

SALISBURY UNIVERSITY

Student Research Conference



salisbury.edu/susrc

Perdue Hall and Guerrieri Academic Commons
more info at : salisbury.edu/susrc

Friday, April 17, 2026 | 12:30 p.m. to 7:30 p.m.
Submission Deadline: March 15, 2026

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.

24th Annual Salisbury University Student Research Conference Friday, April 17th, 2026

Conference Outline

Registration	Perdue Hall	12:30 p.m. - 4:00 p.m.
Oral Presentation	Perdue Hall	1:30 p.m. - 4:20 p.m.

Session 1: 1:30 p.m. - 2:50 p.m.

<u>Panel</u>	<u>Room</u>
A1	PH 151
B1	PH 156
C1	PH 274
D1	PH 275

Oral Research Presentations

<u>Title</u>
Mathematics and Physics
Geography and Geosciences and Computer Science
Chemistry and Environmental Studies I
Psychology

Session 2: 3:00 p.m. - 4:20 p.m.

<u>Panel</u>	<u>Room</u>
A2	PH 151
B2	PH 156
C2	PH 274
D2	PH 275

Oral Research Presentations

<u>Title</u>
Environmental Studies II and Sociology
Economics and Information Systems
History and Political Science
Health Science and Clarke Honors College

Poster Presentation	Guerrieri Academic Commons, 4th Floor Assembly Hall	
Welcome with Opening Remarks & Outstanding Research Mentor Award		6:00 p.m. - 6:30 p.m.
Poster Presentations & Refreshments		6:30 p.m. - 7:30 p.m.

The Registration & Information table will be open:

12:30 p.m. - 4:00 p.m. Perdue Hall Lobby

5:00 p.m. - 6:00 p.m. Guerrieri Academic Commons, 4th Floor Assembly Hall

Registration ***Perdue Hall Lobby 12:30 p.m. - 4:00 p.m.***

(Presenters need to register one hour before their presentation session)

Information Table Volunteers:

Pre-sessions (Perdue Hall): 12:30 p.m. - 1:30 p.m.

Kimberly Fabbri-Greener, Career Services

Jaime Parker, Human Resources

Ruwan Adikaram, Perdue School

Session 1 (Perdue Hall): 1:30 p.m. - 3:00 p.m.

Kelly Cowger, Academic Affairs/Student Affairs

Shannon James, Registrar's Office

Session 2 (Perdue Hall): 3:00 p.m. - 4:00 p.m.

Jenn Nyland, Biology and Honors

Dean Ravizza, Secondary and Physical Education

A1 Mathematics and Physics

Moderator: Christina Camillo

- 1:30 - 1:45 **Anderson Localization in the Non-Hermitian SSH Model**
Stephen Barr
 Faculty Mentor: Jeffrey Emmert, Physics
- 1:50 - 2:05 **Design and Construction of a Diffusion Cloud Chamber for the Visualization of Ionizing Radiation**
Andrew King
 Faculty Mentor: Jeffrey Emmert, Physics
- 2:10 - 2:25 **Boundary Conditions and the Invertibility of Linear Finite Dynamical Systems**
Sean Shockley, Jr.
 Faculty Mentor: Michael Bardzell, Mathematics
- 2:30 - 2:45 **Space Mining Insurance Program - Society of Actuaries 2026 International Student Research Case Study Challenge Report**
An Nguyen, Julia Zappacosta, Brice Salazar-Calderon, Mike Prozzoly
 Faculty Mentor: Jiacheng Cai, Mathematics

B1 Geography and Geosciences and Computer Science

Moderator: Kristen Walton

- 1:30 - 1:45 **Inside Out: Building Salisbury University's Digital Twin with Drones and 360° Cameras**
Rustin Newbold
 Faculty Mentor: Wataru Morioka & Daniel Harris, Geography and Geosciences
- 1:50 - 2:05 **Does Location Matter? The Impact of Environmental and Socioeconomic Variables on Life Expectancy Across 40 Selected U.S. Counties**
Caitlin Snider, Heather L. Sweeney, Andrew Brower
 Faculty Mentor: Mara Chen, Geography and Geosciences & Veera Holdai, Mathematics
- 2:10 - 2:25 **Easydash**
Layla Phipps, Emilee Breckenridge, Thaddeus Versteegen, Connor Daily
 Faculty Mentor: Arthur Lembo, Geography and Geosciences
- 2:30 - 2:45 **GullHacks 2026: Launching Salisbury University's First Intercollegiate Hackathon**
Diego Zane, Shaun Hoffmann
 Faculty Mentor: Sang-Eon Park, Computer Science

C1 Chemistry and Environmental Studies I

Moderator: Mia Waldron

- 1:30 - 1:45 **Communicating Marsh Migration: Improving Landowner Interpretation of GIS Models**
Peter Coenen
 Faculty Mentor: Shane Hall, Environmental Studies
- 1:50 - 2:05 **Beyond the Rayleigh Limit: Predicting How Much Charge a Particle Can Hold**
Cleo McLaughlin
 Faculty Mentor: David Keifer, Chemistry

- 2:10 - 2:25 **Determining the Effect of pH and Ionic Strength on the Binding Stoichiometry for Carminic Acid Based Lake Pigments**
Taina Paige
 Faculty Mentor: Jessica Heimann, Chemistry
- 2:30 - 2:45 **Tribal Voices and the Politics of Public Land**
Rachel Wyland
 Faculty Mentor: Michael Lewis, Environmental Studies

D1 Psychology

Moderator: Meghan East

- 1:30 - 1:45 **“We’re Doing Time With Them:” Experiences of Mothers with Incarcerated Children**
Addison Crowder, Kiley DiCintio, Lilly Williams
 Faculty Mentor: Michele Schlehofer, Psychology
- 1:50 - 2:05 **Friendship Across Identities: Understanding Social Networks in College**
Jenny Timbane, Hannah Shofner, Lilly Higdon, Moe Collins
 Faculty Mentor: Rachel Steele, Psychology
- 2:10 - 2:25 **Living Between Worlds: Double Consciousness and Biracial Americans in Racial Conversations**
Kaliyah Little, Alexis Davis
 Faculty Mentor: Yuki Okubo, Psychology
- 2:30 - 2:45 **I Think Therefore I Am: A Deep Dive into Music’s Influence on Identity Formation**
Julliana Timbane
 Faculty Mentor: Lance Garmon, Psychology

▪ **Second Oral Session**

3:00 p.m. - 4:20 p.m.

