



2017-2018 College Highlights
**College of Agricultural Sciences
and Natural Resources**

University of Nebraska-Lincoln

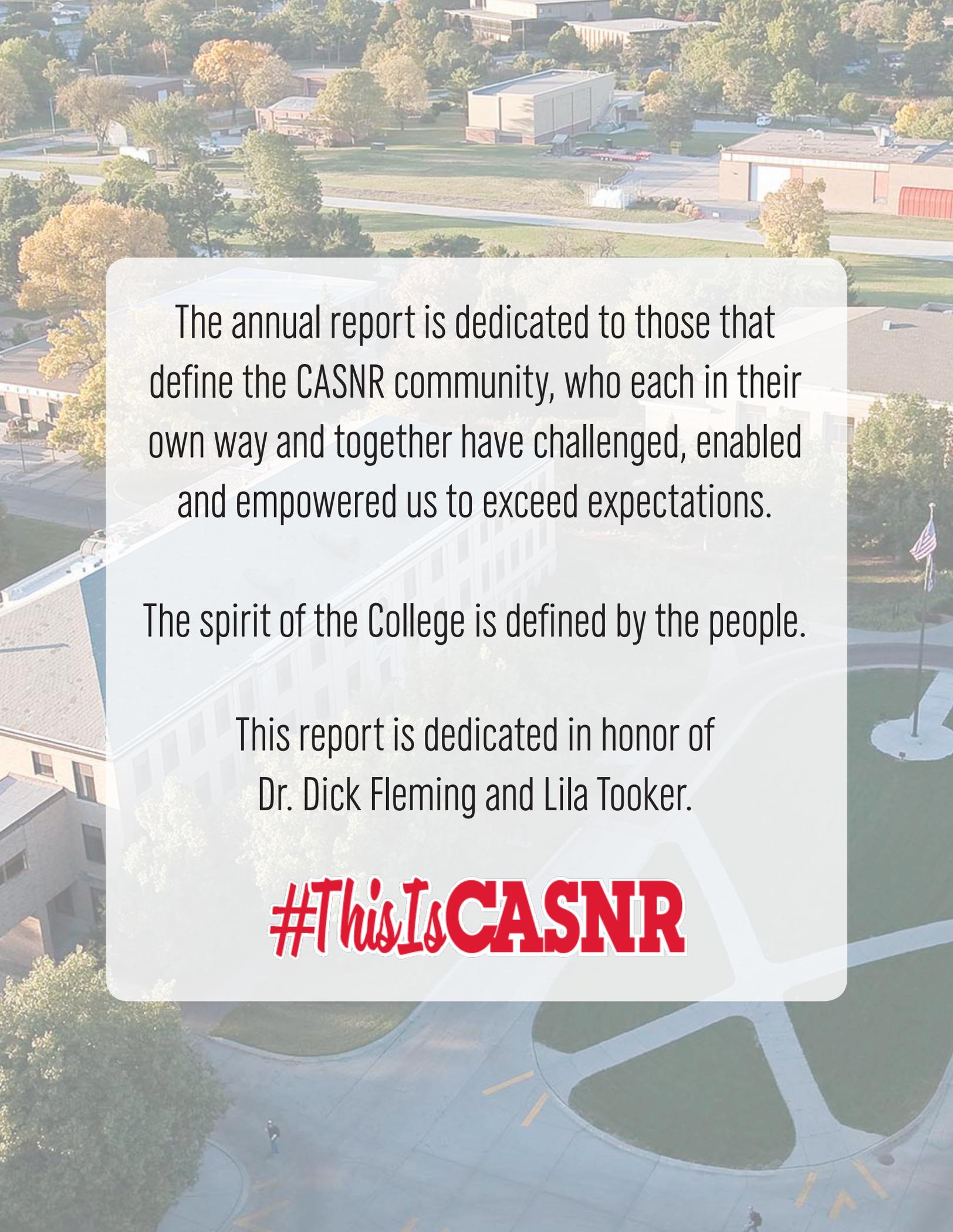
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IN OUR GRIT, OUR GLORY

WE ARE NEBRASKA.

