

STUDENT PRESENTATIONS

STUDENT & MENTOR

POSTER & ABSTRACT

Utilizing Computer Resources to Optimize Student Learning in the ANS 205 Laboratories

Kimberly L. Carren T-1
Teaching Mentor, Mitchell E. Hockett

Dichotomous Key of Fern Species

Sara M. Gibbs T-2
Teaching Mentor, Chad V. Jordan

Repetition of Biochemical Topics in CALS Courses

Emily A. Gifford T-3
Teaching Mentor, James A. Knopp

Impact on Student Performance on Exams after Implementation of a Supplemental Worksheet on Photosynthesis in Botany 200, Plant Life

Drew W. Hines T-4
Teaching Mentor, Chad V. Jordan

Development of an Allelopathy Experiment for the Plant Life Laboratory

Kyle A. Murrah T-5
Teaching Mentor, Chad V. Jordan

Oxygen Consumption in *Procambarus clarkii* as a Measure of Dissolved Oxygen: An Effective Student Laboratory Experiment?

Natalie M. Ramirez T-6
Teaching Mentor, John Godwin

Development of an Extended Laboratory Experiment for a Non-Majors Biology Laboratory

Paige M. Roe T-7
Teaching Mentor, Anita P. Flick

Teaching Methods for Apoptosis Using Various Disease Models
*Lia Amini, Ben Carr, Sarah Medearis, Beth Migliaccio, Mastafa Springston,
Erica Sickelbaugh, Joe Jackson, Mandy Womble, Beth Hall, and
Debbie Smith*.....T-8
Teaching Mentor, Clay Clark

Voices along Tobacco Road
*Cole Andrew, Allison Britton, Margaret Jane Freeman, Kyle Gazdeck,
Brittany Hoyle, Jayme Kemp, John M. Kepley, Amanda Langdon, Sarah
Mitchell and Melissa Wood*T-9
Teaching Mentor, Barry Croom

The Effects of Sleep Debt on College Students
*Ruba Beltaji, Rohit Bhandari, Maggie Carnes, Angela Delis, Mindy Hill,
Dana Hogg, Edwina Joe, Allisyn Kennedy, Kaitlyn Kennedy, Shane
McDaniel, Marlana Sheridan and Rebecca Wolf*.....T-10
Teaching Mentor, Herbert Underwood

Educating the NCSU Community Regarding Alternative Pork Production
*Kristina Bowles, Kristen Davis, Stacy Mabe, Scott Mathews and Caroline
Williams*T-11
Teaching Mentor, Sarah Ash

Radioisotopes: The Good, The Bad, and The Ugly
*Kirstin Bradley, Siddhi Gupta, Kiti Ho, Dan McKearney, Karen Payne,
Devin Perry, Katherine Saylor, Angela Stancil, Chase Thomas, Lindsey
Waugh, and Tiffany Wong*.....T-12
Teaching Mentor, James A. Knopp

Learning Experience in Topics Related to Global Warming
*Jamie D. Cash, Catherine F. Frock, Andrew B. Henry, Malory A. Herbold,
Branson P. Maynard, Stephanie M. Morgan, Atif T. Sheikh, and
Shequenta L. Wray*.....T-13
Teaching Mentor, William Hoffmann

**Redesigning Living Organisms to Survive on Mars: Development of
Radiation Resistant Plants**
*Nadia B. Hassounah, Germaine J. Siew, Heather L. Beveridge,
Stephen M. Fuchs, Katelyn J. Henderson, Katrina B. Levine, Kaitlin E.
McCormick, Bonnie F. Merrel, Olusegun A. Oyegunwa, Johanna M.
Schafer and Kellie Vinal*T-14
Teaching Mentors, Amy M. Grunden and Wendy F. Boss

1918 Influenza Pandemic

Ashton Mudd, Myra Fulp, Morgan Miller and Katherine Bridges.....T-15
Teaching Mentors, Jim Croom and Matthew Koci

An Investigation of Leptospirosis, a Global Zoonotic Disease

*Karoline White, Jeannie Zimmerman, Nikki Schweizer, Crystal Baker,
Lisa Whalen, Dorothy Horton, Ginny Moye, Nathan Harpe, Johnathan
Owen, Olivia Campbell, Alex McKenzie, Timothy Webster
and Scott Craddock*.....T-16
Teaching Mentor, Ken Esbenshade

Do You Know Where Your Food Comes From?

*Abby M. K. York, Courtney A. Parnell, Callie H. Thames, Catherine M.
Duszlak, Carly M. Rhyne, Eric C. Hsu, Jessica Nomina, Megan K. Poston,
Shawna C. Buerkle and Serena L. Clark*T-17
Teaching Mentor, Vivek Fellner

Analysis of Prevalent Canine Ailments from Greenville, North Carolina

Dorothy Horton.....T-18
Teaching Mentor, Kim Ange

Do Americans Do a Good Job Following the Dietary Guidelines?

Kelly C. Prettyman.....T-19
Teaching Mentor, Sarah Ash

**Reinforcing Concepts through On-line Resources: Supplemental Learning
Aids for Biology Laboratory Courses**

Joy H. Vonk.....T-20
Teaching Mentor, Miriam Ferzli