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
PROMOTED and/or TENURED

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

Byron Chaves Elizondo
Judith Turk
Kurt Piepenbrink
Xin Qiao
Travis Mulliniks
Jinliang Yang
Jiujiu Yu
John Benson
Toshihiro Obata
Eric North
Therese Laux
Bradley Schick
John Porter
Mary-Grace Danao
Tiffany Messer
Yeyin Shi
Rebecca Wachs
Austin Duerfeldt
Yongjun Wang
Linda Reddish
Jeffrey Stokes
IANR on the Road & Around the Globe
75 counties as of August 28, 2017
Teaching & Learning
HOLISTIC STUDENT DEVELOPMENT
Enrollment Numbers for the Past 15 years - UNL

Students

2002: 22,988
2003: 21,675
2004: 23,725
2005: 24,207
2006: 24,207
2007: 24,207
2008: 24,207
2009: 24,207
2010: 24,207
2011: 24,207
2012: 24,207
2013: 24,207
2014: 24,207
2015: 24,207
2016: 26,079
2017: 26,079

Academic Year
<table>
<thead>
<tr>
<th>Student Success (Retention)</th>
<th>Student Matriculation Success (Graduation Rate)</th>
<th>Career Pathways (Post Graduation Employment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global Experience</td>
<td>Graduate Education Pathways</td>
<td>Holistic Student Development</td>
</tr>
</tbody>
</table>
Massengale Residential Center

Grand Opening

October 11, 2017
3:00 - 4:30 pm
Total Research Expenditures

![Graph showing Total Research Expenditures from FY07 to FY16. The graph indicates an increasing trend in expenditures over the years with a slight dip in FY09. The expenditures are categorized under UNL and IANR.]
Sponsored Research Expenditures per Tenure & Tenure Track FTE
MAJOR GRANTS AWARDED
<table>
<thead>
<tr>
<th>Awardee</th>
<th>Award Sponsor</th>
<th>Award</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gary Pickard</td>
<td>American Association for the Advancement of Science</td>
<td>Fellow</td>
<td>Veterinary Medicine</td>
</tr>
<tr>
<td>Kenneth Cassman</td>
<td>Swedish Academy of Sciences</td>
<td>Bertebos Prize</td>
<td>Agronomy and Horticulture</td>
</tr>
<tr>
<td>Amit Jhala</td>
<td>Weed Science Society of America</td>
<td>Early Career Outstanding Weed Scientist Award</td>
<td>Agronomy and Horticulture</td>
</tr>
<tr>
<td>Mark Riley</td>
<td>American Institute of Medical and Biological Engineers</td>
<td>Fellow</td>
<td>Biological Systems Engineering</td>
</tr>
<tr>
<td>Daniel Schachtman</td>
<td>American Society of Plant Biologists</td>
<td>Fellow</td>
<td>Agronomy and Horticulture</td>
</tr>
<tr>
<td>Edgar Cahoon</td>
<td>American Society of Plant Biologists</td>
<td>Fellow</td>
<td>Biochemistry</td>
</tr>
<tr>
<td>Thomas Clemente</td>
<td>Crop Science Society of America</td>
<td>Crop Science Research Award</td>
<td>Agronomy and Horticulture</td>
</tr>
<tr>
<td>Roger Elmore</td>
<td>Crop Science Society of America</td>
<td>Fellow</td>
<td>Agronomy and Horticulture</td>
</tr>
<tr>
<td>Martha Mamo</td>
<td>Soil Science Society of America</td>
<td>Soil Science Education and Extension Award</td>
<td>Agronomy and Horticulture</td>
</tr>
<tr>
<td>Roger Elmore</td>
<td>American Society of Agronomy</td>
<td>Agronomic Education and Extension Award</td>
<td>Agronomy and Horticulture</td>
</tr>
<tr>
<td>Doug Golick</td>
<td>Association of Land-grant and Public Universities</td>
<td>Innovative Teaching Award</td>
<td>Entomology</td>
</tr>
<tr>
<td>Andrea Cupp</td>
<td>American Society of Animal Science</td>
<td>Animal Physiology and Endocrinology Award</td>
<td>Animal Science</td>
</tr>
<tr>
<td>Rick Funston</td>
<td>American Society of Animal Science</td>
<td>Animal Management Award</td>
<td>Animal Science</td>
</tr>
<tr>
<td>Ronnie Green</td>
<td>American Society of Animal Science</td>
<td>Morrison Award</td>
<td>Animal Science</td>
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<tr>
<td>Lisa Karr</td>
<td>American Society of Animal Science</td>
<td>Corbin Companion Animal Biology Award</td>
<td>Animal Science</td>
</tr>
<tr>
<td>Archie Clutter</td>
<td>American Society of Animal Science</td>
<td>Rockefeller Prentice Mem. Award on Animal Breeding &amp; Genetics</td>
<td>Animal Science</td>
</tr>
<tr>
<td>Matt Spangler</td>
<td>Beef Improvement Federation</td>
<td>Continuing Service Award</td>
<td>Animal Science</td>
</tr>
<tr>
<td>F. John Hay</td>
<td>National Association of County Agricultural Agents</td>
<td>Distinguished Service Award</td>
<td>Nebraska Extension</td>
</tr>
<tr>
<td>Gary Zoubek</td>
<td>National Association of County Agricultural Agents</td>
<td>Hall of Fame Award</td>
<td>Nebraska Extension</td>
</tr>
<tr>
<td>Michael Rethwisch</td>
<td>National Association of County Agricultural Agents</td>
<td>National Winner Applied Research Award</td>
<td>Nebraska Extension</td>
</tr>
<tr>
<td>Kathy Anderson</td>
<td>Equine Science Society</td>
<td>Fellow</td>
<td>Animal Science</td>
</tr>
<tr>
<td>Yan Xia</td>
<td>National Council on Family Relations</td>
<td>Felix Berardo Scholarship Award for Mentoring</td>
<td>Child, Youth &amp; Family Studies</td>
</tr>
<tr>
<td>Joe Luck</td>
<td>PrecisionAg</td>
<td>Educator/Researcher of the Year Award</td>
<td>Biological Systems Engineering</td>
</tr>
<tr>
<td>Joe Luck</td>
<td>American Society of Agricultural and Biological Engineers</td>
<td>Larry W. Turner Young Extension Professional Award</td>
<td>Biological Systems Engineering</td>
</tr>
<tr>
<td>Curt Weller</td>
<td>American Society of Agricultural and Biological Engineers</td>
<td>PEI Professional of the Year Award</td>
<td>Food Science and Technology</td>
</tr>
<tr>
<td>Michael Forsberg</td>
<td>Sierra Club</td>
<td>Ansel Adams Award for Conservation Photography</td>
<td>Ag Leadership, Ed &amp; Communication</td>
</tr>
</tbody>
</table>
$600 million
GRADUATE STUDENTS