**We believe in the power of every person. We don't rest on our strengths – we stretch them.
Sweat them. Combine them. Growing flexible, nimble and strong minds.**

That's how we do big things.



The annual report is dedicated to those that define the CASNR community, who each in their own way and together have challenged, enabled and empowered us to exceed expectations.

The spirit of the College is defined by the people.

This report is dedicated in honor of Dr. Dick Fleming and Lila Tooker.

***#ThisIs*CASNR**

Holistic Student Development Graduate Education

Student focused transformative models, diverse career pathways, experiential learning, and professional development opportunities

Transforming Graduate Education

**Degrees
Conferred**
Masters: 120
Doctoral: 59



VISION: Every graduate student is inspired and empowered to make a difference in a complex and diverse world.

“Pursuing my graduate degrees at UNL was the best educational decision I made. I worked with top-notch researchers and inspiring professors. I was fortunate to have a great committee that let me tailor my program and make it as integrated as I desired.
-Jorge Venegas, Ph.D., UNL Alumnus”



The shared mission of the Institute of Agriculture and Natural Resources' (IANR) faculty and staff is to prepare graduates whose leadership, discovery, and innovation shape society.

Our goals include:

- Individualized student experience for personal goals and professional growth of our graduate students.
- Holistic approach that integrates curriculum, research and discovery, experiential learning, and professional development that prepares students to pursue opportunities and solve challenges in Nebraska and beyond.
- Diverse experiences with and beyond the university community that develop global and inclusive mindsets and perspectives.

“The primary objective of graduate education is the education of students.
-Reshaping the Graduate Education of Scientists and Engineers, National Academy of Sciences, 2018”

