



# SUSRC

**Salisbury University  
Student Research  
Conference**

**4/22/2022**

**Location:  
Henson Science  
Hall and Guerrieri  
Academic Commons**

**Salisbury  
UNIVERSITY**

**12:30pm-7:30pm**

**Intent to Submit Deadline:  
Tuesday, March 15th 2022**



**[Salisbury.edu/susrc](http://Salisbury.edu/susrc)**

*20<sup>th</sup> Annual Salisbury University  
Student Research Conference  
Friday, April 22nd, 2022*

---

**Contents**

<i>Conference Outline .....</i>	<b>3</b>
<i>I. Oral Presentation Sessions 1:30 p.m. - 5:50 p.m.....</i>	<b>4</b>
□ <i>First Oral Session 1:30 p.m. - 2:50 p.m.....</i>	<b>4</b>
□ <i>Second Oral Session 3:00 p.m. - 4:20 p.m.....</i>	<b>6</b>
□ <i>Third Oral Session 4:30 p.m. - 5:50 p.m.....</i>	<b>7</b>
<i>II. Welcome with Opening Remarks 6:00 p.m. - 6:30 p.m.....</i>	<b>9</b>
<i>III. Poster Presentation Session 6:30 p.m. - 7:30 p.m.....</i>	<b>9</b>
<i>IV. Outstanding Research Mentor Award.....</i>	<b>13</b>
<i>V. Outstanding Student Research .....</i>	<b>14</b>
<i>VI. Acknowledgements .....</i>	<b>23</b>

## Conference Outline

<b>Registration</b>	Henson Science Hall	12:30 p.m. - 4:30 p.m.
<b>Oral Presentation</b>	Henson Science Hall	1:30 p.m. - 5:45 p.m.
<b>Session 1:</b> 1:30 p.m. – 2:50 p.m.		<b>Oral Research Presentations</b>
<b>Panel</b>	<b>Room</b>	<b>Title</b>
A1	HS103	Biology I
B1	HS107	Communication and Exercise Science
C1	HS109	History I
D1	HS111	Psychology I
<b>Session 2:</b> 3:00 p.m. – 4:20 p.m.		<b>Oral Research Presentations</b>
<b>Panel</b>	<b>Room</b>	<b>Title</b>
A2	HS103	Biology II, Physics, and Computer Science
B2	HS107	Philosophy I – Ethics Bowl Presentation
C2	HS109	History II
D2	HS111	Psychology II and Marketing
<b>Session 3:</b> 4:30 p.m. – 5:50 p.m.		<b>Oral Research Presentations</b>
<b>Panel</b>	<b>Room</b>	<b>Title</b>
A3	HS103	Honors
B3	HS107	English
C3	HS109	History III, Philosophy II, and Education

### **Poster Presentation**

### **Guerrieri Academic Commons, 4<sup>th</sup> Floor Assembly Hall**

Welcome with Opening Remarks & Outstanding Research Mentor Award  
Poster Presentations & Refreshments

6:00 p.m. – 6:30 p.m.  
6:30 p.m. – 7:30 p.m.

*The Registration & Information table will be open:*

*12:30 p.m. - 4:30 p.m.      Henson Hall Lobby*

*5:00 p.m. - 6:00 p.m.      Guerrieri Academic Commons, 4<sup>th</sup> Floor Assembly Hall*

## **Registration Henson Science Hall Lobby 12:30 p.m.-4:30 p.m.**

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

### **Information Table Volunteers:**

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

*Annette Barnes, School of Nursing*

*Brent Fedorko, Exercise Science*

*Deneen Long-White, Public Health*

*Claire Williams, Department of Secondary and Physical Education*

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

*Carolina Brown, Department of Communication*

*Elizabeth Emmert, Department of Biological Sciences*

*Alejandro Tovar, College Assistance Migrant Program*

*Margarita Treuth, School of Health Sciences*

Session 2 (Henson Hall Lobby): 3:00 p.m.-4:30 p.m.

*Kelly Cowger, Guerrieri Student Union*

*Jeffrey Emmert, Department of Physics*

*Amy Jones, Salisbury University Libraries and Department of Modern Languages*

*Christy Weer, Dean of the Perdue School*

Session 3 (Henson Hall Lobby): 4:30 p.m.-5:50 p.m.

