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

Volume 16

Article 2

Fall 2015



**Discovery Editors** 

Follow this and additional works at: https://scholarworks.uark.edu/discoverymag

#### **Recommended** Citation

Editors, Discovery (2015) "Contents," *Discovery, The Student Journal of Dale Bumpers College of Agricultural, Food and Life Sciences.* University of Arkansas System Division of Agriculture. 16:1-2. Available at: https://scholarworks.uark.edu/discoverymag/vol16/iss1/2

This Front Matter is brought to you for free and open access by ScholarWorks@UARK. It has been accepted for inclusion in Discovery, The Student Journal of Dale Bumpers College of Agricultural, Food and Life Sciences by an authorized editor of ScholarWorks@UARK. For more information, please contact scholar@uark.edu, ccmiddle@uark.edu.

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

Vol. 16

**Mary Savin** Faculty Editor

Gail Halleck Managing Editor

Michael Vayda Dean Dale Bumpers College of Agricultural, Food and Life Sciences Associate Vice President–Academic Programs, University of Arkansas System Division of Agriculture

Lona J. Robertson Associate Dean for Academic Programs, Dale Bumpers College of Agricultural, Food and Life Sciences

Clarence E. Watson Associate Vice-President for Agriculture–Research and Director Arkansas Agricultural Experiment Station University of Arkansas System Division of Agriculture

Discovery is published annually by the Dale Bumpers College of Agricultural, Food and Life Sciences. http://bumperscollege.uark.edu/

The University of Arkansas System Division of Agriculture follows a nondiscriminatory policy in programs and employment.

### Contents

#### **Undergraduate Research Articles**

Habitat assessment and ecological restoration design for an unnamed tributary of Stone Dam Creek, Conway, Arkansas
Paige E. Boyle, Mary C. Savin, James A. McCarty, and Marty D. Matlock
The effect of turning frequency on in-vessel compost processing and quality <i>Paige E. Boyle, Mary C. Savin, and Lisa S. Wood</i>
Leadership in food policy: raising a foodie part II Ashlyn Cook, Amy Moorehead, and Kelly A. Way
The effect of breakfast protein source on postprandial hunger
and glucose response in normal weight and overweight young women Christina Crowder, Brianna L. Neumann, and Jamie I. Baum
Nutrient competition between algae and Juncus effusus in the
Lake Fayetteville artificial spiral wetlandToryn D. Jones and Thad Scott39
Maintaining a way of life: trials and tribulations of farmers' market families <i>Megan M. Lankford, Catherine W. Shoulders, Curt Rom,</i>
Jennie Popp, and Elena Garcia
Destination marketing organizations' stakeholders and best practices
Bonifacio Lopez Torres and Godwin-Charles Ogbeide
Conjugated linoleic acid-rich chocolate paste production and characterization
Sarah Mayfield, Davy Van de Walle, Claudia Delbaere, Sara E. Shinn, Andrew Proctor, Koen Dewettinck, and Ashok Patel
Use of endocrine and immune responses as predictors of bull sperm motility <i>Lydia M. Mitchener, Rick W. Rorie, Michael L. Looper, and Charles F. Rosenkrans</i>
Development of a nutrition education tool to reduce the risk of childhood obesity in a northwest Arkansas Hispanic population
Katherine G. Ross, Mallori C. Sando, Maria I. Barrenechea, and Cynthia K. Moore
Intake and digestibility of tall fescue supplemented with co-product feeds
Omega J. Sanders, Kenneth P. Coffey, Ashley N. Young, and Kristopher A. Bottoms





OF AGRICULTURAL, FOOD & LIFE SCIENCES

*Cover: Megan Lankford* works with her faculty mentor, Catherine Shoulders collecting data for her project, Maintaining a way of life: trials and tribulations of farmers' market families. Photo by Fred Miller.

Fall 2015

# DISCOVERY

The Student Journal of Dale Bumpers College of Agricultural, Food and Life Sciences Vol. 16 Fall 2015

#### **Editorial Board**

Nick Anthony Professor Department of Poultry Science nanthony@uark.edu

John R. Clark University Professor Department of Horticulture jrclark@uark.edu

Ashley P.G. Dowling Associate Professor Department of Entomology adowling@uark.edu

Leslie Edgar Assistant Dean for Student Programs for Bumpers College Associate Professor Department of Agricultural Education, Communications and Technology ledgar@uark.edu

**Don Johnson** Professor Department of Agricultural Education, Communications and Technology dmjohnso@uark.edu

Elizabeth B. Kegley Professor Department of Animal Science ekegley@uark.edu

Andy Proctor University Professor Department of Food Science aproctor@uark.edu

Thad Scott Associate Professor Department of Crop, Soil and Environmental Sciences jts004@uark.edu

Kathleen R. Smith

Assistant Director and Clinical Associate Professor Apparel Merchandising and Product Development School of Human and Environmental Sciences kasmith@uark.edu

#### Undergraduate Research Articles continued

Instructions for Authors
Bumpers College Students in Action
Matching missions: hunger relief programs and impact of food donation partners in Northwest Arkansas <i>Amy M. West and Jennie S. Popp</i>
Earthworm populations in a wheat-soybean double-crop system under seven years of established residue management practices <i>Jill E. Thomason, Mary Savin, Kristofor Brye, and Donn T. Johnson</i>
Impact of environmentally friendly packaging on consumers' attitudes and patronage intentions toward apparel retail brands <i>Madalyn M. Smith and Eunjoo Cho</i>