A2 Environmental Studies II

Moderator: Teresa Niblett

- 3:00 - 3:15 **Mapping Nonprofit Career Pathways in Delmarva's Green Economy**
Lauren Imhof
 Faculty Mentor: Shane Hall, Environmental Studies
- 3:20 - 3:35 **Maryland's Housing Agenda: Policy Previews**
Jeremy Mercado
 Faculty Mentor: Michael Lewis, Environmental Studies
- 3:40 - 3:55 **The Off-Grid Lifestyle: Mentality, Actions, and Well-being of Off-Grid Individuals**
Gwyneth Rhudy
 Faculty Mentor: Ryan Sporer, Sociology
- 4:00 - 4:15 **Worth More: Environmental Inequities in Baltimore City Public Schools**
Keegan Taylor
 Faculty Mentor: Shane Hall, Environmental Studies

B2 Economics and Information Systems

Moderator: Susan Mahoney

- 3:00 - 3:15 **Economic Valuation of Nature: An Analysis of the Lyrics and Song Success of Noah Kahan**
Eric Augustine
 Faculty Mentor: Lauren Villalobos, Economics

- 3:20 - 3:35 **Does Digital Accessibility Improve Disability Inclusion Infrastructure and Resource Outcomes at USM Universities?**
Jannatul Ferdouse
 Faculty Mentor: Yuqi Peng, Information Systems and Operations Management
- 3:40 - 3:55 **Looking for Correlation: Comparing Plastic Bag Bans and Fees with County-Level Plastic Recycling, in Maryland**
Kalib Megee
 Faculty Mentor: Lauren Villalobos, Economics
- 4:00 - 4:15 **The K-Shaped Economy and the Efficacy of Interest Rate Hikes**
Madden Mullaney
 Faculty Mentor: Ying Wu, Economics

C2 History and Political Science

Moderator: Eun-Jeong Han

- 3:00 - 3:15 **Chinese Imperialism and British Colonial Attitudes: How Kowtow Shaped the Beginning of the First Opium War**
Cate Kerchner
 Faculty Mentor: Kristen Walton, History
- 3:20 - 3:35 **The Human Costs of Immigration Detention Post 9/11**
Leah Letterman
 Faculty Mentor: Elizabeth Ragan, Anthropology
- 3:40 - 3:55 **Strong States, Violent Politics: State Capacity and the Construction of Terrorism**
Theo Marroquin-Gamez
 Faculty Mentor: Eric Rittinger, Political Science
- 4:00 - 4:15 **The Northern Irish Troubles: The Escalation to Violence**
Megan Stoll
 Faculty Mentor: Kristen Walton, History

D2 Health Science and Clarke Honors College

Moderator: Erin Weber

- 3:00 - 3:15 **You First**
Robert Kesselring
 Faculty Mentor: Gregory Chown, Leslie Swift, Health Science
- 3:20 - 3:35 **Kick the Clouds Away**
Sara Noojin, Jalen Hammond, Madison Lybarger, Allison Bobele
 Faculty Mentor: Ryan Weaver, Interdisciplinary Studies
- 3:40 - 3:55 **The Weight of Leadership: Sustaining Student Leaders in Higher Education**
Jahnaiya Sutherland
 Faculty Mentor: Andrew Martino, Clarke Honors College
- 4:00 - 4:15 **Spanish Language Proficiency and Cultural Competency: Preparing Social Work Majors at Salisbury University to Better Serve Hispanic School-Aged Immigrants**
Leah Wiener
 Faculty Mentor: Viktoria Basham, Clarke Honors College

Welcome with Opening Remarks

6:00 p.m. - 6:30 p.m.

Guerrieri Academic Commons, 4th Floor Assembly Hall

Performance by SU's Pep Band conducted by Dr. Dennis Senkbeil.

1. Welcome and recognition of SUSRC Poster Design Winner - Dr. Rhyannon Bemis and Dr. Zachary Townsend (*chairs of SUSRC*)
2. Welcome and Opening remarks - Dr. Jessica Clark (*Interim Provost and Academic Affairs*)
3. Presentation of Undergraduate Research Fellows – Dr. Tim Werner (*Associate Director, OURCA*)
4. Recognition of winner of Outstanding Research Mentor Award - Dr. Clifton Griffin (*Dean of Graduate Studies & Research*)

Poster Presentation Session

6:30 p.m. - 7:30 p.m.

Guerrieri Academic Commons, 4th Floor Assembly Hall

Information Table Volunteer

SUSRC Committee

Poster Room Set-up Volunteers

Christopher Stockus, UARA

James Parrigin, SU Libraries

Steven Hetzler, Mathematics

Vote for your favorite posters!

During the poster session, you can use the QR code below to vote for your top 3 posters. Winners will receive a gift card from the SU bookstore.



Poster Presentations

1. **Investigating Hyperglycemia's Impact on Regeneration in Zebrafish Larvae**
Phyo Min Khant
Faculty Mentor: Jessica Clark, Biological Sciences
2. **Antimicrobial Potential of Bacterial Isolates from Medicinal vs. Non-Medicinal Perennial Plants Against ESKAPE Relatives**
Jasmine Bowie, Katherine Hendricks
Faculty Mentor: Elizabeth Emmert, Biological Sciences

3. **Insights into the Past: Osteological Examination of Human Perinatal Remains Associated with a Jar Burial of Unclear Origin**
Cara Brown, Mauren Krauser
Faculty Mentor: Susanne Daly, Biological Sciences
4. **Evidence of an Intact Endogenous Retrovirus gagpol gene in The Southern Flying Squirrel**
Bethany Butler
Faculty Mentors: Guney Boso, Angela Freeman, Biological Sciences
5. **Impact of Vaxx on type-VI secretion system-dependent interactions in *Vibrio fischeri***
Keira DeZerga, Riley Bozman
Faculty Mentor: Kirsten Guckes, Biological Sciences
6. **How does ground cover impact arboreal ant (Hymenoptera: Formicidae) biodiversity on Salisbury University's campus?**
Holly Greenberg, Cameron Schaubert
Faculty Mentor: Dana Price, Biological Sciences
7. **Functional Ecology of Regional Fungi and Nutrient Cycling Using Stable Isotope Analysis**
Madison Harrah, Shawn Rosengren
Faculty Mentors: Eric Liebgold, Christina Bradley, Biological Sciences
8. **Dietary Composition of Invasive Blue Catfish in the Choptank River**
Louis Held, Liam Hanley
Faculty Mentor: Noah Bressman, Biological Sciences
9. **Roots of Origin: Geographic Imprints on Poplar Tree Microbiomes in the PopUp Poplar Gardens**
Katherine Hendricks, Jasmine Bowie
Faculty Mentor: Elizabeth Emmert, Biological Sciences
10. **Invasive Blue Catfish Immunohistochemistry**
Eric Horsey
Faculty Mentors: Noah Bressman, Angela Freeman Biological Sciences
11. **WHoo's Healthier? Urbanization Effects on Eastern Screech-Owl Body Condition on Southern Delmarva**
Savannah Howe, Abby Cooper, Jonathan Irons
Faculty Mentor: Eric Liebgold, Biological Sciences
12. **Seeing the Unseen: A Microscopic Exploration of Life Through Watercolors**
Hayden Johnston
Faculty Mentor: Jennifer Nyland, Biological Sciences
13. **Shades of Survival: Investigating Melanism in the Eastern Hognose Snake**
Noelle Kuhns, Kristina Bennett, Katie Hewes
Faculty Mentor: Eric Liebgold, Biological Sciences
14. **Where Have All the Weasels Gone? Using a Novel Camera System to Document Declining Mustelid Populations on Delmarva**
Sydney McCallie
Faculty Mentor: Aaron Hogue, Biological Sciences

