No Fear – Always Forward and Never Back

2018 – 2019

FSA – Full Speed Ahead

SCHOOL OF NATURAL RESOURCES

SNR Vision and Mission

- **Vision Statement**
  - The School of Natural Resources will be an international leader in natural resources education, research, and outreach. The School will also be the primary provider of natural resources information and service to the citizens and stakeholders of Nebraska.
- **Mission Statement**
  - The School of Natural Resources will combine interdisciplinary approaches and disciplinary excellence to:
  - Foster an integrated, systems approach to address complex natural resource, environmental and human issues;
  - Provide a quality academic experience for students;
  - Conduct fundamental research of the mechanisms associated with natural resource systems;
  - Provide innovative outreach to citizens and stakeholders;
  - Investigate, record, and disseminate information about Nebraska's Earth, water, atmospheric and biological resources; and
  - Promote a comprehensive conservation ethic for the effective and appropriate management and sustainable use of natural resources.

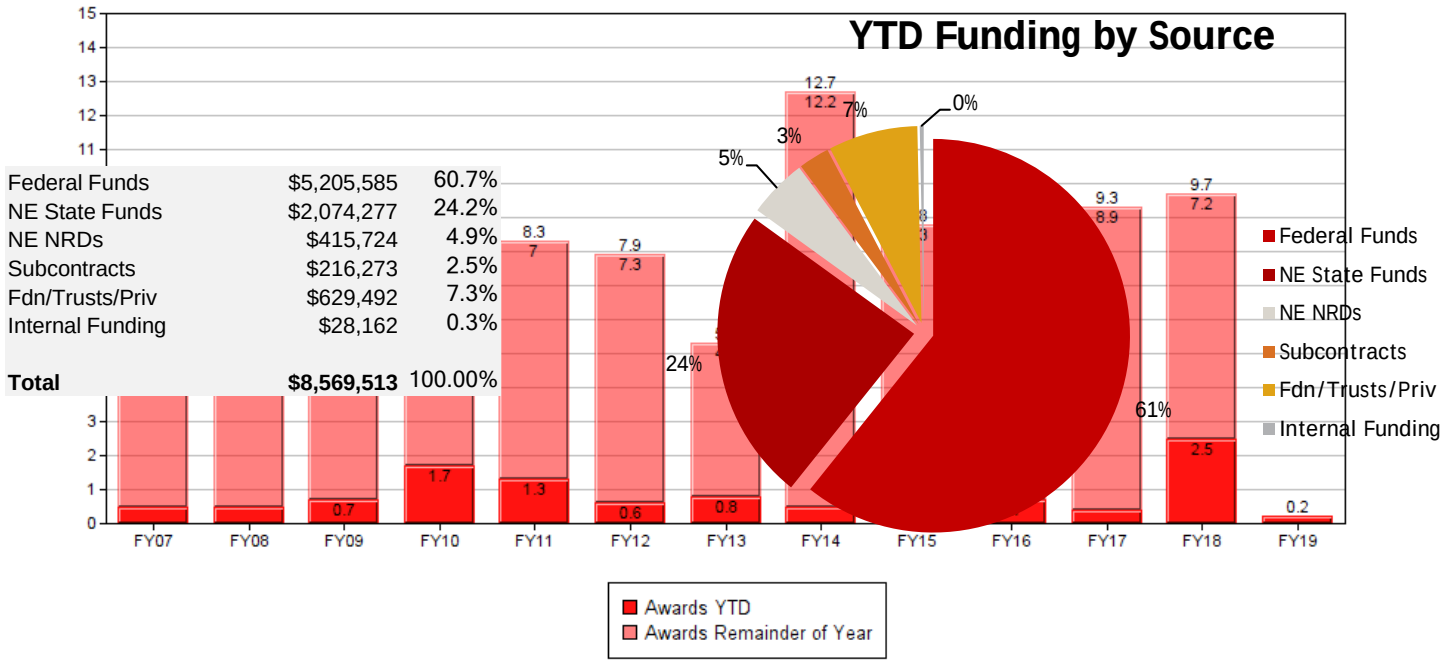
Working Vision

- The tripartite mission of the land grant university is paramount
- This is the School of Natural Resources – we connect people and the environment
- Our programs will continue to increase in importance in society

