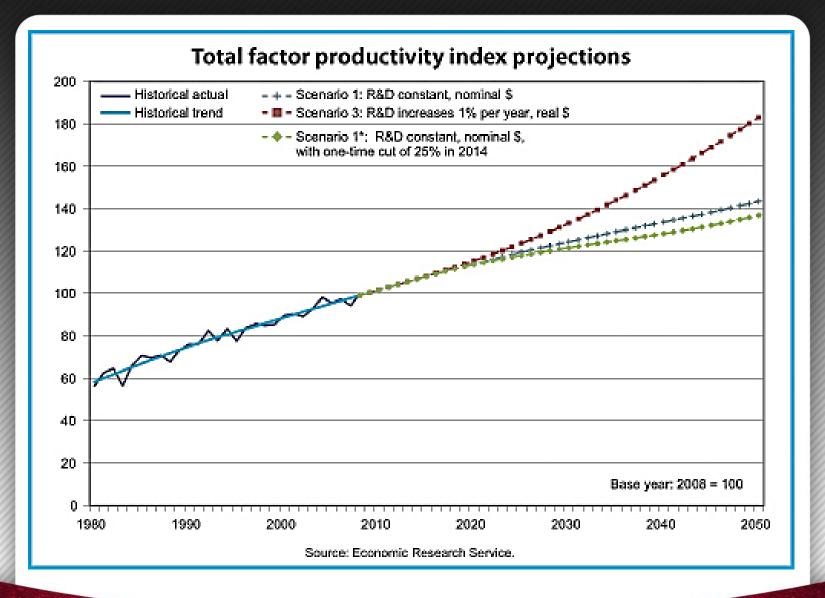
















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- PCAST (Ag Research, Antibiotics)
- AGree
- Chicago Council on Global Affairs
- STEM Ag and Food Council
- Council on Competitiveness
- Foundation for Food and Ag Research
- NAAAS (Animal Ag / Science)
- NNMI (Food Factory of the Future)



Feeding the World

By 2050 we'll need to feed two billion more people. How can we do that without overwhelming the planet?

PHOTOGRAPHS BY GEORGE STEINMETZ

EDITORIAL

Building agricultural research

infashit Planet th by 2000. Without agricultural research, erv is little hope of sistaining this population rgs.given that arable land and water supplies are modities. Ret for decades the agricultural ctor has suffered from neglect. If we want to combat new strains of pests that destroy crops, find new crup varieties enriched in matritional value, improve pields, develop resistance to disease and desight, and then the chancellor of Washington University', Gregores

provide environmentally sensitive cultivation practices, then agricultural research must be a priority. Why ion't H7 In the 1970s, as a biology professor at Stanford Uniornity, I worked with the Office of Science and Technology Policy in the White House to discover

what incentives might encour are the growth of competitive peer-reviewed agricultural re search. At the time, other major federal agencies such as the U.S. National Institutes of Health were enjoying boosts in competi-tive research funding. On the other hand, the U.S. Department of Arricolture (USDA) used "for rmils" fanding on a regional or commodity-focused basis, largely through the public landgrant universities. That process pickled key advances, increasing our ability to feed more people improved fortilizers, artificial irrigation, harvest mechanization, and hybridization. But many re-searchers believed that advances is basic science would provide new ways to revolutionize agri-cultural production. We found it hard to understand why a brilliant cell biologist had to seek