- 15. Exploring the Variation in tsiv2 Gene Copy and Sequence in *Vibrio fischeri*: Implications for Self vs. Non-Self Recognition**
Alyson Schulze
Faculty Mentor: Kirsten Guckes, Biological Sciences
- 16. The Influence of Urbanization on the Roosting Behavior of Eastern Screech Owls**
Madelyn Shelton, Alaina Linton, Noelle Kuhns
Faculty Mentor: Eric Liebgold, Biological Sciences
- 17. How do environmental stressors affect *Lynx canadensis*' fecal cortisol metabolites?**
Yzabella Mattern
Faculty Mentor: Angela Freeman, Biological Sciences
- 18. The Deception of House Wrens: How Cuteness Hides Destruction**
Emily Paslick
Faculty Mentor: Jeremy Corfield, Biological Sciences
- 19. Local Business Awareness and Engagement in the Shore Hatchery Competition**
Leah Osmon
Faculty Mentor: Michael Jensen, Center for Entrepreneurship
- 20. Towards Understanding Outer Membrane Protein Folding in Liposomes: Opal Expression, Purification, and Temperature-dependent Folding Analysis**
Evey Colson
Faculty Mentor: Alison Dewald, Chemistry
- 21. Synthesis of Potentially Selective 5-HT_{2A} Serotonin Receptor Agonists with A Forced Active Conformation**
Melina Duong, Gabriella Daskalova
Faculty Mentor: Jose Juncosa, Chemistry
- 22. Analysis of Mg²⁺ and Ca²⁺ Binding to Nucleic Acids and *E. Coli* Cells**
Aida Nabila
Faculty Mentor: Joshua Sokoloski, Chemistry
- 23. Exploring New Fe(II) Contrast Agents for Advanced MRI Tracking During Tumor Ablation**
Daniella Weinstein
Faculty Mentor: Seth Friese, Chemistry
- 24. Predicting One Week Mortality Using Cluster-Based Analysis in Litter Management**
Ope Adegoke, Daniel Lugasi, Brando Banda-Perez
Faculty Mentor: Junyi Tu, Computer Science
- 25. Optimizing Feed Conversion Rate (FCR) Through Linear Modeling and R² Maximization in Poultry Production**
Arin Kc, Jairik McCauley, Claudio Garcia, Jason Holt
Faculty Mentor: Junyi Tu, Computer Science
- 26. Automated Discovery of Predictive Structures in Financial Market Behavior Using AI**
Logan Kelsch
Faculty Mentor: Yaping Jing, Computer Science

- 27. Systematic Review of Insurance Policies Affecting Women Receiving Care for Endometriosis**
Beitris Boyreau-Millar
Faculty Mentor: Brian Polkinghorn, Conflict Analysis and Dispute Resolution
- 28. Access, Advocacy, and Education in Modern Reproductive Healthcare**
Allison Griffin
Faculty Mentor: Brian Polkinghorn, Conflict Analysis and Dispute Resolution
- 29. Broken Trust: The Decline of Institutional Confidence in America and the Path to Restoration**
Master's Thesis Presentation
Sarah Lindbjerg
Faculty Mentor: Brian Polkinghorn, Conflict Analysis and Dispute Resolution
- 30. Pollinator Pathways: Equity-Focused Micro-Pollinator Plots in Salisbury, Maryland**
LeNora Preston
Faculty Mentor: Brian Polkinghorn, Conflict Analysis and Dispute Resolution
- 31. Closing the Care Divide: An Analysis of Healthcare Disparities Among the Low Socioeconomic Status on the Eastern Shore and Possible Solutions**
Mahrukh Rizwan, Jessica Goodroe
Faculty Mentor: Brian Polkinghorn, Conflict Analysis and Dispute Resolution
- 32. The United Nations Non-Proliferation Treaty Review Conference: Past, Present and Future**
Myrana Ruzigamanzi
Faculty Mentor: Brian Polkinghorn, Conflict Analysis and Dispute Resolution
- 33. Cancer Conscience: A Secure Digital Platform with an AI Predictive Model for Cancer Education and Risk Assessment**
Grace Wincovitch
Faculty Mentor: Brian Polkinghorn, Conflict Analysis and Dispute Resolution
- 34. Stephen King's The Long Walk for the 10th Grade Classroom**
Kade Richardson
Faculty Mentor: Gurupriya Ramanathan, Early and Elementary Education
- 35. Did you see that? Human Curiosity Towards Wildlife in Educational vs Zoological Settings**
Summer Brenner
Faculty Mentor: Tami Ransom, Environmental Studies
- 36. Comparing Amphibian and Reptile Activity Between Wetland and Upland Habitats Using Bucket Camera Monitoring**
Jack Kelly
Faculty Mentor: Tami Ransom, Environmental Studies
- 37. Pond Predators: Wildlife Activity at a Local Wildlife Area**
Regan Narcelli
Faculty Mentor: Tami Ransom, Environmental Studies
- 38. Frog Tubes at the Nature Conservancy**
Cheryl Teal
Faculty Mentor: Tami Ransom, Environmental Studies

- 39. Impact of Single and Multi-chamber Blood Flow Restriction Cuffs on Muscle Oxygen Saturation and Arterial Nitric Oxide**
Leo Gruber
Faculty Mentor: Tim Werner, Exercise Science
- 40. Exercise Behavior, Perceived Outcomes, and Perceptions of Weight Loss Medications**
Ryan Terry
Faculty Mentor: Zachary Townsend, Exercise Science
- 41. Stabilizing Cancer Treatment, One Tree At A Time**
Erin Record
Faculty Mentor: Catherine Jackson, Fulton School of Liberal Arts
- 42. USGS Estimated Runoff Map for Major Watershed Regions in the Conterminous United States**
William Edmunds
Faculty Mentors: Arthur Lembo, Geography and Geosciences
- 43. From Silos to Spatial Data: An Enterprise GIS for Historical Research**
Maxwell Gundling
Faculty Mentors: Wataru Morioka and Arthur Lembo, Geography and Geosciences; Creston Long, History
- 44. Examining the Land Use Impacts on Water Quality in a Small Mixed-Use Watershed on the Delmarva Peninsula**
Marshall Raff
Faculty Mentor: Keota Silaphone, Geography and Geosciences
- 45. Benefits of Vertical Play In Increasing Patient Engagement: Pediatric Occupational Therapy**
Alayna Mariano
Faculty Mentor: Leslie Swift, Health Science
- 46. Riding the Wave to a Better Recovery: The Dynamic Duo of Sonography and Occupational Therapy**
Kaylee Shaw
Faculty Mentor: Gregory Chown, Health Science
- 47. Data Breach Severity and Stock Price Impact: An Analysis of 30 Major Corporate Breaches (2006-2024)**
Zainab Akinlosotu
Faculty Mentor: Gene Hahn, Information Systems and Operations Management
- 48. Civic Leadership Club**
Marvin Edward, CJ Atherton, Annelise Cosden, Zion Powell
Faculty Mentor: Ryan Weaver, Interdisciplinary Studies
- 49. Wicomico Housing and Resource Guide**
Mathijs Goyens-Harvey
Faculty Mentor: Ryan Weaver, Interdisciplinary Studies
- 50. Proposed West Salisbury Community Center Project**
Marissa McGrath, Annie Bechtel, Lousedian Nissage, Murtaza Aqil, Moises Silva
Faculty Mentor: Ryan Weaver, Interdisciplinary Studies