*Larence Becker, Department of Psychology*

*Michelle Fletcher, Political Science Department*

*Deeya Mitra, Department of Psychology*

*Maureen Reb, School of Health Sciences*

*JinGe (Mike) Yu, Office of Institutional Equity*

## ***I. Oral Presentation Sessions Henson Science Hall 1:30 p.m. - 5:45 p.m***

### ***Oral Session/Back-up Panel Moderators:***

**Oral Session 1** (Henson Hall): **1:30 p.m.-2:50p.m.**

*Stephanie Davis, University Writing Center*

*Meghan East, School of Health Sciences*

*Heidi Fritz, Department of Psychology*

*Thomas Lamey, Respiratory Therapy*

*Autumn Romanowski, Exercise Science*

*Yujia Song, Philosophy Department*

**Oral Session 2** (Henson Hall): **3:00 p.m.-4:20p.m.**

*Daniel Harris, Department of Geography and Geosciences*

*Eric Rittering, Political Science Department*

*Kim van Vulpen, School of Social Work*

*Mark Walter, Department of Psychology*

*Kristen Walton, History and Fellowships*

*John Wright, Music, Theatre and Dance*

**Oral Session 3** (Henson Hall): **4:30 p.m.-5:50 p.m.**

*Christina Camillo, Medical Laboratory Science Program*

*Alison Dewald, Department of Chemistry*

*Lance Garmon, Department of Psychology*

*Kwonchan Jeon, Public Health*

*Eugene Williams, Department of Biological Sciences*

1.

**▪ First Oral Session** **1:30 p.m. - 2:50 p.m.**

**A1 Biology I**

***Moderator: Meghan East***

1:30-1:45 **Ninja turtles: Low encounter probability affects estimation of turtle population sizes and survival**

**Karsin Bachran**

Faculty Mentor: Eric Liebgold, Biological Science; Tami Ransom, Environmental Studies

1:50-2:05 **Biodiversity of Scarabs on an Urban Campus**  
Philip Becnel  
Faculty Mentor: Dana Price, Biological Science

2:10-2:25 **A Literary Insight on Hashimoto's Thyroiditis**  
Jaime Burrows  
Faculty Mentor: Jennifer Nyland, Biological Sciences

2:30-2:45 **Identifying the genetic mutation in a female presenting with mild-to-moderate hearing loss**  
Margaret Giggey  
Faculty Mentor: Les Erickson, Biological Sciences

## **B1 Communication and Exercise Science**

*Moderator: Autumn Romanowski*

1:30-1:45 **Media Influence on Depression, Anxiety, and the Fear of Missing Out (FOMO)**  
Grace Engel  
Faculty Mentor: Chrys Egan, Department of Communication

1:50-2:05 **S.E.A.M Nonprofit**  
Haley Taylor, Carly Nascimbeni  
Faculty Mentor: Carolina Bown, Department of Communication; Ryan Weaver, Interdisciplinary Studies

2:10-2:25 **Social Media: The Truth Behind the Feed**  
Charlie Lucas  
Faculty Mentor: Shannon O'Sullivan, Department of Communication

2:30-2:45 **Effects of the Covid-19 Pandemic on Youth Activity Levels**  
Julia Lawrence  
Faculty Mentor: Autumn Romanowski, Exercise Science

## **C1 History I**

*Moderator: Yujia Song*

1:30-1:45 **George Washington and The French & Indian War**  
Johanna Gomes Speckhardt  
Faculty Mentor: Kristen Walton, History

1:50-2:05 **Sherd, Shards and Slivers: An Archeological Analysis of Makemie Site**  
**Colonial Ceramics**  
William Harrison  
Faculty Mentor: Elizabeth Ragan, History

2:10-2:25 **Witchcraft and the Disenfranchisement of Women in the English Speaking World**  
Liam Holmes  
Faculty Mentor: Kristen Walton, History

2:30-2:45 **What's the Point?: A Comparative Analysis of Prehistoric Projectile Points from Three Archaeological Sites in Maryland**  
William Kichline  
Faculty Mentor: Elizabeth Ragan, History

**D1 Psychology I***Moderator: Heidi Fritz***1:30-1:45 Coping During the COVID-19 Pandemic: Experiences of Women with Endometriosis**Abigail Adkins

Faculty Mentor: Heidi Fritz, Psychology

**1:50-2:05 Performative or Commitment for Diversity: Perspectives from Undergraduate Psychology Students using Photovoice.**Drevon Clark, Kierstyn Dixon, Ethan Lacy, Ryan Devine