SCHENCE achieveman off

grant program was launched then, but its survival in fa- High on StAUCs agenda is to increase funding for comare budget cycles turned out to be perilous. What happened? Over the past 35 years, new ventures

toral research is now in a deficit position with respect to the infrastructure, human capital, and policies needed to address the challenges of food security. A real revolution in agricultural research is possible if today's deeper knowledge, new tools, and advanced ca-pacities could be effectively blended. Fortunately, in re-sponse to a USDA task force (headed by William Durforth,

reveated the National Institute of Riod and Agriculture (NSFA) within USDA in 2006 as a means to r management of forsdamental agricultural research. ND/A now manages \$200 million in

sciences. Certainly, today's flacat

climate makes it hard to argue

competitive merit-based grants-for fundamental agricultural re-search through its Agriculture and Food Research Initiative That new agency is one of the rare foderal research programs to have shown steady increases over the past 5 years, making this a major turnaround in com-petitive research support. Despite this success, the curent level of funding for 1500 fails short of the opport presented by the agricu

for estending discretionary fol-eral spending. That is why non-"....nonpartisan sciencepartisan science-based groups that have seen the need to be based groups that have ster research in agriculture and are willing to work for its imseen the need to bolster provensent are important play research in agriculture...are ers. One is the recently created organization called Supporters of Agriculture Research (SoAR). important players."

William Danforth, appropriately in the chairman. SAR includes entities to expect the support from sub-ther agency to fund incovative research, in the chairman. SAR includes entitlet across disciplines as well as representatives of commercial solutions are sub-there are accounted as a second second and the sub-there are accounted as a second second and the sub-there are accounted as a second second and the sub-there are accounted as a second and the sub-there are a second as a second s petitive grants, so that USDA can encourage interdisci-plinary and innovative research. The much-needed revolutions in agriculture can only

The subjection of the subject of









of Stanford University, Storford, CA and a former adder in-chief a Science, E-mail krendpf@

Legislative Update





New Faces

LEGISLATURE

Omaha Metro Nebraska Iowa Crime & Courts N

18 rookies in Nebraska Legislature start from scratch with new speaker, new governor



Print Pont Size:

POSTED: WEDNESDAY, JANUARY 7, 2015 1:00 AM

By Paul Hammel / World-Herald Bureau

LINCOLN — There's an air of uncertainty and anticipation as the 90-day session of the Nebraska Legislature begins today.

Eighteen new state senators will take their seats in the 49-seat unicameral Legislature, and a new governor, Omaha businessman Pete Ricketts, will take office Thursday.

Ricketts, a conservative Republican, is the first governor to come into office with no government experience since war hero and restaurateur Bob Kerrey was elected in 1982.

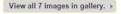
So there's no record from which to predict how Ricketts might handle state issues.

As a group, the new state lawmakers are more conservative than their predecessors. But how that plays out in terms of new laws and priorities in a new, two-year state



RYAN SODERLIN/THE WORLD-HERALD

Lincoln Sen. Colby Coash of District 27 hugs his son Cole, 5, as his wife, Rhonda, greets him on Wednesday on the Legislature's first day in session for 2015.





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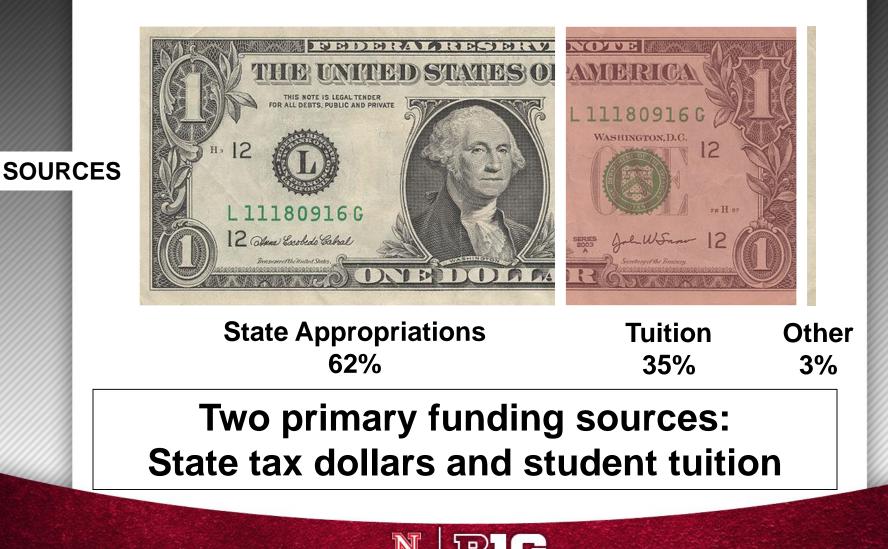