- 51. Designing for Belonging: Enhancing Access and Inclusion in an Early Childhood Center with a Progressive Educational Approach**
Mital Gajjar
Faculty Mentor: Brian Stiegler, Leadership and Literacy Studies
- 52. Analysis of Factors Impacting the Livability of Poultry on Farms Using Advanced Statistical Models**
Alayna Bucchioni, Franklin Markel, Nicole Rye
Faculty Mentor: Deepak Bastola, Mathematics
- 53. EEG Analysis of Brain Activity During Cognitive Tasks**
Sude Celik, Robert Mitchell, Tommy Brozek, Brennan McCorison
Faculty Mentors: Kyle Teller, Mathematics; Echo Leaver, Psychology
- 54. Investigating Search Algorithms for Balanced Graph Partitions by Weight**
Liam Foley
Faculty Mentor: Alexander Halperin, Mathematics
- 55. Environmental Justice in Maryland: Socioeconomic and Racial Predictors of Environmental Health**
Dagmawit Kebede, Jahnaiya Sutherland
Faculty Mentor: Randall Cone, Mathematics
- 56. Modeling the Impact of Environments and Feed on Poultry Growth in Small-Scale Farms**
Samantha Vigneault, Sean Shockley, Kahlan Carrier
Faculty Mentor: Deepak Bastola, Mathematics
- 57. Predicting Near Earth Asteroid Trajectories Using Numerical Two Body Orbital Models**
Julia Zappacosta
Faculty Mentor: Kyle Teller, Mathematics
- 58. Engaging the Local Community Through the Community Language Assistant Program**
Owen Beabout, Camila Esquivel-Goelkel
Faculty Mentor: Sally Perret, Modern Languages
- 59. Cosmic and General Radiation Mapping Across Salisbury University's Campus**
Sophia Reister
Faculty Mentor: Joseph Howard, Physics
- 60. Improving Efficiency in an EEG Data Processing Pipeline Using MATLAB**
Emily Boniface
Faculty Mentor: Echo Leaver, Psychology
- 61. Breadth or depth: Psychology courses in a random sample of colleges and universities**
Emma Carey, Makenzie Mull, Emily Boniface, Josie D'Aquila, Addison Crowder, Natalie Feniger, Kate Gerlus, Emily Norman, Paige Magill, Johana Constantino, Sophia Renault, Sam Root, Nya Johnson
Faculty Mentor: Thomas Tomcho, Psychology
- 62. Are Hostile Traits Associated with Health Behaviors in Emerging Adults?**
Josie D'Aquila
Faculty Mentor: Mark Walter, Psychology

- 63. Why Hallmark Sings: A Media Psychology Analysis of Singing and Mentorship in Christmas Films**
Gabrielle DiFelice
Faculty Mentor: Lance Garmon, Psychology
- 64. The HEART Study: HEalth, Academic, and Relationship Transitions**
Catie Egan
Faculty Mentor: Heidi Fritz, Psychology
- 65. Representation of Autism in Holiday Hallmark Films: Is It Even There?**
Mackenzie Finneran
Faculty Mentor: Lance Garmon, Psychology
- 66. From Neonatal to Notebooks: How Does Prematurity Set the Stage for Academic Performance?**
Kate Gerlus
Faculty Mentor: Rhyannon Bemis, Psychology
- 67. The impact of unexpected learning events on children's metacognition**
Kaley Hardman, Willow Nyland, Anna McCallister, Kate Gerlus
Faculty Mentor: Rhyannon Bemis, Psychology
- 68. Effects of Encoding Instruction on Associative Memory in Aging**
Neushin Hettiarachchi, Alanis Caez-Lugo, Nia Lockwood
Faculty Mentors: Meredith Patterson, Echo Leaver, Psychology
- 69. Psychological Reactance to Political Issues: Personal vs. Societal Importance as Competing Predictors**
Tyler Hummer
Faculty Mentor: Mark Walter, Psychology
- 70. Growing Minds: A 6-Week Intervention to Enhance Children's Metacognitive Skills**
Anna McCallister
Faculty Mentor: Rhyannon Bemis, Psychology
- 71. Educating those outside of Psychology about Psychology: Common Psychology courses used by other disciplines**
Makenzie Mull, Emma Carey, Emily Boniface, Josie D'Aquila, Addison Crowder, Natalie Feniger, Kate Gerlus, Emily Norman, Paige Magill, Johana Constantino, Sophie Renault, Sam Root, Nya Johnson
Faculty Mentor: Thomas Tomcho, Psychology
- 72. The HEART Study: HEalth, Academic, and Relationship Transitions**
Samantha Root
Faculty Mentor: Heidi Fritz, Psychology
- 73. Swipe, Match, Disappear: Examining Ghosting on Dating Apps**
Elysha Ross
Faculty Mentor: Rachel Steele, Psychology
- 74. Sociotrophy and Autonomy Mediates Between Student Teacher Rapport and Self Efficacy**
Veronica Velarde
Faculty Mentor: Kyoung Rae Jung, Psychology

- 75. Rebuilding a Healthy, 100% Tobacco Free Campus**
Averie Sayre, Arleigh Pena Diaz
Faculty Mentors: Kwonchan Jeon, Public Health; Zachary Townsend, Exercise Science
- 76. Predictors of Retail Tobacco Compliance Violations in a High-Smoking Rural County**
Jenna Peace, Alexis Davis
Faculty Mentor: Brandye Nobiling, Public Health
- 77. The Relationship Between Heart Rate Recovery and Perceived Influence by Maximal Aerobic Testing (VO2 MAX)**
Austen Cave, Patrick O'Halloran
Faculty Mentor: Margarita Truth, School of Health Sciences
- 78. Comparison of Strength and Force Production between Accommodating Resistance Bench Press and Traditional Bench Press in Female Collegiate Athletes**
Lily Muir, Alexzandra Austin
Faculty Mentor: Margarita Truth, School of Health Sciences
- 79. Comparison of Percentage of Practice Energy Expenditure within Daily Energy Expenditure Across Positions in Collegiate Men's Lacrosse Players Using Wearable Technology, Whoop**
Elizabeth Perry, Airan Wolf
Faculty Mentors: Margarita Truth, School of Health Sciences; Ariene Ohimor, Nursing
- 80. The Relationship Between Sprint Times and Power in Track Sprinters**
Jacob Shelton, Charlie Koeneke, Noah Lawson
Faculty Mentor: Margarita Truth, School of Health Sciences
- 81. Using Certification Requirements to Improve Classroom Practice**
Madison Repole
Faculty Mentor: Alexander Pope IV, Secondary and Physical Education

Outstanding Research Mentor Award

The Salisbury University Student Research Conference Committee is pleased to announce the Outstanding Research Mentor Award. This award celebrates faculty mentors who have proven excellent supervisors of student research or creative work.

2025-2026 Nominees:

Dr. Elsie Walker - English
Dr. Giulia Franchi - Computer Science
Ryan Weaver - PACE
Dr. Ryan Shifler - Mathematics
Dr. Tim Werner - Exercise Science
Dr. Wataru Morioka - Geography and Geosciences
Dr. Ying Wu - Economics
Dr. David Kiefer - Chemistry
Dr. Celine Carayon - History

Outstanding Student Research

Salisbury University's commitment to student research is evident in both the number and quality of the presentations at our annual student research conference. However, many of our students are being recognized for their work in off-campus settings. The following are highlights from Salisbury University students during the last year.

