

# Student Presentations

## STUDENT & MENTOR

## POSTER & ABSTRACT #

### **What is too much and too little?**

T-1

*Amanda M. Adams, Nathan A. Bihlmeyer, Joseph Samuel Bircher, Emily S. Brune, Emilea D. Burton, Michael T. Cerretti, Andrew T. Chen, Priya B. Desai, Brianca J. German, Long C. H. Huynh, Ashley E. Mills, Monica D. Patel, Kimberly M. Pigford, Ashley E. Sells, Dana L. Senko, and Stephanie R. Williams*

Teaching Mentor, Russell J. Borski and William M. Johnstone

### **US Food Systems: America's Mood for Food**

T-2

*Tiffany Alemany, M. Janay Braxton, Lauren Canada-Smith, Reynolds Gray, Caroline Lea, Matthew Lechner, Lauren K. Mabry, Kyle Maddox, Tria Metzler, Angela Moore, Jennifer Schott, Amanda Stroud, Allison Thomas-Hollands, Natasha Vos, and Elizabeth A. Wemple*

Teaching Mentor, Vivek Fellner

### **Win If You Can, Lose If You Must, But Always Cheat: The Use of Performance-Enhancing Drugs in Sports**

T-3

*Alaina S. Alevizatos, Alyssa L. Carroll, Kareem C. Clark, Allene S. Cook, Rami R. Eltaraboulsi, Christopher R. Gray, Elizabeth M. Isak, I Wei Kan, Amarpreet Kaur, Roma S. Mislankar, Laura B. Pippitt, Michael P. Ransone, Jonathan W. Rash, Alicia C. Smith, and Ashley N. Solomon*

Teaching Mentor, Michael B. Goshe

### **Understanding the Plague: A Deadly Zoonosis**

T-4

*Andrew T. Allen, Margaret E. Anderson, Michelle A. Boettiger, Rebecca R. Brulet, Sarah M. Compton, Alicia M. Farin, Matthew T. George, Priya S. Gondhalekar, Leslie V. Herman, Paige A. Kimbrell, Matthew I. Mckinlay, Heather N. Moore, Rebecca L. Pareja, Chandni P. Patel, Shiquita J. Toney, and Everett Warren Jr.*

Teaching Mentor, Gerry Luginbuhl

### **Deadly Hemorrhagic Fever: An Investigation of the Ebola Virus**

T-5

*Katie V. Allen, Lauren A. Bola, Melissa A. Brewer, Hannah H. Freundlich A. Jama, Daniel L. Norris, Daniel R. Raymer, Sterling R. Schmidt, Kelsey R. Sherrill, Lauren K. Tribou, James M. Tyndall, Chandler A. Vis, Marie N. Waddles, Erin B. Wetherill, and Lindsay D. Wurtz*

Teaching Mentor, Gerry Luginbuhl

### **Analyzing Initial Preparedness of Students Entering BCH 451 Based on Organic Chemistry II Professors**

T-6

*Pooja J Apte and Karen A Payne*

Teaching Mentor, James A Knopp

- Global Seminar: An Inside Look** T-7  
*Margaret A. Baker, Rebecca F. Bishopric, Katherine M. Davis, Amy C. Doster, Sara E. Marino, Xiao J. Ni, and Tyler J. Parker*  
 Teaching Mentor, Gerry Luginbuhl and Barbara Kirby
- The factors influencing parental modeling of eating behaviors** T-8  
*Meredith B. Bradshaw, Sara D. Cohen, Brittany H. Denning, Brittany M. Griffin, Caroline L. Horosko, Polly S. Martin, Nyira L. Muhirwa, Aimee M. Nehiley, Jazma Y. Phelps, Zainab A. Riyami, Julie J. Steinberg, Sarah L. Stewart, Lea K. Tarleton, Elizabeth A. Wallace, and Christy R. Westbrook*  
 Teaching Mentor, Suzie Goodell
- Development of a Neurobiology Inquiry-Based Learning Module** T-9  
*Joseph L. Bundy, John A. Campbell Jr., Caroline J. Flannery, Allison C. Gilboy, Candace D. Jackson, Angela Kashyap, Maureen M. Kelly, Lacey B. Martin, Sapna R. Mehta, Tanvish S. Mody, Mihir K. Parikh, Hamish S. Patel, Nishant P. Shah, Sruthipriya Sridhar, and Stephanie A. Tamborini*  
 Teaching Mentor, Jane L. Lubischer
- Interactive Case Studies in Introductory Level Biology: Helping Students Learn Concepts** T-10  
*Angela Delis, Angela Stancil, and Tiffany Wong*  
 Teaching Mentor, Miriam Ferzli
- Increasing Nutrition Knowledge in Parents of Three-to-Five Year Old Children** T-11  
*Jenn Evans, Chiara Fagan, Olivia Glance, Libby Jones, Denise Wilbran, and Lauren Williams*  
 Teaching Mentor, Suzie Goodell
- Visual Aids and On-line Resources as Supplemental Learning Aids in Introductory Biology Courses** T-12  
*Brittany N. Hoyle, Margaret J. Freeman, and Melissa K. Wood*  
 Teaching Mentor, Miriam G. Ferzli
- A Framework for Teaching the Proximate and Ultimate Factors that Shape the Evolution of Complex Societies** T-13  
*Nicole Kitner, Lauren Kenyon, David Hurt, Brittny Farmer, Benjamin Quigley, Samantha Frady, and Maura Leonard*  
 Teaching Mentor, William A. Hoffmann
- Strategies for Increasing Calcium and Iron Availability in Crop Plants** T-14  
*Emma C. Lookabaugh, Carley DeVee, Mandesa Smith, Zeshma Durrani, Mary Fanous, Lauren Hysong, Giovanna Hernandez, Vicky Spisak, Elizabeth Price*  
 Teaching Mentor, Chad Jordan
- Investigation of Student Satisfaction in BIO 105: Biology in the Modern World** T-15  
*Bonnie F. Merrell and Mary M. Wilson*  
 Teaching Mentor, Robert Beckmann