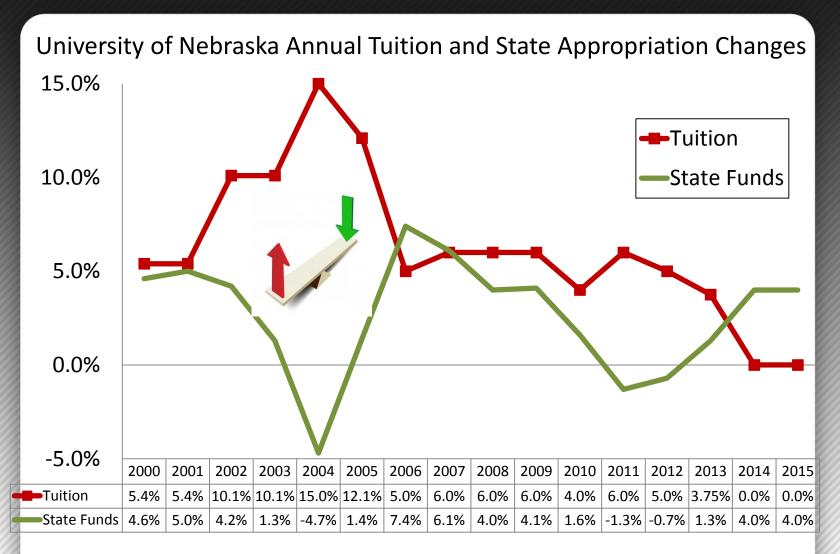






NU 'State-Aided' Budget





2010 reflects original state appropriation increase. Does not include special session reductions.

State funding and tuition historically have an inverse relationship

Long Session = Budget Setting Year

State appropriations to NU for general operations had been relatively flat for five straight years.

- Not a sustainable model if we are to maintain affordability while also investing in our priorities.
- Faculty salaries are behind our peers.





Long Session = Budget Setting Year

Proposed 2015-17 (core operations) request for an annual increase in the NU state-aided budget of 2.1 to 4.4 %, depending on our salary increase – increases that are comparable to the Legislative Fiscal Office's projected 4.4 percent state spending growth for the next biennium.







Additional Items of Interest in the "Core" Budget

- *Targeted* investments to assist faculty and staff salaries catch up to peer institutions
- **NU's Programs of Excellence**, high-priority academic programs across the four campuses
- **Collegebound Nebraska**, the financial aid program that promises full tuition assistance for low-income students
- "College Pipeline" commitments made to the White House to expand access for under-represented students
- 1% for core operations, including IT support, utilities and <u>building O&M</u>





LB 154 – Senator Hadley Economic Competiveness Initiative

Provides funding to support:



- Nebraska Innovation Campus
- Peter Kiewit Institute/ College of Eng.
- Building a Healthier Nebraska Kearney Health Science Programs
- <u>National Strategic Research Institute</u>
- Rural Futures Institute





KEY Request in the Budget

Nebraska College of Technical Agriculture (NCTA) -

seeking state support for faculty enhancement, including hiring a meat science instructor and veterinarian, classroom and laboratory equipment replacement, and other investments critical to its success.