Student Publications

Jeremy Heimeier published "Love, Music and Everything in Between: tick, tick... BOOM! (2021)" in <https://the-artifice.com/tick-tick-boom/>

Jeremy Heimeier published "No Country for Old Men (2007): A Peak of Revisionist Western Cinema" in <https://the-artifice.com/no-country-for-old-men/>

J. Ryan Allen published "When Learning, Not Courses, Becomes the System: What Facilitated Interdependent Language Learning (FILL) Makes Possible" in *The Language Educator*

Jeremy Heimeier published "Presentation of Genocide in Cinema: An Analysis of *Life is Beautiful* (1997) and the Criticisms Against It" in <https://the-artifice.com/genocide-in-cinema/>

Lauren Hatch Pokhrel published "Hatch Pokhrel, L. & Thompson, F. (2025). GenAI: The Impetus for Linguistic Justice Once and for All" in *Literacy in Composition Studies*.

Faith Thompson & Lauren Hatch Pokhrel published "Language Ideologies and Critical Language Pedagogies in College Writing Programs: A Literature Review" in the *Journal of Language and Literacy Education*

J. Ryan Allen published "Letting Go of Control in the World Language Classroom" in *The Language Educator*

Faith Thompson published "Writing Center Tutors and Their Conceptualizations of Academic Writing in Tutoring Sessions" in *The Peer Review*

Student Publications in *Laridae*

Paige Beetler published "Women in Motorsports: The Uphill Battle for Safety and Equality" in *Laridae*, 7th Edition, Fall 2025

Reece Berry published "The Harsh Reality Hidden Within the Yoshiwara of Japan" in *Laridae*, 7th Edition, Fall 2025

Daniel Etherton published "Festival Hearts and Tranquil Lanterns // Glowing Together" in *Laridae*, 7th Edition, Fall 2025

Albi Freda published "The Data Adds Up: U.S. Students' Struggles in Math and the Call for Pedagogical Reform" in *Laridae*, 7th Edition, Fall 2025

Jeremy Heilmeier published "The Significance of Purpose and Where We Can Find It: *Ikiru*" in *Laridae*, 7th Edition, Fall 2025

Kiernan Johns-Ellis published "The Gold Standard: Promoting Harm Reduction Programs and MAT/MOUD Services for Improved Addiction Treatment" in *Laridae*, 7th Edition, Fall 2025

Kara Jordan published "No One Leaves But They Always Have Room" in *Laridae*, 7th Edition, Fall 2025

Rafael (Theo) Marroquin-Gamez published "The Interdependence of Power and Profit: State, Corporate, and Criminal Convergence in the Mexican Drug Trade" in *Laridae*, 7th Edition, Fall 2025

Sarah Milbow published "Chalk Lines and Memory Threads" in *Laridae*, 7th Edition, Fall 2025

Lian Peach published “Be Our Guest (or Not!): The Role of Public Opinion in Providing Services to Same-Sex Couples” in *Laridae*, 7th Edition, Fall 2025

Brooke Ranney published “Forbidden Love” in *Laridae*, 7th Edition, Fall 2025

Molly Sahler published “Review of Formaldehyde-Releasing Cosmetic Preservatives: Mechanisms of Action and Resistance, Toxicity, Relation to ICD and ACD, and Relevant Legislation” in *Laridae*, 7th Edition, Fall 2025

Emily Saul published “Teaching with All Five Senses: Multimodal Strategies for Deeper Learning in Early Childhood and Elementary Education” in *Laridae*, 7th Edition, Fall 2025

Alyson Schulze published “Influence of Immunity Gene Mosaicism on Intraspecific Competition in *Vibrio fischeri*” in *Laridae*, 7th Edition, Fall 2025

Student Presentations at the National Conference on Undergraduate Research

Elizabeth Buppert presented “Immunotherapies in Cancer: How Society and Experts Can Revolutionize Cancer Immunotherapies” at the National Conference on Undergraduate Research, April 2026

Riley Bozman presented “Impact of VasX on Type-VI Secretion System-Dependent Interactions in *Vibrio fischeri*” at the National Conference on Undergraduate Research, April 2026

Logan Kelsch presented “Automated Discovery of Predictive Structures in Financial Market Behavior Using AI” at the National Conference on Undergraduate Research, April 2026

Mackenzie Wheelock presented “Drunk Driving: A Crisis in Need of Reform” at the National Conference on Undergraduate Research, April 2026

Michael Sergio presented “Impact of Blood Flow Restriction Cuff Design on Upper Body Exercise” at the National Conference on Undergraduate Research, April 2026

Anna McCallister presented “Growing Minds: A 7-Week Intervention to Enhance Children’s Metacognitive Skills” at the National Conference on Undergraduate Research, April 2026

Kilian Dziepak presented “Comparison of Maximal Oxygen Uptake obtained via Seismofit and Cardiopulmonary Exercise Test” at the National Conference on Undergraduate Research, April 2026

Phyo Khant presented “Investigating Hyperglycemia’s Impact on Regeneration in Zebrafish Larvae” at the National Conference on Undergraduate Research, April 2026

Jasmine Bowie presented “Roots of Origin: Geographic Imprints on Poplar Tree Microbiomes in the Poplar Gardens” at the National Conference on Undergraduate Research, April 2026

Ethan Rodriguez presented “Influence Of Partial Versus Exclusively Explosive Sets Of Upper- And Lower-Body Resistance Exercise On Metabolic Rate” at the National Conference on Undergraduate Research, April 2026

Sierra Kaluziński presented “Comparing Percent Increase Of Energy Cost From Explosive Contractions In Upper Versus Lower Body Resistance Exercise” at the National Conference on Undergraduate Research, April 2026

Alyson Schulze presented “Exploring the Variation in *tsv2* Gene Copy and Sequence in *Vibrio fischeri*: Implications for Self vs. Non-Self Recognition” at the National Conference on Undergraduate Research, April 2026

Dillon Otero presented “Effects of an 11-Week High Functional Resistance Training Program on Indices of Arterial Stiffness” at the National Conference on Undergraduate Research, April 2026

Sean Zupnik presented “Impact of Single and Multi-camber Blood Flow Restriction Cuffs on Muscle Oxygen Saturation and Arterial Nitric Oxide” at the National Conference on Undergraduate Research, April 2026

Jenna Peace, Alexis Davis presented “Predictors of Retail Tobacco Compliance Violations in a High-Smoking Rural County” at the National Conference on Undergraduate Research, April 2026

Gabriella Daskalova presented “Synthesis of Potentially Selective 5-HT_{2A} Serotonin Receptor Agonists with a Forced Active Conformation” at the National Conference on Undergraduate Research, April 2026

Melina Duong presented “Synthesis of Potentially Selective 5-HT_{2A} Serotonin Receptor Agonists with a Forced Active Conformation” at the National Conference on Undergraduate Research, April 2026

Campbell Ruffhead presented “Frequency of Vascular Aging in Young Adults” at the National Conference on Undergraduate Research, April 2026

Mathijs Goyens-Harvey presented “Cherokee Women and the Continuity of Traditional Culture Under Assimilation in the Nineteenth Century” at the National Conference on Undergraduate Research, April 2026

Josie D'Aquila presented “Are Hostile Traits Associated with Health Behaviors and Outcomes in Emerging Adults?” at the National Conference on Undergraduate Research, April 2026

Melina Duong presented “Synthesis of Potentially Selective 5-HT_{2A} Serotonin Receptor Agonists with A Forced Active Conformation” at the National Conference on Undergraduate Research, April 2026

