



Posters: Biology, Integrated Environmental Science, Social Work, Education and Special Education, and Health, Recreation, and Kinesiology

1:45-2:45PM, Blackwell Ballroom

Poster Numbers 1- 16: Biology 250 (Faculty Mentors: Dr. Dale Beach and Dr. Consuelo Alvarez)

McKenzie Johnson, Jess Cagnina, "Isolation and Identification of Environmental Yeast Strains"

Antonio Robertson, Hunter Gillespie, "Isolation and Identification of Environmental Yeast Strains"

Megan Barnard, Terika Williams, "Isolation and Identification of Environmental Yeast Strains"

Alice Lomeling, Amber Green, "Isolation and Identification of Environmental Yeast Strains"

Ariana Olds, Samantha Morris, "The Identification and Isolation of Environmental Yeast"

Kelsey Thornton, Cody Gouyer, "Isolation & Identification of Environmental Yeast Strains"

Raquel A. Perez, LaQuinta Pace, "The yeast diversity effect from different temperatures"

Eric Lewis, Doron Adu-Gyamfi, "Isolation and Identification of Environmental Yeasts"

Haley Bresnahan, Spencer Peeples, "Isolation and identification of environmental yeast strains"

Brandi Joyner, Chloe Finlay, "Isolation and Identification of Environmental Yeast Strains"

Ted Gutches, Juan Patino, "The presence of yeast in the garbage containers of Dorrill Dining Hall"

Dori Tignor, Abigail Harris, "Yeast Species Identification on Grocery Store Strawberries"

Kathryn Bates, Emmie Jefferson, "You are what you eat: Wild Yeast from Sourdough Bread Starter"

Makayla Davis, Cole Milliron, "Identifying Yeast Species in Soil from Lancer Park's Forest Habitat"

Carrie Zimmerman, Christina Amoruso, Sarah Dooley, "Isolating and Identifying Wild Yeast on Strawberries"

Poster Numbers 17- 23: Biology 450 (Faculty Mentor: Dr. Amorette Barber)

Jessica Daugherty, Morgan Perkins, Jazmyn Dennis, "The Effects of HPV and Estrogen on Cervical Cancer"

Taryn Kowal, Sep Harandi, Andrea Soles, Rex Liggon, “Comparison of the Interaction of BPA and BGF on Androgen Receptors in Murine Prostate Cancer Cells”

Kari Stokes, Paula Amburgey, Kameron Fradette, Lauren Matthews, “The Effects of Cytokines on Estrogen Levels in Uterine Cancer”

Katy Kosiorek, Ellie Richardson, Deanna Di Silvio, Geoff Parriott, “The Efficacy of Cannabinoids in Decreasing Growth and Angiogenesis in Murine Glioblastoma Cells”

Meagan St. John, Kaitlyn Marston, Hastings Williamson, Angelica Romero, “Prevention of chronic inflammation induced ovarian cancer using NSAIDs”

Zach Sergi, “Hyperthermia and chemotherapy using Fe(Salen) nanoparticles might impact glioblastoma treatment in canine models

Poster Numbers 24- 35: Biology 330 (Faculty Mentor: Dr. Mark Fink)

Brittney Beazley, Hannah Johnson, Jonathan Milisci, “How does global warming and ocean acidification impact the health of coral reefs and its surrounding ecosystem?”

William Kish, Michael Pagliuca, “Environmental Assessment of Invasive Snake Species”

Andrea Soles, Nikki Copenhaver, “How is the population density of the Florida Panther affected by human activity?”

Maddie Sodikoff, Deanna Di Silvio, “The Palm Oil Industry in Indonesia and its Effects on Species and Habitats”

Kyrsten Gage, Kirsten Cornwell, “Effects of Climate Change on Sea Turtles”

Colin Dominick, Hosam Abdelrahman, “Chytrid Fungus in Amphibians”

Tiffany Yun, Hastings Williamson, “The Effects of Climate Change on Breeding and Fasting of Polar Bears”

Morgan Karnes, Elizabeth Hayden, “Quantifying Risk Factors of Sharks in Different Regions of the World”

Sepehr Harandi, Emery, “Which animals are more at risk in the open of the Brazilian rainforest”