MORE THAN
700

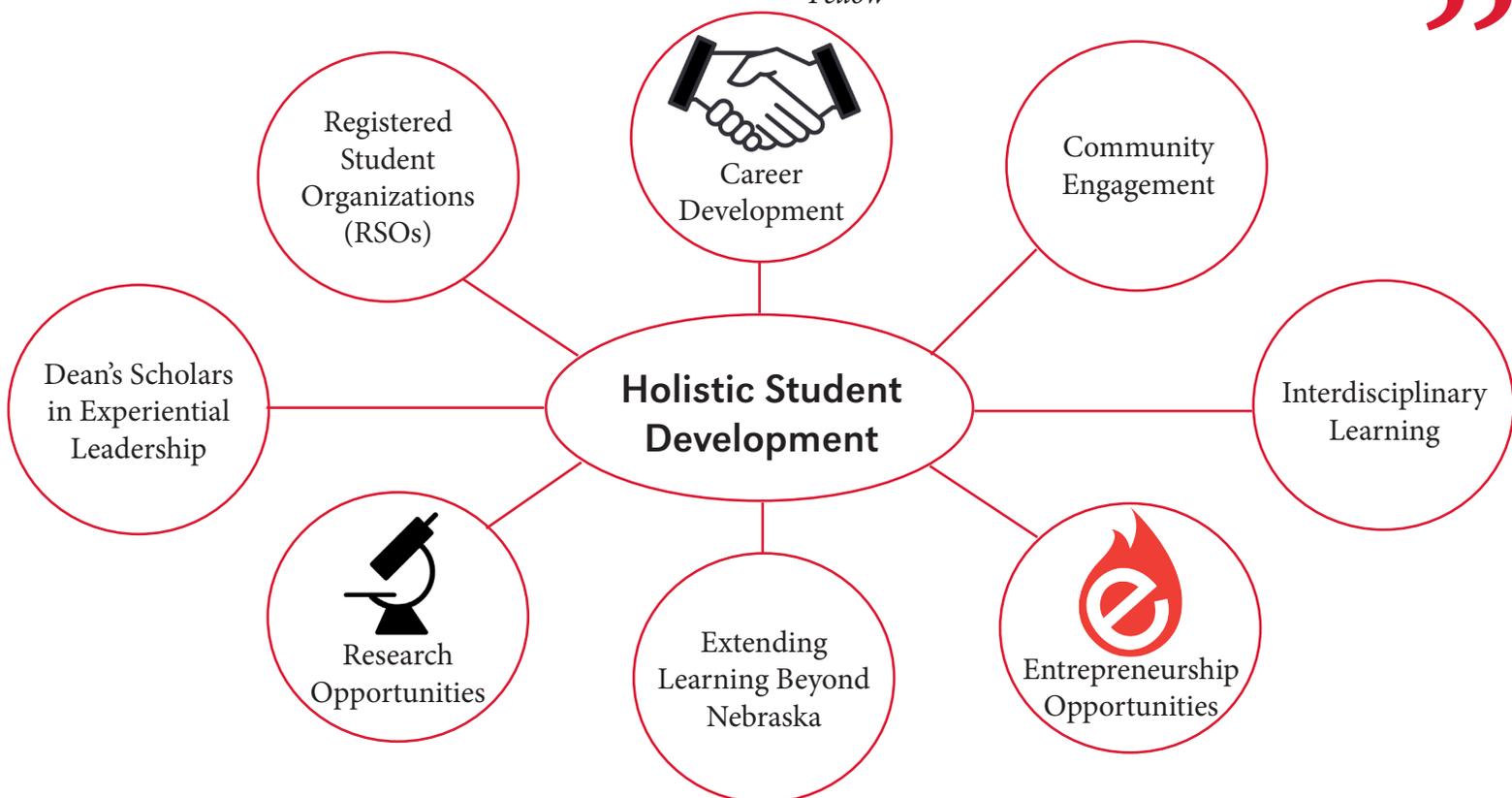
**Graduate and professional
students in CASNR**

Holistic Student Development Undergraduate Education

Linking our curricular, co-curricular, and experiential learning to prepare students for careers addressing complex global challenges

“ Streaming Science motivated me to push beyond just agricultural advocacy and look at all agricultural, environmental, and sustainable issues and how society can think open-mindedly and critically about these things.
-Catherine Jones, Streaming Science Student ”

“ Working on this capstone showed me that the University values students enough to put them in the driver’s seat of their learning. It has made my time here more meaningful and has motivated me to work harder, become more creative, and take ownership in my education.
-Joseph Brugger, Interdisciplinary Capstone Student Fellow ”



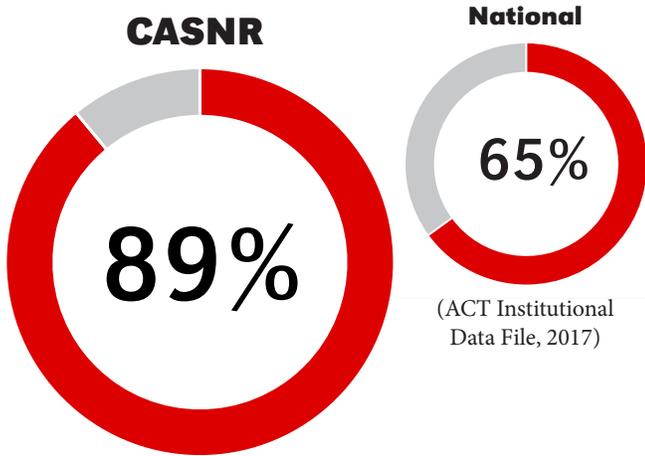
“ There is something extremely eye opening about making connections with people who live on the other side of the world, and something special about realizing how similar we are to people who don’t speak our same language.
-Parker Sundquist, Botswana Education Abroad Student ”