Growing the Campus





Project	Completion Date	Cost	State Funding	Private Funding
Biofibers Research Lab	Fall 2013	\$376K	\$376K	
Havelock Farm Popcorn Building	Fall 2014	\$450K		\$450K
Entomology Bldg (WCREC)	Winter 2014	\$337K	\$337K	
Snyder Addition (WCREC)	March 2014	\$412K	\$412K	
Elliott Bldg Upgrade (PHREC)	Fall 2014	\$3.9M	\$3.9M	
Animal Handling Facility (PHREC)	Fall 2013	\$320K		\$320K
High Plains Ag Lab (Sidney)	June 2014	\$510K	\$10K	\$500K
Commodity Trading Room	Fall 2014	\$763K		\$763K
Stumpf International Wheat Center	December 2014	\$1.02M	\$20K	\$1M
East Campus Rec	Summer 2015	\$14.9M	\$14.9M	
Raising Nebraska – State Fair	Summer 2015	\$5M		\$5M
Quilt House Expansion	Summer 2015	\$7M		\$7M
Veterinary Diagnostic Center	Fall 2017	\$45M	\$41M	\$4.2M
Nebraska Innovation Campus	2015/Ongoing	\$85M	\$30	\$55
East Campus Residence Hall	Fall 2017	\$37.5M	\$37.5M	
CASNR Learning Commons	Fall 2017?	\$4M	\$4M	
East Campus Learning Commons & Legacy Plaza	Spring 2018?	\$26M	\$10M	\$16M

BIF

NIANR.



East Campus Master Plan



... The map to follow for any project



Havelock Farm – Popcorn Research



Completion – 2014







Holdrege Street – 35 East





WCREC – New Entomology Bldg



Completed Fall 2014



WCREC – Snyder Addition



Completed March 2014



PHREC Elliott Building Upgrade











Animal Handling Facility Panhandle REC





High Plains Ag Lab "Fenster" Building at Sidney





Dedicated June 2014



Commodity Trading Room Dept. of Ag. Economics, Filley Hall 57





Opened in Fall 2014



Legacy Plaza



Dedicated Fall 2014











South "Gates" to East Campus Spring 2015



Stumpf International Wheat Center



"Sneak Peek Open House" Dec 2014





East Campus Recreation and Wellness Center

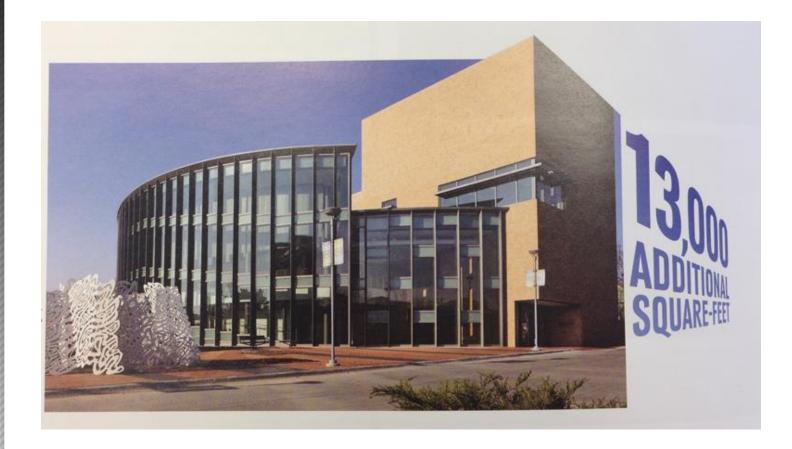


Open Summer 2015





Quilt House





Veterinary Diagnostic Center

Opening in 2017





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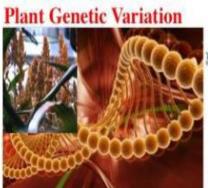


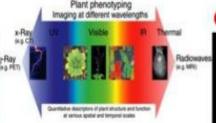


Follow the action through the web cam www.truelook.com/clients/tetrad-webcam/



Consortium for Integrated Translational Biology Creating a transdisciplinary environment to bridge the genotype to phenotype gap