RESEARCH
Veterinary Diagnostic Center
Vision for the Future – We’re Uniquely Positioned
Scaling and Translation to Nebraska Agriculture
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
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Jeffrey Stokes
<table>
<thead>
<tr>
<th>Position</th>
<th>Current</th>
<th>Target Permanent Person in Place</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dean, CASNR</td>
<td>Tiffany Heng-Moss, interim</td>
<td>July 2018</td>
</tr>
<tr>
<td>Dean, CEHS</td>
<td>Beth Doll, interim</td>
<td>July 2019</td>
</tr>
<tr>
<td>Dept. Head, Agronomy &amp; Horticulture</td>
<td>Richard Ferguson, interim</td>
<td>July 2018</td>
</tr>
<tr>
<td>Dept. Head, Biological Systems Engineering</td>
<td>David Jones, interim</td>
<td>July 2018</td>
</tr>
<tr>
<td>Dept. Head, Food Science &amp; Technology</td>
<td>Curt Weller</td>
<td>Hired!</td>
</tr>
<tr>
<td>Dept. Head, Nutrition and Health Sciences</td>
<td>Linda Boeckner, interim</td>
<td>July 2018</td>
</tr>
<tr>
<td>Director, NE Forest Service</td>
<td>Scott Josiah, retired</td>
<td>John Erixson, hired!</td>
</tr>
<tr>
<td>Director, Center for Grassland Studies</td>
<td>Steve Waller</td>
<td>In place</td>
</tr>
</tbody>
</table>
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
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
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 8th

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
“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