Kaden Richardson presented “Stephen King’s The Long Walk for the 10th Grade Classroom” at the National Conference on Undergraduate Research, April 2026

Wennia Ferreira Reis presented “Axon degeneration in hyperglycemia-induced zebrafish (*Danio rerio*)” at the National Conference on Undergraduate Research, April 2026

Marissa Cossa presented “Initial Explosive Contractions Influence Metabolic Responses Within Sets Of Resistance Exercise More Than Heavier Loads” at the National Conference on Undergraduate Research, April 2026

Andrew Brower, Cailin Snider, Heather Sweeney presented “Investigating the Impact of Socioeconomic and Environmental Factors on Life Expectancy in 2023: Top 20 vs. Bottom 20 U.S. Counties” at the National Conference on Undergraduate Research, April 2026

Charles Bradshaw presented “Mobile Manipulator Performance Under Dynamic End Effector Payloads” at the National Conference on Undergraduate Research, April 2026

Luke Dean presented “Structural Transitions in (CAG)_n DNA associated with Huntington’s Disease” at the National Conference on Undergraduate Research, April 2026

Leah Wynn presented “The Cost of a Lost Haven: When Policy Undermines Public Health Efforts and Its Implications for Black Maternal Health Outcomes in the United States” at the National Conference on Undergraduate Research, April 2026

Student Presentations at Posters on the Bay (canceled)

Mahrukh Rizwan, Nikini Amarasinghe presented “A Conserved Retroviral gag ORF in Lagomorphs: Expression and Evolution of LERVG” at the 2026 Posters on the Bay

Sarah Cooke presented “Olfactory Diagnostics: The Role of Medical Detection Dogs” at the 2026 Posters on the Bay

Sean Shockley Jr presented “Boundary Conditions and the Invertibility of Linear Finite Dynamical Systems” at the 2026 Posters on the Bay

Hayden Johnston presented “Seeing the Unseen: A Microscopic Exploration of Life Through Watercolors” at the 2026 Posters on the Bay

Madison Lybarger, Sara Noojin, Jalen Hammond, Ally Bobele presented “Kick the Clouds Away” at the 2026 Posters on the Bay

Emily Kirchner presented “Enhancing Oyster Resilience: Implementing Genetic Diversity in Oyster” at the 2026 Posters on the Bay

Marissa McGrath, Murtaza Aqil, Annielice Libertin, Annie Bechtel, Moises Silva, Lousediana Nissage presented “Proposed West Salisbury Community Center Project” at the 2026 Posters on the Bay

Jenna Peace, Alexis Davis presented “Predictors of Retail Tobacco Compliance Violations in a High-Smoking Rural County” at the 2026 Posters on the Bay

Kilian Dziepak presented “Comparison of Maximal Oxygen Uptake obtained via Seismofit and Cardiopulmonary” at the 2026 Posters on the Bay

Gabrielle Andreasik presented “From Queen to Captive: The Bothwell Marriage and the Collapse of Mary Stuart’s Rule” at the 2026 Posters on the Bay

Aaron Triplett, Jhayden Pappas, Owen Beabout, Sam Dickerson, Zach Christensen presented “Bone Identification Database and Website” at the 2026 Posters on the Bay

Alice Crowder presented “A Forgotten Atrocity - Slavery in Appalachia” at the 2026 Posters on the Bay

Owen Beabout, Camila Esquivel-Goelkel presented “Engaging the Local Community Through the Community Language Assistant” at the 2026 Posters on the Bay

Allison Yeager presented “Burnout Among Special Education Teachers: Impact of Social Support and Stressor Domains” at the 2026 Posters on the Bay

Rory Steil presented “Reading Unrestricted: Encouraging Reading in Elementary Schools in the Face of Modern-Day Book Banning” at the 2026 Posters on the Bay

Malena Kober presented “Benzene Formation through Diazotization and Decarboxylation Preceding a Diels-Alder Reaction for the Total Synthesis of Nuciferine” at the 2026 Posters on the Bay

Camila Esquivel-Goelkel, Kelly Martinez presented “Building Bridges Creando Puentes: Oral History, Community Archives, and the History of the Organization of Latin American Students at Salisbury University” at the 2026 Posters on the Bay

Stephen J. Barr presented “Minimum Quantum Degrees with Maya Diagrams in a Family of Partial Orthogonal Flag Varieties” at the 2026 Posters on the Bay

CJ Atherton, Annelise Cosden, Zion Powell, Marvin Edwards presented “Civic Leadership Club” at the 2026 Posters on the Bay

Mathijs Goyens-Harvey presented “The Wicomico Housing and Resource Guide” at the 2026 Posters on the Bay

Ashley Penagokos, Claudio Garcia, Naomi Garcia, Timothy Benson, Joseph Laubach presented “Monetary Policy: Mitigating Stagflation Risks When Divine Coincidence Fails” at the 2026 Posters on the Bay

Student Presentations at the Summer Student Research Showcase

Abigail Reynolds, Grey Reynolds presented “Production of A Girl in School Uniform (Walks into a Bar)” at the 2025 SU Summer Research Showcase

Aida Nabila presented “Analysis of Mg^{2+} and Ca^{2+} Binding to Nucleic Acids and E.coli Cells” at the 2025 SU Summer Research Showcase

Andrew King presented “Listening to the Galaxy: Enabling Salisbury Students to Engage in Radio Astronomy Through the Detection of 21cm Hydrogen” at the 2025 SU Summer Research Showcase

Anye-Nkwenti Forti presented “RGB Imaging for Improved Object Detection and Counting Accuracy in Chick Hatcheries” at the 2025 SU Summer Research Showcase

Ashlyn Shoemaker presented “The impact of a putative lipase, TleVf1, on interbacterial competition in *Vibrio fischeri*” at the 2025 SU Summer Research Showcase

Benjamin Bradner presented “Exploring Multimodal Composing in the Secondary ELA Classroom: Enhancing Literacy Through Diverse Modes of Expression” at the 2025 SU Summer Research Showcase

Brennen McCorison presented “Thermal Imaging-Based Chick Detection and Counting for Hatcheries” at the 2025 SU Summer Research Showcase

Caitlin LaComb, Caitlin Cecil presented “Addressing Social Determinants of Health in Rural Community Pharmacies through Social Work Integration” at the 2025 SU Summer Research Showcase

Colin O'Donnell presented “Influence of sediments size on burial performance of little skates (*Leucoraja erinacea*)” at the 2025 SU Summer Research Showcase

Danish Ahsan, Ali Ranjha, Jeyson Moussa presented “Shellfish Contamination Mapping Initiative at the 2025 SU Summer Research Showcase

Darien Legates presented “How Adaptations of "It's a Wonderful Life" Create a Genre of Storytelling” at the 2025 SU Summer Research Showcase

Darren Price presented “Identifying Gravitational Wave Sources Using Archival Data” at the 2025 SU Summer Research Showcase

Eli Prushansky presented “Liquidity-weighted sampling of options data for LSTM stock price prediction” at the 2025 SU Summer Research Showcase

Erin Nathan presented “Digital Literacies in the Middle School: A Literature Review” at the 2025 SU Summer Research Showcase

Hamid El Karim, Logan Kelsch presented “Oyster Detection Using YOLOv8” at the 2025 SU Summer Research Showcase

Holly Thompson presented “Pedagogy of Play in First Year Writing” at the 2025 SU Summer Research Showcase