Capturing Phenotype





Lab to Field Infrastructure



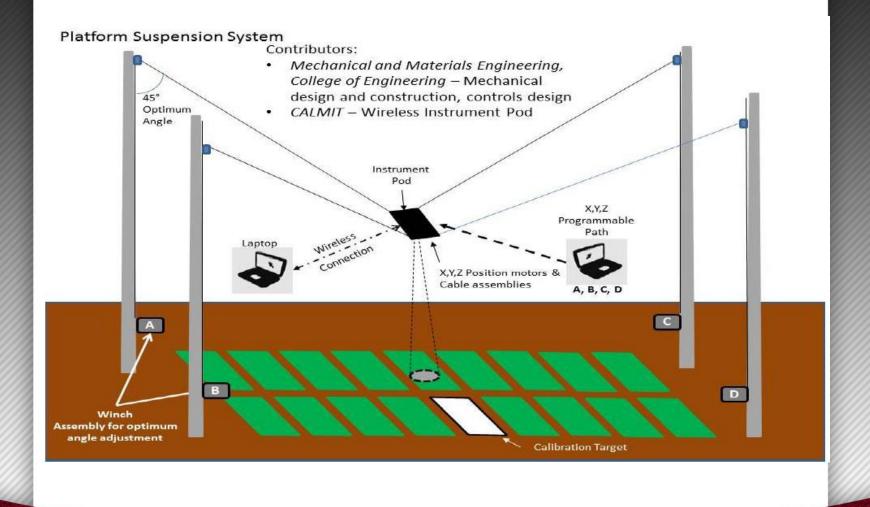




PHENO-Summit October 2015









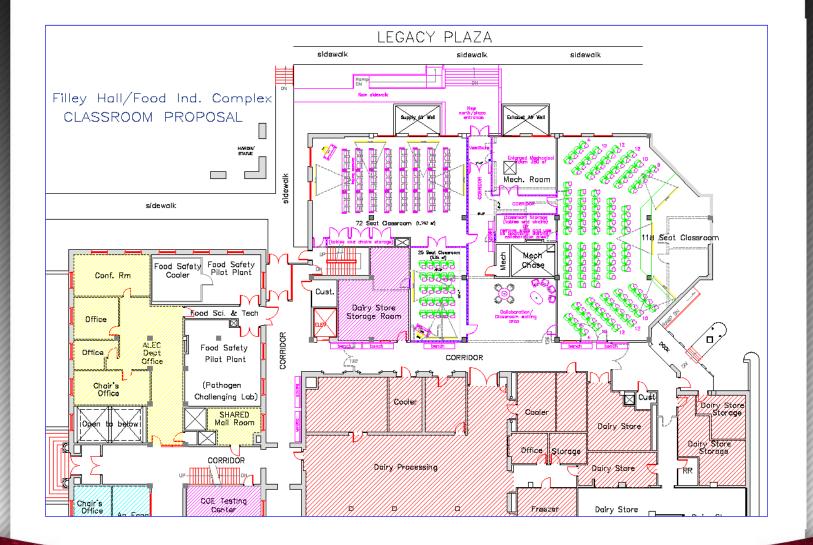








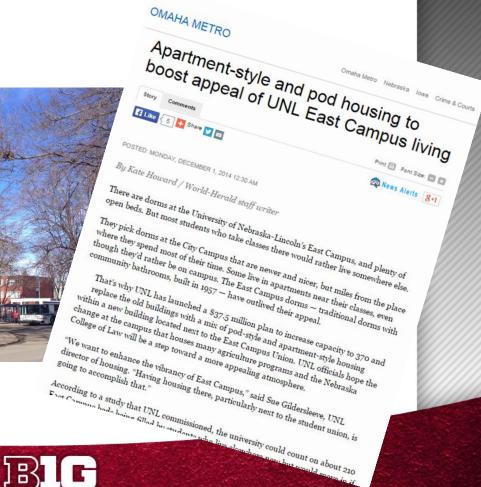






A New Residence Hall for East Campus!