“ The guidance, support, and flexibility provided by the Engler Program and the University has helped prepare me for the next steps in my life, and have made me feel valued as a student and individual. The generosity of Mr. Paul Engler changed the way I look at my education.
-Grant Suddarth, Engler Agribusiness Entrepreneurship Program Student ”

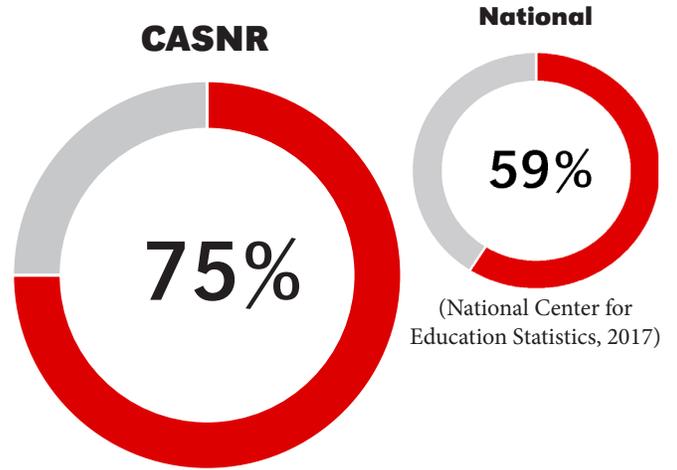
Demonstrating Undergraduate Student Success

CASNR boasts a very effective student success program, resulting in retention and matriculation rates well above national averages and high percentages of students securing their first job or continuing education after graduation

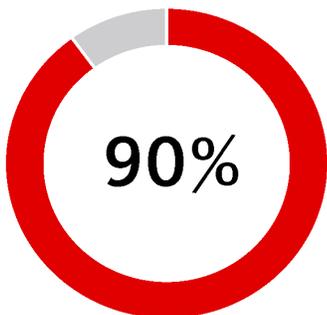
Retention Rate, 2017-18



Matriculation Success (6-year), 2017-18



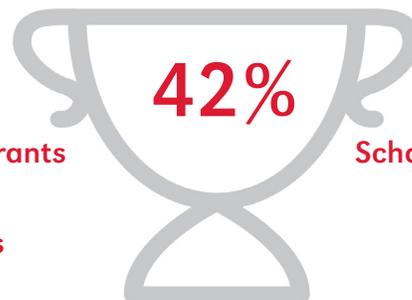
CASNR Placement Rate



(Based on Career Pathway Survey, 2017-18)

Percent of CASNR Students Receiving Scholarships and Grants, 2017-18

449
Scholarships and Grants
Given Through
Academic Units



534
Scholarships and Grants
Given Through
CASNR

Total amount: \$1,490,238

Commitment to Inclusive Excellence

An engaged community that creates a welcoming learning environment which leverages the diversity of our students, staff, and faculty to enhance the learning experience for all

Recruiting Diverse Learners



CULTIVATE ACCESS

A holistic mentoring and development program targeting high school women and minorities to increase their confidence in pursuing STEM careers.

High School Scholars.....	22
Rural Nebraska Communities Represented..	15
College Ambassadors.....	4
Industry Mentors.....	13



APPLIED PLANT SYSTEMS PROGRAM

CASNR positively influences students across the United States in agriculture and natural resources through science literacy projects focused on enabling an understanding of the sciences and discovering diverse career opportunities.

IANR Faculty Mentors.....	15
Federal Research Lab Mentors.....	6
Industry Mentors.....	2
Students to Date.....	14
Participants from Underrepresented Groups.....	5

Retention and Inclusivity Programming

CASNR Cares

One of a kind retention program that provides a first point of contact for students, faculty, staff, and parents with questions, concerns, or situations that may affect a student's well-being and educational experience.



Book Club

Over 80 students, faculty, and staff took advantage of the opportunity to read and discuss "The Boy Who Harnessed the Wind: Creating Currents of Electricity and Hope".