Ian Abrego presented “Developing Advanced Labs for Observational Astronomy” at the 2025 SU Summer Research Showcase

Ian Clancy-Mallue presented “Human Disturbance Drives Nest Site Selection in Least Terns (*Sternula antillarum*) on Assateague Island” at the 2025 SU Summer Research Showcase

J Ryan Allen presented “ChatGPT-Generated Personalized Target Language Stories” at the 2025 SU Summer Research Showcase

James Goebel presented “Group Behavior in Captive Black-Handed Spider Monkeys (*Ateles geoffroyi*)” at the 2025 SU Summer Research Showcase

Jessica McInerney presented “A Focus on Learning Content: Teacher and Student Roles in Text-Based Discussion in Secondary Social Studies Classrooms” at the 2025 SU Summer Research Showcase

Josey Zeunges presented “The Evolution of Creative Writing and Literary Magazines at Salisbury University” at the 2025 SU Summer Research Showcase

Josie D'Aquila presented “Is hostile personality associated with health behaviors and outcomes in emerging adults?” at the 2025 SU Summer Research Showcase

Julliana Timbane presented “The Influence Music Has on Identity Formation” at the 2025 SU Summer Research Showcase

Katie Ekholm presented “The effects of anogenital distance on mate preference in southern flying squirrels” at the 2025 SU Summer Research Showcase

Lauren Hatch Pokhrel presented “Linguistic Justice Writing Pedagogy for First-Year Composition” at the 2025 SU Summer Research Showcase

Lauren Imhof presented “Mapping Nonprofit Career Pathways in Delmarva's Green Economy” at the 2025 SU Summer Research Showcase

Liam Hanley, Branson William, Erik Yetter, Christopher Jones , Brett Coakley presented “Assessing the Population Structure and Efficacy of Targeted Removal of Blue Catfish (*Ictalurus furcatus*) on The Choptank River” at the 2025 SU Summer Research Showcase

Logan Kelsch presented “Behavioral Analysis of Financial Markets Using Markov Models, Genetic Algorithms, and Neural Networks” at the 2025 SU Summer Research Showcase

Lorraine Hicks, Tagnon Yanne Gbokede, Nia Lockwood, Neushinth Hettiarachchi, Veronica Velarde, Alanis Lorraine Caez-Lugo presented “Back to the Basics: A Continuation of the ARIA Study” at the 2025 SU Summer Research Showcase

Luke Dean presented “Exploring Changes in CAG Repeat DNA Structure” at the 2025 SU Summer Research Showcase

Mahrukh Rizwan, Nikini Amarasinghe presented “A Conserved Retroviral gag ORF in Lagomorphs: Expression and Evolution of LERVG” at the 2025 SU Summer Research Showcase

Naomi Garcia, Timothy Benson, Naomi Garcia, Ashley Panagakos, Claudio Garcia, Evan Benigni presented “How Stagflation Risk Challenges Monetary Policy's "Divine Coincidence"?” at the 2025 SU Summer Research Showcase

Neushinth Hettiarachchi presented “Back to the Basics: A continuation of the ARIA Study” at the 2025 SU Summer Research Showcase

Owen Ashdown, Liam Hanley, Monty Hawkins presented “Influence of Reef Size and Age on Sex Changing in Black Sea Bass (*Centropomus striata*) off the Coast of Ocean City, Maryland” at the 2025 SU Summer Research Showcase

Owen Beabout, Abigail Dodd, Titus Murphy, Enyue Lu presented “Mitigating Catastrophic Forgetting Using Improved Clustering-based Episodic Memory” at the 2025 SU Summer Research Showcase

Rachel Stone presented “Polychrome Predators: The Influence of Color Morph on Eastern Screech Owl Roosting and Survival” at the 2025 SU Summer Research Showcase

Savannah Howe presented “Furry Foodies- How Squirrels Take Advantage of Extra Food when Tree Density is Low” at the 2025 SU Summer Research Showcase

Sude Celik, Aaron Triplett presented “Python-Driven Data Monitoring and Sensitivity Insights for Hatchery Incubators” at the 2025 SU Summer Research Showcase

Susannah Randall presented “A Critical Autoethnography of an English Secondary Education Student” at the 2025 SU Summer Research Showcase

Veronica Velarde, Alanis Lorriane Hinks, Neushinth Hettiarachchi, Nia Lockwood presented “ADHD: A Comparison of Virtual Vs In Person Learning Using EEG” at the 2025 SU Summer Research Showcase

Wennia Ferreira Reis presented “Axon degeneration in hyperglycemia-induced zebrafish (*Danio rerio*)” at the 2025 SU Summer Research Showcase

Student Presentations and Performances

J. Ryan Allen presented "FILL the Future: Personalizing Language Learning with AI" at the International Conference: The Future of Education

J. Ryan Allen presented “AI, Proficiency, and Student-Driven Language Learning” at the Multiliterate Mind podcast

J. Ryan Allen presented “Using ChatGPT to Generate Personalized, Target Language Stories” at the ACTFL Conference

J. Ryan Allen presented “FILL the Future: Personalizing World Language Learning With AI” at the AATSP Virtual Innovations Fair

Jasmine Bowie presented "Roots of Origin: Geographic Imprints on Poplar Tree Microbiomes in the Poplar Gardens" at the Northeast Regional Honors Council Conference

Bill Cecil presented "Quills to Queries: Five Historical Strategies for Teaching Writing in the Age of AI" at the Maryland Communication Association Conference

Kristina Cosgrove presented "Teaching Education Foundations On-Site: School in a Diverse Society IN Schools" at the 2026 National Association of School and University Partnerships (NASUP)

Kristina Cosgrove presented "Dual Enrollment Partnerships between High School, University, and Field Experiences to Grow Future Educators" at the 2026 National School and University Partnerships (NASUP)

Kelly Coutts presented "Speech Language Pathologists and the Dyslexia Trifecta in Schools" at the American Speech-Language Hearing Association

Alexis Davis presented "What can we learn from race dialogues: Reflection and fantasies for possibilities" at the National Multicultural Conference and Summit.

Alexis Davis presented "Contexts and Motivations Behind Race Dialogues During Trump’s First Term" at the Annual Convention of the American Psychological Association

Alexis Davis, Leah Wynn, Kay Funderburg presented "The Front Lines of Youth Advocacy: The Power of Our Voice" at the Maryland Adolescent Health Conference

Kelly Durkin Ruth presented "Forming a Pod: A Naval Architecture, Marine and Ocean Engineering Librarian Community of Practice" at the 2025 American Society for Engineering Education Annual Conference

Kelly Durkin Ruth presented "Curriculum Mapping When One Size Does Not Fit All" at the 2025 Association of College and Research Libraries Conference

Kelly Durkin Ruth presented "Librarians' Engineering Our Way to Good Peer Review Feedback: An Interactive Panel on How to Avoid Being Reviewer #2" at the 2025 American Society for Engineering Education Annual Conference

Katie Ekholm presented "The Effects of Anogenital Distance on Mate Preference in Southern Flying Squirrels" at the Animal Behavior Society Annual Meeting

Jen Geoffroy presented "Lighting the Way to Stronger Writing: Strategies for Every Learner" at the Literacy Association Conference