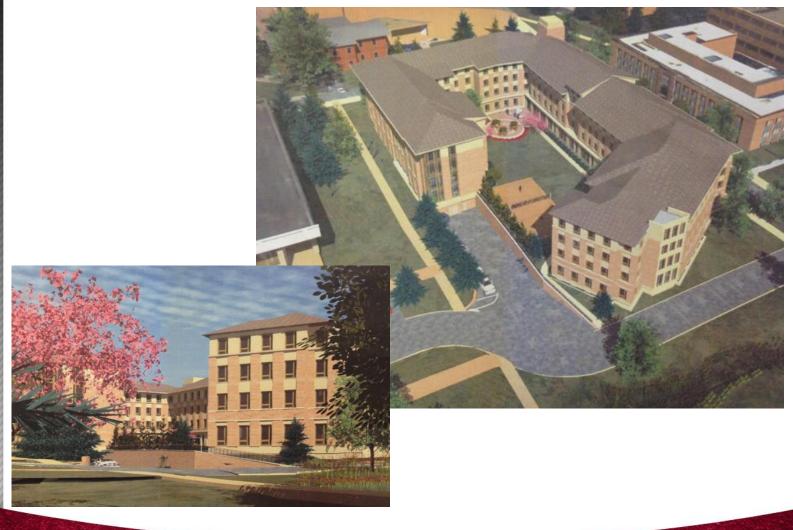
Biochemistry Hall



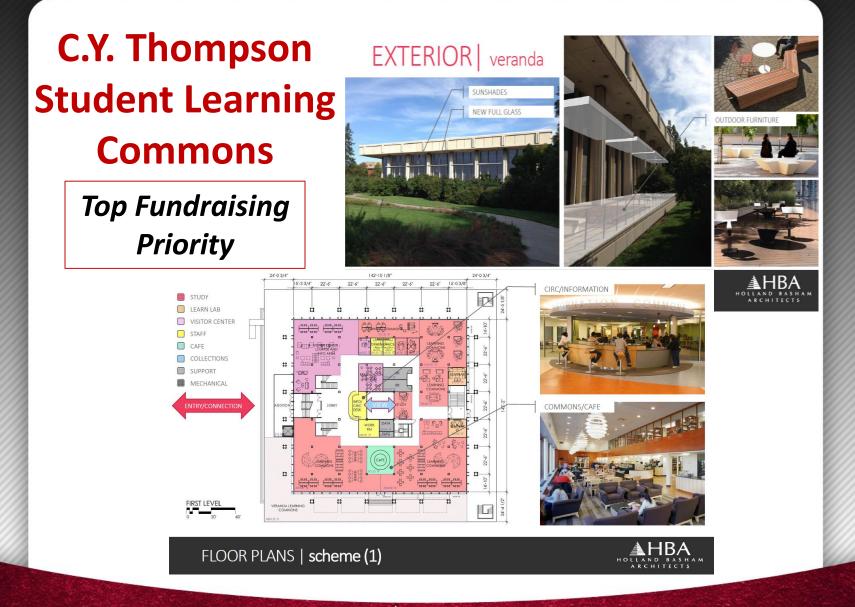
Proposed space for new housing



A New Residence Hall for East Campus!















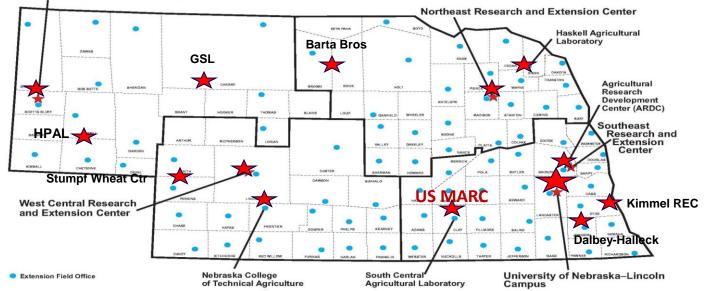






Statewide Resource Optimization Task Force – Implementation Steps

Panhandle Research and Extension Center







IANR Statewide Resource Optimization Task Force

Objective:

To comprehensively evaluate the land, facility, and personnel resources of the IANR teaching, research, and extension missions across the state-wide campus of Nebraska, and, to determine if opportunities exist for more effective use and management of those resources to meet long-term needs for growing a healthy future through research and education in the areas of food, fuel, water, landscapes, and people.