CASNR Start Smart

100% of CASNR incoming freshmen participated in this online, zero credit hour, orientation seminar designed to help them transition to the University successfully.



Diversity
is the one true
thing we all
have in common.

Celebrate
it every day!
-Winston Churchill

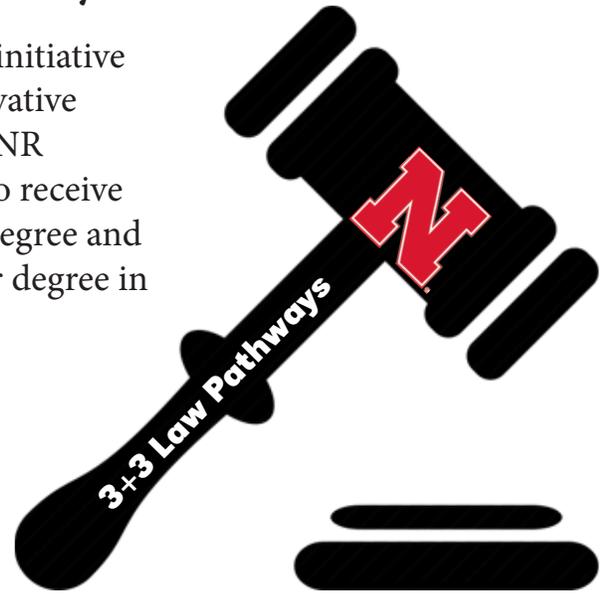
Leveraging Partnerships

Providing our students with an authentic educational experience by leveraging partnerships



3+3 Law Pathways

- This partnership initiative provides an innovative pathway for CASNR undergraduates to receive their Bachelor's degree and their Juris Doctor degree in six years.
- 3+3 Law Pathway Options:
 - Agribusiness
 - Agricultural Economics
 - Environmental Studies
 - Forensic Science



Developing the Future Generation of Leaders

- Nebraska Human Resources Institute (NHRI): The only strengths-based leadership mentoring program in the country
- 180 UNL Students + 180 Lincoln Public Schools Students = 360 students and 180 investment relationships annually

Power of Every Person

- Hours of student service learning engagement from ALEC 102: Interpersonal Skills
- Equal to \$126,000 of minimum-wage work



Nebraska and Beyond

Global community of learners impacting agriculture and natural resources at home and around the world



CUSP

- Through the CASNR Undergraduate Scholar Program (CUSP), CASNR is partnering with a private foundation and the Rwandan government to assist Rwanda in becoming a model for African agricultural development.
- A total of 105 CUSP Scholars were part of the CASNR Community for the 2017-18 academic year.



3 + 1 Food Science & Technology Dual Degree

- The "3+1" dual degree program is an international collaboration between the Department of Food Science and Technology and Northwest Agriculture and Forestry University (NWAUFU) in Yangling, China.
- For the first two years, students are taught by NWAUFU faculty in China. In the third year, UNL faculty teach in person in China, and in the fourth, students come to UNL.
- UNL faculty spent the 2017-18 academic year in China teaching the first cohort of students, which arrived at UNL in Fall 2018.

CASNR Education Abroad Programs



Global Network



My career path has wandered, but with a reassurance that the scientific inquiry, fascination and excellence IANR instilled into my character, is the same that can affect millions, and give direction to many uncertainties.

-Dr. Thomas Payne,
Head, CIMMYT Wheat
Germplasm Bank

Online Education

Undergraduate Degree Programs.....	1
Masters Programs.....	3
Graduate Certificates.....	5
Graduate Specializations.....	3
Courses.....	≈100

Dreams come true from Nebraska. From humble beginnings, I relied on my CASNR education to lay the groundwork for a successful career.

-Dr. Ikuo Kabashima, Governor of Kumamoto Prefecture



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