National Corn-to-Ethanol Research Center

About NCERC

Located in University Park at Southern Illinois University Edwardsville, the National Corn-to-Ethanol Research Center (NCERC) is a nationally recognized research center dedicated to the commercialization of biofuels, biochemicals, biomaterials, and bioproducts.

For nearly 20 years, companies from across the globe come to the state of Illinois to perform research at the NCERC. This research has led to the generation of billions of dollars in annual revenue and thousands of jobs.



Research on Bio-Based Products

Breakthroughs in research through industrial biotechnology are finding exciting and novel ways to create sustainably-sourced consumer products.

These technologies, such as bioplastics, have the potential to replace countless fossil fuel derived products and will allow all consumers to have access to cleaner, greener products and fuel.



Fueling the Future

NCERC is currently performing research on isopentenol, an intermediate chemical that is made from corn and can be converted to a drop-in fuel for aircraft, allowing air travel to become more sustainable.

Research in light duty fuel continues as NCERC has expanded its research portfolio to include waste to biofuels, giving new meaning to "one's trash is another's treasure!"



Workforce Training

In addition to its research and development services, NCERC leverages its experienced staff and unique facility to host a variety of workforce training and education initiatives designed to train the next generation of bioeconomy professionals.

Whether a student is still in K-12 education, or finishing their PhD., NCERC offers programs for them to learn about biotechnology and prepare for an exciting career in a growing industry.





Learn about Biotechnology in the Greater St. Louis Area!

Schedule a group tour at the NCERC by contacting Director of Business Development Jackie Hayes at jhayes@ethanolresearch.com.

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Advancing Biorenewables Research