As Always – Integration and Identity

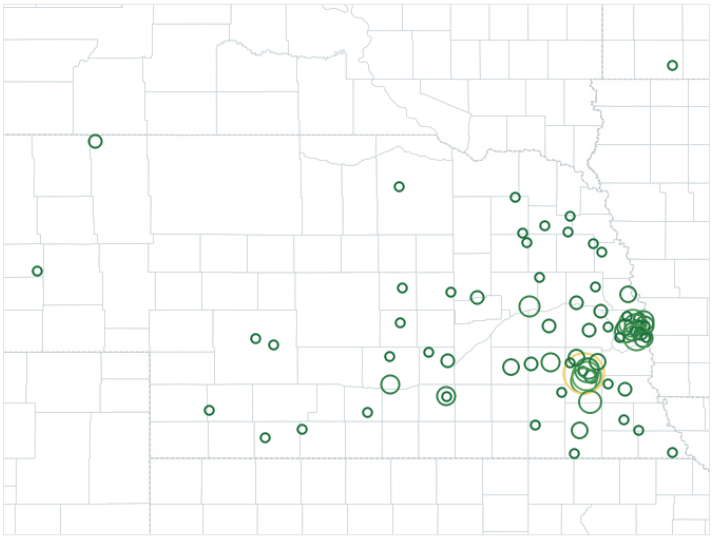
A Few Statistics - Research

College: School of Natural Resources
as of August 06, 2018



A Few Statistics – Teaching Undergrad

Fall Headcount by Degree Type

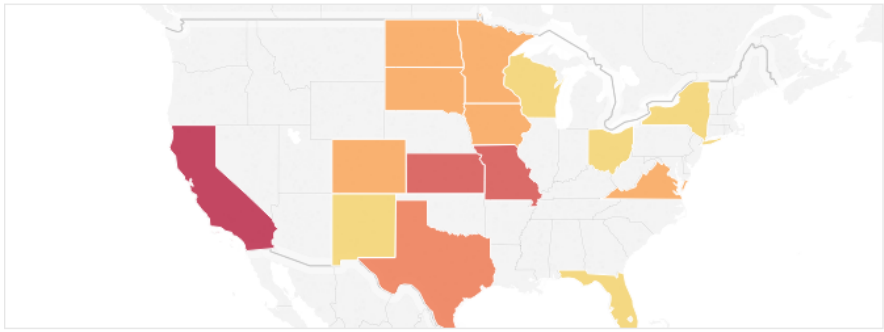


FILTERED BY Bar color: Degree Type; Semester: Fall; Student Level: Undergraduate; College (Graduate students only): College of Agri Sci and Natl Resources; Major: Environmental Restoration Science, Fisheries and Wildlife, Grassland Ecology & Management and 1 more; Gender: None; Race/Ethnicity: None; Underrepresented Minority: None; Age Range: None; Residency: None

Headcount
1
5
10
15
20

Nebraska High Sch..
1 20

Fall Headcount by Degree Type

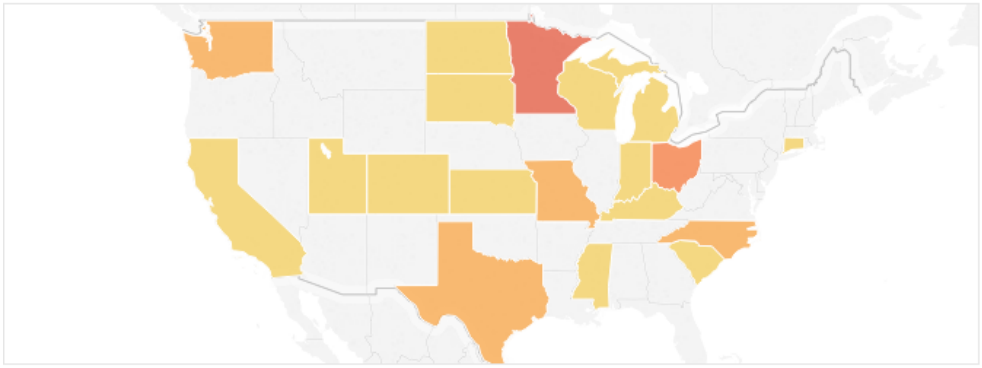


FILTERED BY Bar color: Degree Type; Semester: Fall; Student Level: Undergraduate; College (Graduate students only): College of Agri Sci and Natl Resources; Major: Environmental Restoration Science, Fisheries and Wildlife, Grassland Ecology & Management and 1 more; Gender: None; Race/Ethnicity: None; Underrepresented Minority: None; Age Range: None; Residency: None

US State Headcou..
1 5

A Few Statistics – Teaching Graduate

Fall Headcount by Degree Type



FILTERED BY Bar color: Degree Type; Semester: Fall; Student Level: All; College (Graduate students only): College of Agri Sci and Natl Resources; Major: Natural Resource Sciences; Gender: None; Race/Ethnicity: None; Underrepresented Minority: None; Age Range: None; Residency: None

US State Headcou..