Stewart Beaumont, Blake Haymore, “Differences in Coral Bleaching Rates”

Kaitlyn Marston, Victoria Acosta, “Recovery of the Saimaa Ringed Seal”

Poster Numbers 36-37: Special Education 202 (Faculty Mentor: Dr. Aftab Khan)

Devin Koehne, Anna Keating, “Programs for Tier Three RTI Model”

Poster Numbers 38-69: Education 433 (Faculty Mentors: Dr. Evan Long and Dr. Patti Hastings)

Megan Amsler, “Math Interventions for 6th Grade”

Meredith Bennett, “Data-driven Intervention in Math”

Elizabeth Farruggio, “Finding and Fixing Error Patterns in Elementary Mathematics”

Megan Gunn, “Math Magician: Erasing Errors in Elementary Mathematics”

Jenna Hamlett, “Case Study of a Successful Data-driven Intervention in Elementary Mathematics”

Brenna Kinzel, “21st Century Teaching in Elementary Mathematics”

Mallory Martin, “On Children's Mathematical Reasoning: Data-driven Diagnosis and Intervention in Elementary Mathematics”

Christina Matzke, “Numbers and Newbies: Data-driven Interventions in Elementary Math Settings”

Kayley Mihelic, “First Rate Solutions for First Grade Problems: My Data-driven Math Intervention”

Grace Reynolds, “Error Patterns in Elementary School: Reflections on my Intervention”

Kristen Sarver, “My IADDIM Project: Lessons Learned from an Intensive Mathematics Intervention”

Sarah Stech, “Making Math Less Murky: Results from a Data-driven Intervention”

Cassidy Taber, “Math Teacher to the Rescue: Diagnostic and Intervention Tools in Elementary Schools”

Allison Hynson, “IADDIM”

Charlotte Edmonds, “Elementary Math, Science, and Social Studies Methods”

Kahla Mawyer, “Elementary Mathematics Science & Social Studies”

Meagan Shuford, “IADDIM”

Kylie Embrey, “Elementary Math, Science, and Social Studies Methods”

Virginia Colvin, “IADDIM”

Hunter Hogan, “Education Practicum Application/ Education Social”

Annabelle Harlowe, “IADDIM”

Bailey Rice, “IADDIM”

Kailey Craddock, “IADDIM”

Allie Pompeo, “4th Grade Mathematics Research”

Gabrianna Cook, “IADDIM”

Alexandra Graham, “Elementary Math, Science, and Social Studies Methods”

Sara Keaton Gregory, “IADDIM”

Hailey Dillard, “IADDIM”

Caitlin Coates, “IADDIM”

Poster Numbers 70-74: Kinesiology 470 (Faculty Mentor: Dr. Troy Purdom)

Tiffani Phillips, Kathleen McGovern, Kyra Horlock, “The effects of plyometric exercise on maximal vertical jump height in recreationally trained female athletes”

Cody Bell, Hannah Foster, Brianna Kelly, Doug Buchanan, “Characteristics of Music’s Effect on Aerobic Exercise Distance”

Krystal Franklin, Ashleigh Bielen, Morgan McGrath, “The effects of squat jumps on anaerobic power in recreationally trained male volleyball players”

Jake Giles, Tristan Wind, Carter Leake, Sam Yardley, “The relationship between creatine supplementation and high-intensity exercise on cognitive performance”

Poster Numbers 75-78: Social Work 320 (Faculty Mentor: Dr. Teresa Reynolds and Dr. Ian Danielsen)

Arin Young, “The Effect of Natural Disasters on the Mental Health of Human Service Workers”

Nathan Jay Everson Jr., “The parallels between domestic violence and parenting styles”

Amanda Phillips, “Abuse and neglect of the vulnerable: the correlation between elder abuse and neglect living in low socio-economic status”

Poster Numbers 79-80: Integrated Environmental Science 201 (Faculty Mentor: Dr. Ken Fortino)

Kirsten Gough, Hunter Ratliff, “The Effect of Structure on Fish Density”

Braxton Harrup, Natalie McNeal, Adonel Grubb, “The effect of land use on tree density and size”