<b>Biofuels</b>	<b>T-16</b>
<i>Melissa Mitchell, Austin Wood, Stacey Oliver, Stephen Perry, Matt Willson, Zach Gonzales, Megan McCarthy, Bhavin Trivedi, Holly Ramey, Blair Morton, Nikki Harris, Clay Foret, Wessley McKnight, Cade Thorne, and Shevon Barnes</i>	
Teaching Mentor, Jonathan Olson	
<b>Think Globally, Act Globally</b>	<b>T-17</b>
<i>Sindhu Ravishankar, Theresa R. Crowgey, Caitlin R. Daniels, and Rebecca E. Marion</i>	
Teaching Mentor, Gerry Luginbuhl and Barbara Kirby	
<b>Gender Differences in Performance in Principles of Biochemistry based on Bloom's Taxonomy of Question Difficulty</b>	<b>T-18</b>
<i>Caroline H. Bateman</i>	
Teaching Mentor, James A. Knopp	
<b>Student Satisfaction and Performance in a Plant Life Laboratory Based on Time of Day and Day of Week</b>	<b>T-19</b>
<i>Jamie B. Boyd</i>	
Teaching Mentor, Chad V. Jordan	
<b>Reflection and Discussion-Based Learning in World Population and Food Prospects</b>	<b>T-20</b>
<i>Natalie K. Cooke</i>	
Teaching Mentor, Bob P. Patterson	
<b>Enhancing Distance Education Learning Through Message Board Communication and Extra Practice Problem Sets in GN301</b>	<b>T-21</b>
<i>Allisyn L. Kennedy</i>	
Teaching Mentor, Betty Gardner	
<b>Implenting the Use of Brochures Generated From GN 301H Regarding Current Hot Topics In Genetics in Human Affairs Into the Classroom For Further Enrichment</b>	<b>T-22</b>
<i>Kaitlyn A. Kennedy</i>	
Teaching Mentor, Betty Gardner	
<b>Evaluation and Modification of Advanced Physiology Courses at NC State</b>	<b>T-23</b>
<i>Katrina B. Levine</i>	
Teaching Mentor, Lisa D. Parks	
<b>A Website with a Pictorial Guide to Help with Estimating Dietary Intake</b>	<b>T-24</b>
<i>Scott J. Matthews</i>	
Teaching Mentor, Sarah Ash	

- Oral Anatomy; Endodontic Treatments by studying anatomy, procedure and case studies.** T-25  
*Brandon P. Maynard*  
Teaching Mentor, Marta Jean Klesath
- An online learning resource for plant anatomy and morphology** T-26  
*Christopher S. McDaniel*  
Teaching Mentor, Chad V. Jordan
- The Effectiveness of Assessments for Distance Education Students in Introductory Biology** T-27  
*Sarah E. Mitchell*  
Teaching Mentor, Miriam Ferzli
- Improving Animal Anatomy and Physiology Laboratory Manual** T-28  
*Alison Mortensen*  
Teaching Mentor, Mary Beth Hawkins
- Students' Introduction to Service-Learning Classes and How They Choose to Continue Their Involvement in Service-Learning** T-29  
*Elizabeth A. Whalen*  
Teaching Mentor, Myra Moses
- Investigating Parasite Infestation in Weanling Aged Horses** T-30  
*Jeanne M. Zimmerman*  
Teaching Mentor, Paul D. Siciliano