

# STUDENT PRESENTATIONS

## STUDENT & MENTOR

## POSTER & ABSTRACT #

### **An Investigation of Avian Influenza Virus**

*Afreen Allam, Juste Buneviciute, Leslie Cheek, Emily Medlin,  
Alison Mortensen, Rushil Patel, Victor Saxena, Thomas Wells,  
and Samuel Willis* ..... T-1  
Teaching Mentor, Kenneth L. Esbenshade

### **The Secret Life of Rats**

*Jill D. Allison, Sara E. Rowell, Morgan L. Thomas, Ann C. Coulon-Johnson,  
Krysta M. Lindley, Wajiha S. Tariq, Alexandra N. Jay, Lillian C. Martin,  
and Joanna K. Davis* ..... T-2  
Teaching Mentor, D. Barry Croom

### **Biofilms**

*Ashley M. Anderson, Jared E. Chauncey, Whitney P. Chrisco,  
Natalie K. Cooke, Ginger E. Edwardsen, Stephanie N. Griffin,  
Matthew H. Overton, Warren M. Taylor, Alexander L. Tremont,  
and Kathryn J. Westfall* ..... T-3  
Teaching Mentor, Jonathan W. Olson

### **An Analysis of Procedures and Applications Relating to Transgenic Plants and Animals**

*Anisha Anthony, Pooja Apte, Jamie Boyd, Sindhu Chandramouleeswaran,  
Anushri Desai, Kelly Dew, Ryan Garrett, Sonam Patel, Ivey Rice, Monica Shah,  
Margaret Tyma, and Lindsey Wright* ..... T-4  
Teaching Mentor, Clay Clark

### **Creating Demand for Sustainable Agriculture in Wayne County through Education**

*Nicholas J. Armstrong, Ashton L. Ayers, Lauren E. Hahn, Destiny R. Wilson,  
Sarah E. Levinson, and Adell Lynette Perry* ..... T-5  
Teaching Mentor, Sarah Ash

### **Research on National Bio and Agro-Defense Facility Laboratory Proposed for Butner, North Carolina**

*Erin N. Bathurst, Geoffrey T. Broadhead, Rosemary L. Downing,  
Njideka N. Eluka, Joanna M. Huneycutt, Laura M. Mense, Ashleigh B. Pappadake,  
Holly E. Parkins, and Brynna E. Pink* ..... T-6  
Teaching Mentor, Gerry H. Luginbuhl

**Sex on the Brain: An Assessment of the Quality of Educational Resources on Wikipedia**

*Katherine Cooper, Kahlina Frey, Katherine Gleason, Kristina Kenney, Anthony Kulukulualani III, Tara-lynn Mercurio, Sumana Rallapalli, Francesca Suman, Lauren Wiggins, and Stephanie Williams* ..... T-7  
Teaching Mentor, Jane Lubischer

**Implementing Message Boards to Optimize Student Participation in the Distance Education Section of GN 301**

*Rachel C. Koontz* ..... T-8  
Teaching Mentor, Wendell H. McKenzie

**Integrating GN 301 Honors Brochures into the Genetics and Human Affairs Course to Expose Students to Current and Pertinent Genetics Issues of Today**

*Jessica L. Little* ..... T-9  
Teaching Mentor, Wendell H. McKenzie

**Nutrition and Genes: Behind the Scenes: Exploiting the Myths of Dietary Habits**

*Madeline Markunas, Katherine Allen, Laura Andrews, Katherine Carter, Maxwell N. Rudie, Norris Clark Hatcher IV, Vinita Patel, R. Allysa Stern, Briana Taylor, and Neeli Atyam* ..... T-10  
Teaching Mentor, D. Barry Croom

**Body Weight Perception among College Students**

*Kristin P. Marley* ..... T-11  
Teaching Mentor, Sarah Ash

**Performance-enhancing Drugs in Sports: It Is Only Cheating if You Get Caught**

*Mohammad B. Maroof, Caroline Schroeder, Matt Stillwagon, Jia Kim, Cindy Wang, Mark Dyson, Brandon Kent, Jeanne Chen, and Adam Whisnant* ..... T-12  
Teaching Mentor, Michael B. Goshe

**Gender Differences in Performance in Principles of Biochemistry Based on Bloom’s Taxonomy of Question Difficulty**

*Elizabeth L. Migliaccio and Omair L. Sheikh* ..... T-13  
Teaching Mentor, James A. Knopp

**Pictorial Guide to Assist with the Estimation of Dietary Intake for NTR 301**

*Ashton D. Mudd* ..... T-14  
Teaching Mentor, Sarah Ash

**Making a Movie on Climate Change**

*Leah R. Schaubach, Ben J. Cook, Erin J. Whitley, Danielle M. Cassel, Lindsey D. Mihalov, Andrew R. Bruner, and Michele K. Pendergast* ..... T-15  
Teaching Mentor, William A. Hoffmann

**Evaluating the Importance of Classroom Interaction**

*Laura L.Sims* ..... T-16  
Teaching Mentor, Barbara Thakor

**Might Genetics Education Influence Perspectives Regarding Contentious Topics?**

*Elizabeth E. Swicegood* ..... T-17  
Teaching Mentor, Wendell H. McKenzie

**Redesigning the Introductory Biology (BIO 181) Laboratory Course**

*Joseph A. Thomas and Jason D. Green* ..... T-18  
Teaching Mentor, Marianne Niedzlek-Feaver