

DIVISION OF AGRICULTURAL SCIENCES AND NATURAL RESOURCES



A CASE FOR SUPPORT: THE GREENHOUSE LEARNING CENTER



DASNR's new Greenhouse Learning Center will prepare Oklahoma State University students to become active participants in the \$14 billion national horticulture industry. Here, they will learn real-world management and propagation of plant materials in modern facilities.

USDA: Horticulture in Oklahoma

ANNUAL
ECONOMIC IMPACT **\$150 MILLION**

3,000 OKLAHOMANS
WORK IN THE HORTICULTURE INDUSTRY

*Nationally, the **horticulture industry** accounts for **\$14 billion** in sales, and continues to grow rapidly.*

THE NEW GREENHOUSE LEARNING CENTER AT OSU

Oklahoma State University is building a modern Greenhouse Learning Center that will better prepare career-ready professionals to enter the horticulture industry.

It will include cutting-edge irrigation systems, intense climate and humidity control, and other technology standard in the horticulture industry.

Students will provide their communities with plants, cut flowers and food, bringing color and life to the world around them.

The new learning center will replace and improve functions of OSU's existing teaching greenhouses, creating a dynamic learning laboratory that supports modern pedagogy and industry best practices.

The Greenhouse Learning Center will primarily serve horticulture and landscape architecture students, however, those in agricultural education,

communications and leadership; plant and soil sciences; natural resources ecology and management; and entomology and plant pathology also will benefit from using the greenhouses.

The new facility will create opportunities for more robust Extension programs and better support existing curriculum. That includes the annual student-run plant sale, which give students hands-on experience at every stage of the business cycle for plant propagation, management and retail.

In addition to six greenhouses — including an isolated entomology greenhouse — the learning center head house will include a modern classroom, an office, a plant-prep area and ample storage for soil, equipment and chemicals such as fertilizer and pest-management materials. A large foyer may be used for events and student club meetings.



The Greenhouse Learning Center will create improved opportunities for teaching and Extension. The facility, which will include cutting-edge technology, classroom space and more, is depicted here in a conceptual rendering.



The university is expecting to break ground on the facility, which will be located north of the University Health Services building at Farm Road and Lincoln Street, in Spring of 2018 and begin operations in 2019.

The new Greenhouse Learning Center will aid the Division of Agricultural Sciences and Natural Resources in recruiting and retaining faculty and students, supporting industry relationships and growing its program to better prepare horticulture professionals.

Join us as we enhance horticulture education and Extension at Oklahoma State University!

“Agriculture and the horticulture industry in Oklahoma, and nationally, have been greatly enhanced by the graduates from Oklahoma State University. They are well-educated, diverse students who can think, make decisions, and make our companies and industry more successful.

We must invest in our companies to maintain or improve our success. So, too, must the university invest in facilities and programs that will enable students to become the next leaders in our industry.”



Randy Davis talks with *Oklahoma Gardening* host Casey Hentges during filming at Greenleaf Nursery.

— **Randy Davis**, President and CEO of Greenleaf Nursery, '76 CASNR graduate





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