Lauren Hamilton presented “Energy Density and Fatty Acid Analysis of Forage Fish from the Northwest Atlantic” at the Annual Meeting of the Society for Integrative and Comparative Biology

Liam Hanley presented "Summer Dietary Habits and Food-web Implications of Blue Catfish *Ictalurus furcatus* In The Choptank River MD" at the Pennsylvania Chapter of the American Fisheries Society Annual Technical Meeting

Liam Hanley presented "Assessing Population Structure and The Impacts of Targeted Removal on Invasive Blue Catfish in The Choptank River MD" at the Invasive Catfish Workgroup Population Dynamics, Modeling, & Decision Science Subgroup Meeting

Liam Hanley presented “Summer Dietary Habits and Food-web Implications of Blue Catfish *Ictalurus furcatus* In The Choptank River MD” at the Invasive Catfish Advisory Committee Meeting

Liam Hanley presented "Invasive Species Outreach Presentation" at the Tangier Classic

Liam Hanley presented "Assessing The Population Structure, The Effects of Targeted Removal and Trophic Ecology and Food-Web Implications of Invasive Blue Catfish *Ictalurus furcatus* on the Choptank River MD" at the United States Geological Survey Blue Catfish Collaborative Partners Meeting

Kaliyah Little presented "What Can We Learn from race dialogues: Reflection and Fantasies for Possibilities" at the National Multicultural Conference and Summit

Kaliyah Little presented "Contexts and Motivations Behind Race Dialogues During Trump’s First Term" at the Annual Convention of the American Psychological Association

Cleo McLaughlin presented "Probing Charge State Limits and Spatial Distribution on ESI-MS Analytes: Quantifying Effects of Shape, Size, and Surface Chemistry" at the American Society for Mass Spectrometry's 73rd Annual Conference

Lauren Hatch Pohkrel, Faith Thompson presented "GenAI: The Impetus for Linguistic Justice" at the Conference on College Composition and Communication

AnnMarie Potthast presented "Using DNA to Identify Unique Species of Pine from Floodplain Deposits" at the 2025 Annual Meeting of the Pennsylvania Geographic Society

Marshall Raff presented "Examining the Impacts of Stormwater Runoff and Land Use on Water Quality in a Small Mixed-Use Watershed on the Delmarva Peninsula" at the Pennsylvania Geographical Society Annual Meeting

Salim Ruffin II presented "Using Law to Achieve Health Equity in Maryland: Addressing Healthcare Disparities Through Legal Frameworks" at the American Public Health Association Annual Meeting

Ashlyn Shoemaker presented "The impact of a putative lipase, TleVf1, on interbacterial competition in *Vibrio fischeri*"

Cailin Snider, Heather Sweeney presented "Analyzing The Urban Heat Island Effect by Land Use/Land Cover on Salisbury University’s Main Campus" at the Annual Meeting of the Pennsylvania Geographical Society

Faith Thompson presented "It's Not What You Say, It's How You Say It. The Language Ideologies of Post-Secondary Writing Center Tutors" at the Literacy Research Association

Josey Zeunges presented "The 'Workshop' Workshop: Designing Accessible Spaces for Learning Outside of Tutoring" at the International Writing Centers Association Conference

Student Awards, Honors and Other Activities of Distinction

J. Ryan Allen was awarded the Leo Bernardo Award for Innovation in K-12 Language Education

Alexis Davis was accepted into the Kennedy Krieger's Maternal Child Health Careers/Research Initiative for Student Enhancement-Undergraduate Program (MCHC/RISE-UP) for this summer

Liam Hanley received 2nd place for Best Oral Presentation at the Conference

Jeremy Heimeier was awarded Best Student Screenwriter at the World Film Festival in Cannes

Jeremy Heimeier was awarded the Outstanding Achievement Award at the Cal Film Festival

An Nguyen is a semi-finalist in the Society of Actuaries International Student Research Case Study Challenge (top 25 out of 100)

AnnMarie Potthast won first place in the student paper contest at the Pennsylvania Geographical Society's Annual Meeting

Mike Prozzoly is a semi-finalist in Society of Actuaries International Student Research Case Study Challenge (top 25 out of 100)

Marshall Raff received the Delaware Council on the Teaching of Foreign Language Teacher of the Year Award

Brice Salazar-Calderon is a semi-finalist in the Society of Actuaries International Student Research Case Study Challenge (top 25 out of 100)

Cailin Snider received 3rd Place in the Undergraduate Student Presentation

Heather Sweeney received 3rd Place in the Undergraduate Student Presentation

Faith Thompson was awarded the 2025 International Writing Center Association Future Leaders Award

Julia Zappacosta is semi-finalist in the Society of Actuaries International Student Research Case Study Challenge (top 25 out of 100)

I. Acknowledgements

- **2025 SUSRC Graphics & Program Cover:**

- Erin Devine (Winner 2026 SUSRC Poster Contest)
 - Special Thanks
 - Allison Seth, Associate Professor, Art Department
 - Recognizing Other Student Poster Designers:
 - Johanna Villareal
 - Kate Carlgren
 - Stacy Robinson
 - Missy Shahzad
 - Sandra Zheng
 - Austin Passemante
 - Sarah Prakoso

- **Office of Graduate Studies and Research:**

Dr. Clifton Griffin, *Dean of Graduate Studies & Research*
Vanessa Collins, *Research Account & Compliance Specialist*
Elizabeth Geiger, *Specialist Graduate Enrollment*
Teri Herberger, *Director of Sponsored Research Programs*
Donna Knopf, *Executive Administrative Assistant*
Nichole Morton, *Contract & Grants Specialist*
Jessica Scott, *Graduate Program Manager*

- **Office of Undergraduate Research and Creative Activities:**

Sherry Maykrantz, *Director*
Tim Werner, *Associate Director*

OURCA Website: <https://www.salisbury.edu/ourca>

2025-2026 Cohort of OURCA Undergraduate Research Fellows:

Tessah Good
Kaley Hardman
Willow Nyland
Campbell Ruffhead
Allison Yeager

- **SU Student Research Conference Committee:**

Rhyannon Bemis, *Psychology*
Hoon Cha, *Information Systems and Operations Management*
Mou Chakraborty, *SU Library*
Sherry Maykrantz (chair), *Public Health*
Zac Townsend, *Exercise Science*
Tim Werner, *Exercise Science*

- **Administration Support:**

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Dr. Jennifer Nyland, *Interim Dean of Honors College*
Ms. Joan Ruelle, *Dean of Libraries and Instructional Resources*

▪ **Technical Support:**

Donna Knopf, Scott Garrison, Mario Ramirez, Todd Smith

Thank you to all our presenters, mentors, volunteers, support folks, and committee members! See you at the 25th Annual Salisbury University Student Research Conference in April 2027!!!

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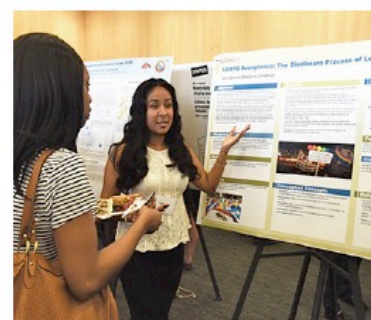
- Funding Opportunities
- Compliance (Human and Animal Research)
- Salisbury University Student Research Conference (SUSRC)
- National Conference on Undergraduate Research (NCUR)
- National Honors Conference (NHC)

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