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DISCOVERY

The Student Journal of Dale Bumpers College of Agricultural, Food and Life Sciences

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Undergraduate Research Articles

<p>Mary Savin Faculty Editor</p> <p>Gail Halleck Managing Editor</p> <hr/> <p>Michael Vayda Dean Dale Bumpers College of Agricultural, Food and Life Sciences Associate Vice President–Academic Programs, University of Arkansas Division of Agriculture</p> <p>Lona J. Robertson Associate Dean for Academic Programs, Dale Bumpers College of Agricultural, Food and Life Sciences</p> <p>Clarence E. Watson Associate Vice-President for Agriculture–Research and Director Arkansas Agricultural Experiment Station University of Arkansas Division of Agriculture</p> <hr/> <p>DISCOVERY is published annually by the Dale Bumpers College of Agricultural, Food and Life Sciences. http://bumperscollege.uark.edu/</p>	<p>Impact of different handling styles (good vs. adverse) on growth performance, behavior, and cortisol concentrations in beef cattle <i>J. M. Bauer, E. B. Kegley, J. T. Richeson, D. L. Galloway, J. A. Hornsby, and J. L. Reynolds</i>3</p> <p>Visual Communications on the Road in Arkansas: Analysis of Secondary Students Videos <i>Stuart Estes, Kristin M. Pennington, and Leslie D. Edgar</i> 11</p> <p>The Arkansas Meat Goat Enterprise Budget <i>Jessica M. House and H. L. Goodwin Jr.</i>..... 17</p> <p>Milling Characteristics of High and Low Quality Rice <i>Alexandria C. Huck, Sarah B. Lanning, and Terry J. Siebenmorgen</i>28</p> <p>Invertebrate Abundances and Diversity of a Six Year Old Organic Apple Orchard in Northwest Arkansas <i>Cory Johnson, Brina Smith, and Mary C. Savin</i>38</p> <p>Female college students’ perception of self-image based on fashion magazine advertising <i>Olivia E. Merritt and Kathleen R. Smith</i>.....46</p> <p>Nutrition Knowledge of Pre-medical Students <i>Jennifer M. Newcome and Cynthia K. Moore</i>.....55</p> <p>Efficacies of fenbendazole and albendazole in the treatment of commercial turkeys artificially infected with <i>Ascaridia dissimilis</i> <i>Jessica Perkins, Thomas Yazwinski, and Chris Tucker</i>.....61</p> <p>Efficacy of a Novel Molecular Tool in Silencing Arabidopsis Genes <i>Joseph Chase Purnell, Vibha Srivastava, M. Aydin Akbudak, and Scott J. Nicholson</i>.....67</p> <p>The Effect of Natural Antioxidants on Conjugated Linoleic Acid Yield during the Photoisomerization of Soy Oil Linoleic Acid <i>Camille Schaffner and Andy Proctor</i> 76</p> <p>Effect of Chlorogenic Acid and Neochlorogenic Acid on Human Colon Cancer Cells <i>Taylor Thurow and Sun-Ok Lee</i>86</p> <p>The Evolution of Rural Farming in the Scottish Highlands and the Arkansas Delta: Investments and Inequalities <i>Madalyn Watkins and Lanier Nalley</i>.....94</p> <p><i>Instructions for Authors</i>..... 102</p>
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