1 6

Fall Headcount by US State

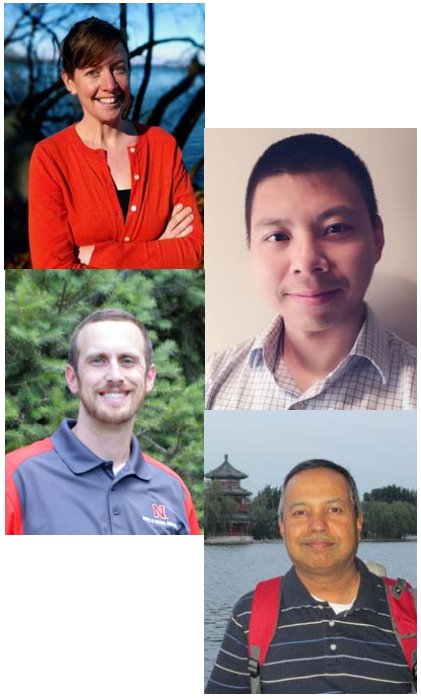
Rank	State Name w internatio..	
1	Nebraska	30
2	N/A (Non-US home count..	17
3	N/A	6
4	Minnesota	4
5	Ohio	3
6	Missouri	2
	North Carolina	2
	Texas	2
	Washington	2
10	Armed Forces Pacific	1
	California	1
	Colorado	1
	Connecticut	1
	Indiana	1
	Kansas	1
	Kentucky	1
	Michigan	1
	Mississippi	1
	North Dakota	1
	South Carolina	1
	South Dakota	1
	Utah	1
	Wisconsin	1

FSA - 2017-2018

- Continue implementing APR
  - Address gender/diversity issues in SNR
    - Already in place with more proactive faculty hiring
    - 6 women among new faculty
    - Establishment of NRDI
  - Tackle individual issues
    - Teaching – At least 5 different initiatives moving forward—BSE/CE, Spatial/Remote Sensing, Law School, Distance, and etc.
    - IANR Silos – JPC Job
    - Integration of Centers - Work in Progress

Hiring Status and Programs

- Limnology/Water Science
  - Jess Corman – 1 Dec 2017
- Spatial Scientist
  - Yi Qi - 1 July 2018
- Wildlife Landscape - Extension
  - Andy Little – 1 July 2018
- Climate Scientist/HPRCC Director
  - Rezaul Mahmood – 1 July 2018



Hiring Status and Programs

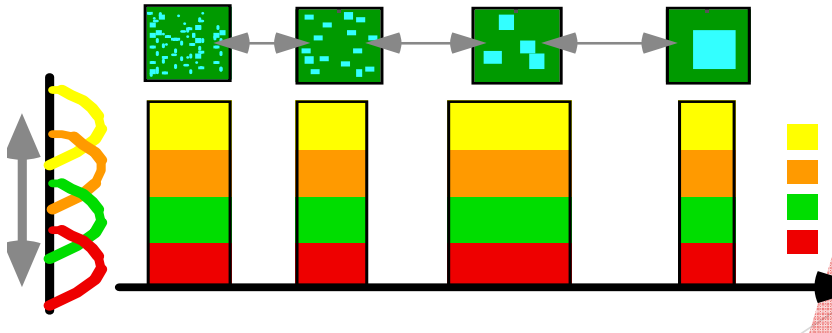
- Great Plains Forestry
  - Dave Wedin – Chair
  - Interviews scheduled
  - Should be completed soon
  - As early as 1 January 2019

Other Hiring

- New POP Position
- Mary Bomberger Brown
  - 3 year POP - Ecologist
  - Combination of salary savings and contributions from CASNR and ARD
  - Mainly support of teaching, but also research appointment
  - Start with academic year appointment for Fall 2018

Other Changes

- IANR **Resilience Center**
  - Collaborative Center
  - SNR will be core unit along with Agronomy and Horticulture and likely BSE and Animal Science
  - Modeled like some other Centers but more proactively cutting across IANR units
  - Core faculty will represent wider range of units than typical Centers
  - By February 2019



DEFINITION - Holling (1973) resilience as the amount of disturbance that a system can withstand before it shifts into an alternative stable state.

The Short Term 2018-2019

- Implementing APR
  - Address gender issues in SNR
    - Continue to support NRDI
    - Continue to support newly hired faculty
    - I have asked NRDI to create action items for SNR
  - Teaching Review
    - Continue teaching review – mainly surrounding spatial science, climate sciences, and environmental science
    - Begin to implement recommendations
    - Streamline degree programs
  - Center Review
    - Mike Boehm has hinted about this issue
    - We need to be proactive in how we operate
    - We need to show a much more unified front

Short Term 2018-2019

- Vision, Mission, Branding, Marketing, Culture
  - Future of SNR in general
  - Land Grant Mission
  - Shawna to lead our internal action this year
- Teaching Program
  - Day long retreat for teaching faculty and staff
  - Integration and Identity
  - Making our program work better for our students and ourselves
- SNR Extension
  - Half day retreat
  - What is our mission?
  - Can we integrate with Nebraska Extension?

Helping Nebraskans enhance their lives through research-based education.
Nebraska Extension's Mission

Have a Great Year!!!!!!

14 September

Alexander von Humboldt Birthday