IANR Statewide Resource Optimization Task Force

- Don Adams
- Stephen Baenziger
- Larry Berger
- Linda Boeckner
- Homer Buell
- Chuck Burr
- Dan Duncan
- Galen Erickson
- Richard Ferguson
- Eugene Glock
- Tiffany Heng-Moss

- Lisa Kaslon
- Mark Kuzila
- Keith Olsen
- Mark Schroeder
- Kim Todd

Ex-Officio:

- Marjorie Kostelnik
- Ron Rosati
- Steve Waller

Task Force Coordinator:

David Jackson

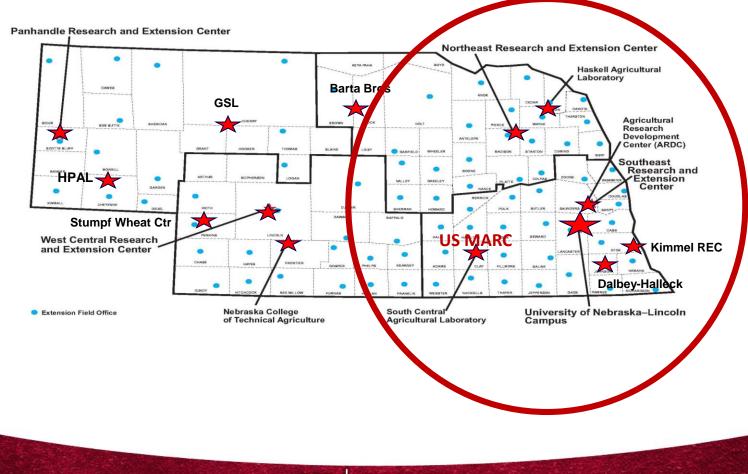
Co-Chairs: Archie Clutter and Chuck Hibberd







"Renewed" 21st Century Eastern Nebraska Research Capacity







Statewide Resource Optimization– Implementation Steps Timeline

- Oct 1 Implementation Plan for IANR Media and Technology Platform (1/15)
- Sept-Dec Initial Modeling of recommended changes in state-wide R/E infrastructure by sub-task force
- Jan-Jul 15 Financial modeling and structural proposals completed
- Jul-Dec 15 Public Vetting and Discussion of proposed plan (expected Jul 16 target)



Media Optimization

Hiring Update

- Communications & Media Coordinator, screening of candidates
- Web Strategist, screening of candidates
- Media Specialist, seeking applicants (closes February 2)

Going Forward

- The new IANR media group will provide support for electronic media (video and audio) and interactive media development.
- We will be integrating with UComm to offer many of the other services previously offered by EdMedia.



Media Optimization

Media Plan

• A complete list of services offered by the new IANR Media group, and process for requesting work, will be distributed once the Communications & Media Coordinator is in place.

In the Mean Time:

- Press release questions can be directed to Jill Brown
- Other Ed Media questions should be directed to Mary Garbacz

Toolbox

- New UNL toolbox has been released ucomm.unl.edu/toolbox
- Updated IANR unit "N" lock-ups are in process and a note will be sent out when they become available





CASNR Distance Education Programs

Degree Programs:

Bachelor of Science in Applied Science Agronomy, M.S. Applied Science, M.A.S.



- Specialization in Science for Educators Entomology, M.S.

Certificates:

Meat Culinology, Undergraduate Certificate Insect Biology for Educators, Graduate Certificate



AG*IDEA Programs

Great Plains Interactive Distance Education Alliance

Graduate Certificates:

Advanced Horticulture Floriculture & Nursery Production Food Safety & Defense Grasslands Management Ornamentals Landscape & Turf

Concentration:

Community Development, Applied Science (M.A.S.)



