



EMPORIA STATE UNIVERSITY™

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JONES INSTITUTE FOR EDUCATIONAL EXCELLENCE
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MEDIA RELEASE

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Making Labs Meaningful

Did you ever have to do a lab experiment in high school science and not understand the concept? You're not alone. Most science courses contain lab components. However, research shows that the majority of these lab experiences are ineffective in changing student thinking and understanding about the concepts of science.

Over 30 educators from across Kansas visited Emporia to find ways to make those lab experiments more meaningful to students. Teachers attended the one-day workshop, "Making Labs Meaningful," presented October 29 at the Jones Institute for Educational Excellence at Emporia State University.

"We're looking at research to have labs reach students at a deeper level," said Kelly Deters, the workshop's presenter.

The workshop will be continued in an online format throughout the semester for additional support in implementation of the strategies introduced.

Deters is in her eighth year of teaching at Shawnee Heights High School and has taught a wide range of chemistry courses at both high school and college levels, including a chemistry class with an emphasis on art. She has presented at district, state and national levels on curriculum reform and inquiry lab techniques.

For more information, contact Bowling at mbowling@emporia.edu, or call 620-341-5672, or 1-877-378-5433.

Educators attending the conference included:

USD231, Gardner –
Amanda Lyman
Megan Shannon

USD253, Emporia –
Cathryn Bair
Brandi Miller

USD284, Cottonwood Falls –
Troy Johnson

USD421, Lyndon –
Kristin Kater
Elsie Stout

USD244, Burlington –
Mark Engel
Tim Johnson

USD259, Wichita –
Denise Scribner

USD323, St. George –
Kellie Milner
Ashley Smith

USD440, Halstead –
Duane Knoll
Adrienne Wedel

USD251, Americus –
Karen Heins
Jennifer Richmond

USD260, Derby –
Celeste Lindquist

USD330, Eskridge –
Deborah Van Cleave

USD450, Tecumseh –
Shannon Hansen

USD252, Hartford –
Lance Bolen
Monica Countryman
Martha McMurphy
Todd Robert

USD264, Clearwater –
Abbi Huber

USD339, Winchester –
Myra Hutchinson
Richard Leakey

USD503, Parsons –
Peggy Brecheisen
Rejeanne Gilkey
Adam Merrell

USD266, Maize –
Martin Shetlar
Angie Stockam

USD364, Marysville –
Linda K. Knott

USD267, Colwich –
Sharon Betzen
Sara Dansel

USD389, Eureka –
Stacey Hart

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