Salisbury UNIVERSITY

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OFFICE OF UNDERGRADUATE RESEARCH & CREATIVE ACTIVITY

SUMMER STUDENT RESEARCH SHOWCASE

THURSDAY, AUGUST 31, 2023 | 3:30-5 P.M.

GUERRIERI ACADEMIC COMMONS, ASSEMBLY HALL

Sponsored by the Office of Undergraduate Research and Creative Activity

PROGRAM

3:30-3:45 p.m. **Welcome and Opening Remarks**

Dr. Clifton Griffin, *Dean of Graduate Studies and Research*

Dr. Laurie Couch, *Provost and Senior Vice President of Academic Affairs*

Dr. Carolyn Ringer Lepre, *Salisbury University President*

3:45-5 p.m. **Poster Session**

SU is an Equal Opportunity/AA/Title IX university and provides reasonable accommodation given sufficient notice to the University office or staff sponsoring the event or program.
For more information regarding SU's policies and procedures, please visit salisbury.edu/equity.

POSTER PRESENTATIONS

1. An Exploration of U.S. School Library Media Specialists' Beliefs About and Implementation of Culturally Responsive Teaching

Rebekah Davis-Slade
Faculty Mentor: Dr. Maida Finch

2. Accommodation Time: How Accommodations Are Understood in College Classrooms

Hunter Whitt
Faculty Mentor: Dr. Carolyne King

3. Exploring the DEI of High School Robotics Programs

Corey Philips
Faculty Mentor: Dr. Jiacheng Cai

4. "We are Trying to Understand": Exploring the English Literacy Development of Linguistically Diverse Sixth Grade Readers Using Retrospective Miscue Analysis.

Patricia E. Rainer
Faculty Mentors: Dr. Koomi Kim and Dr. Heather Porter

5. Mindfulness Breaks and their Effect on Memory Retention and Testing Anxiety in Children

Hannah Louden
Faculty Mentor: Dr. Echo Leaver

6. Group Selfies, Post-COVID Social Anxiety, and Classroom Community in a First-Year Writing Classroom

Jeff Dean
Faculty Mentors: Dr. Carolyne King and Dr. Melissa Bugdal

7. Is COVID-19 Causing a Shift in Socioemotional Goals in Younger and Older Adults?

Willxi Alvarez
Faculty Mentor: Dr. Echo Leaver

8. Life Experiences of Emerging Adults: An Interview Study

Anna Martindill
Faculty Mentor: Dr. Deeya Mitra

9. Conformity to Masculine Norms at Salisbury University

Kalyn Ciriaco
Faculty Mentor: Dr. Diane Illig

10. Gaining Insights on Race Through Qualitative Research

Saya Fernandes
Faculty Mentor: Dr. Yuki Okubo

11. Exploration and Knowledge of Qualitative Research

Rochelle Brown
Faculty Mentor: Dr. Yuki Okubo

12. My Learning of Qualitative Research and Racial Dialogues
Joanna Mason
Faculty Mentor: Dr. Yuki Okubo

13. The Media and Gun Violence
Megan M. Card
Faculty Mentor: Dr. Echo Leaver

14. Headstrong: Analyzing the Correlations Between Sub-Concussive Head Injury and Balance, Depression, and Cognition in Collision and Contact Sports
Catherine Milligan
Faculty Mentor: Dr. Echo Leaver

15. Care and Consciousness: Environmental Philosophies
Lily Christiana
Faculty Mentor: Dr. Shane Hall

16. Impacts of Hyperglycemia on Optic Nerve Integrity in Larval Zebrafish
Virginia Murray
Faculty Mentor: Dr. Jessica Clark

17. Hyperglycemia Impacts the Critical Period Necessary for Normal Vertebral Development in Danio rerio
Brianna Esker
Faculty Mentor: Dr. Jessica Clarko

18. How Does Lynx canadensis' Environment Affect Fecal Cortisol Metabolites
Jordyn Young
Faculty Mentor: Dr. Angela Freeman

19. Blue Catfish (Ictalurus furcatus) Skull Morphology Over Ontogeny in the Nanticoke River
Blake Brown
Faculty Mentor: Dr. Noah Bressman

20. Importance of Marshes for Bat Foraging Habitat and Diversity
Jeromy Green
Faculty Mentor: Dr. Aaron Hogue

21. The Return of Insect Diversity to Poplar Island, a Restored Marsh Habitat
Eve Watsky
Faculty Mentor: Dr. Xuan Chen

22. Evaluating the Impacts of Near-Shore Land Usage on Aquatic Nutrient Profiles
Ellie Welsh
Faculty Mentors: Dr. Jennifer Nyland and Dr. Christina Bradley

23. It Is a Bird Eat Bird World: Potential Differences in Diets of Red vs. Grey Eastern Screech Owls
Lillian Fooks
Faculty Mentor: Dr. Eric Liebgold

24. SU's Bird Garden: Creating an Educational, Bird-Focused Garden for Campus and Community Involvement

Alexandra Lipinski
Faculty Mentor: Dr. Jeremy Corfield

25. Scarab Biodiversity in Urban Environments

Philip Becnel
Faculty Mentor: Dr. Dana Price

26. Diet Preferences of Dung Beetles (Coleoptera: Scarabaeidae and Geotrupidae) and the Potential Mammal-Beetle Associations

Kendall Beauchamp
Faculty Mentor: Dr. Dana Price

27. How a Sensory Complex Multi-Modal Environment Can Lead to Maladaptive Decision Making in the Tungara Frog in Panama.

Korbin Reynolds
Faculty Mentors: Dr. Ryan Taylor, Dr. Kimberly Hunter, and Dr. Andrea Presotto

28. Developing a Lab-Based Rearing Protocol for Berghia stephanieae

Jenna Estok
Faculty Mentor: Dr. Christina Bradley

29. Morphometric Analysis of Blue Crab (Callinectes sapidus) Growth in Optimal and Increased Alkaline Conditions

Samuel Pincus
Faculty Mentor: Dr. Christina Bradley

30. Strengthening p53 Structural Stability Through Ligand Binding Interactions for Tumor Imaging and Ablation

Min Thway Khant
Faculty Mentor: Dr. Joshua Sokoloski

31. Teaching Astronomy Topics via Astrophotography at a Low Learning Level

Matt Wilson
Faculty Mentor: Dr. Jeffrey Emmert

32. Parallelizing the Stable Matching Problem

Stephora Cesar-Alberi
Faculty Mentor: Dr. Enyue Lu

33. On Curve Neighborhoods

Connor Bean and Caleb Shank
Faculty Mentor: Dr. Ryan Shifler

34. Geometric Distribution of Order r

Danielle Jensen
Faculty Mentor: Dr. Veera Holdai