CASNR Distance and Online Education

- CASNR is a leader in the development and delivery of online and distance education programming
- Develop a 2025 plan charting the course and strategies needed to continue to achieve excellence in distance and online education and develop programming that addresses the needs of a changing society



CASNR Distance and Online Education Advisory Team

Andreia Bianchini (FDST) Dan Cotton – Chair (CASNR, NExt) Dave Gosselin (SNR) John Kammerman (SVMBS) Dave Lambe (AGRO-H, EAEP) Gina Matkin (ALEC) Diane Wasser (CASNR)

Mark Burbach (SNR) Fabio De Mattos (AGEC) Tiffany Heng Moss (CASNR, ENT) Lisa Karr-Lilienthal (ANSC) John Markwell (CASNR, BIOC) Walter Schacht (AGRO-H) Tom Weissling (ENT) Deb Weitzenkamp (NExt)



UNL Deans Council Working Group on Distance Education

- Design and recommend a revenue-sharing model that will apply to "true distance" programs, i.e., majors, minors or certificates with the goal of recognizing and fairly compensating the colleges
- Identify strategic targets of opportunity for the creation/expansion of transcripted (degrees, majors, minors, certificates) distance education programs



UNL Deans Council Working Group on Distance Education

Brad Sheriff (Co-Chair) (VCAA) Marjorie Kostelnik (Co-Chair) (CEHS) Marie Barber (ODE) Renee Batman (VCAA) Tammy Beck (CBA) Tiffany Heng-Moss (CASNR) Maria Marron (JOUR) Deborah Minter (A&S) Ken Nickerson (Senate/A&S) Mary Niemiec (Online Worldwide)





Focus Groups

- 17 focus groups (from June-Sept 2014)
- Participants: on- and off-campus staff, faculty and administrators
- Results will help us develop INSPIRE priorities
- Access Focus Group results at: ianrhr.unl.edu



You spoke, we listened.





INSPIRE UPDATE – What is Next?

Staff Survey

- PURPOSE: Find out more about IANR culture directly from staff.
- Will be sent to all Man/Prof and Office/Service staff in January 2015
- Results will help us further develop INSPIRE priorities





INSPIRE UPDATE – What is Next?

Other 2015 Priorities

- Updated Performance Management process for IANR staff in 2016
- Evaluation of current HR processes
- Manager training and development
- StrengthsFinder team discussions
- IANR onboarding & orientation program for new hires
- Revision of IANR HR website (In progress!)





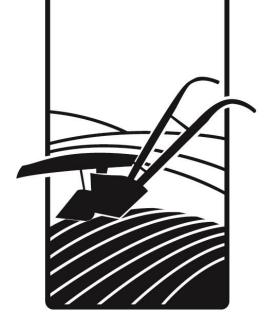
INSPIRE UPDATE – Learn More?

How to Learn More

- Visit the IANR HR website (In progress!)
 - Review Focus Group Summary
 - Review INSPIRE Pillars
 - Review INSPIRE HR Model
 - Sign up for the INSPIRE listserv
- For questions about INSPIRE, please email the IANR HR Team at <u>ianrhr@unl.edu</u>







Servant Leaders



Leadership Transitions

School of Veterinary Medicine and Biomedical Sciences





Don Beermann

Don Reynolds



Leadership Transitions

David Jackson Associate Dean, ARD to Associate Vice Provost, NU





Leadership Transitions

Josh Davis IANR Assistant Vice Chancellor Global Engagement





Leadership Transitions Southeast Director



Susan Williams



Dave Varner



Leadership Transition / Succession

New NU President
New UNMC Chancellor
UNL Deans (only two >5 years)
Searching for UNL SVCAA
UNL Chancellor





HEUERMANN LECTURES

Climate Change in the American Mind



Speaker: ANTHONY LEISEROWITZ, Yale School of Forestry & Environmental Studies

MARCH 10, 2015 3:30 P.M. HARDIN HALL, 33RD AND HOLDREGE, LINCOLN, NE



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STREAM





Illuminating A Nebraska Renaissance