Faculty Mentor: Yuki Okubo, Psychology; Michele Schlehofer, Psychology

**2:10-2:25 Self Care Strategies Through COVID-19**Ria McCormick, Rachelle Watson, Soleil Darbouze, Gabrielle Charlot-Swiley

Faculty Mentor: Yuki Okubo, Psychology; Michele Schlehofer, Psychology

**2:30-2:45 Empower, Engage, Evolve: The Impact of Photovoice through Participatory Action Research (PAR)**Zoe Moreno, Jaedyn Messer, Stephon Mason, Romona Harden

Faculty Mentor: Yuki Okubo, Psychology; Michele Schlehofer, Psychology

**▪ *Second Oral Session* 3:00 p.m. - 4:20 p.m.****A2 Biology II, Physics, and Computer Science***Moderator: Daniel Harris***3:00-3:15 Investigations into the carbon metabolism of a bioplastics-producing organism**Stephanie Miller

Faculty Mentor: Les Erickson, Biological Sciences

**3:20-3:35 Salisbury University Bird Campus Project GIS Integration with Arboretum Map**Frank Willingham, Lindsey Pinder

Faculty Mentor: Jeremy Corfield, Biological Sciences

**3:40-3:55 The Active Zone of Diffusion-Limited Aggregation**Zachary Wilson

Faculty Mentor: Gail Welsh, Physics

**4:00-4:15 Constructing a Cyber Security Lab and The Art of Cyber Attack**Jung An, Ryan Rosiak

Faculty Mentor: Sang-Eon Park and Christopher Arausa, Computer Science

**B2 Philosophy I – Ethics Bowl Presentation***Moderator: Eric Rittinger***3:00-4:15 Ethics Bowl Presentation**Carly Nascimbeni, Andrew Wilson, Tharaphy Khin, Sara Sellers, Wyatt Parks

Faculty Mentor: Grace Clement, Philosophy; Timothy Stock, Philosophy

**C2 History II***Moderator: Kristen Walton*

3:00-3:15 **Inflexible Philosophers: How the Neo-Confucian Scholars of Early Choson Korea Implanted Themselves**  
Eli Rush  
Faculty Mentor: Michael McCarty, History

3:20-3:35 **Ibn Khaldun's Theory of Asabiyyah: Examining the Withdrawal of Americans and Soviets from Afghanistan**  
William Seymour  
Faculty Mentor: Emin Lelic', History

3:40-3:55 **Flying High in The Shadows: Women Airforce Service Pilots In WWII**  
Samantha Steltzer  
Faculty Mentor: Kara French, History

4:00-4:15 **American strategy fighting the Seminal Wars**  
Carl Vogel  
Faculty Mentor: Kristen Walton, History

**D2 Psychology II and Marketing** *Moderator: Mark Walter*

3:00-3:15 **Who has racial privilege? The influence of social media on beliefs**  
Amanda Niederland, Dre'veon Clark, Camille Sims, Angela Rusek  
Faculty Mentor: Rachel Steele, Psychology

3:20-3:35 **Does Wordle Play Lead to Wordle Recall?**  
Caitlyn Shannon  
Faculty Mentor: Larence Becker, Psychology

3:40-3:55 **Experiences of Students with Disabilities During the Pandemic: Mental Health, Microaggressions, and Barriers to Education**  
Sydney Steeves, Gretchen Beernink, Erin Stiffler  
Faculty Mentor: Heidi Fritz, Psychology

4:00-4:15 **Grenoble Ecole de Management: My Study Abroad Experience in Grenoble, France**  
Julianne Mirenzi  
Faculty Mentor: Aaron Johnson, Management and Marketing

**• *Third Oral Session*** *4:30 p.m. - 5:50 p.m.*  
**A3 Honors** *Moderator: Christina Camillo*

4:30-4:45 **Prison Healthcare for the Disabled and Elderly: An Exploration of Systemic Deficits and Their Foundations**  
Samantha Magazine  
Faculty Mentor: Lauren Hill, Honors

4:50-5:05 **Students Failing School or Schools Failing Students: Critical Thinking Education Deficits in Public American Secondary Schools**

Jane Simoncic

Faculty Mentor: Lauren Hill, Honors

5:10-5:25

**At-Risk Youth Programs in Salisbury, MD**

Kayla Smith

Faculty Mentor: Lauren Hill, Honors

**B3**

**English**

*Moderator: Lance Garmon*

4:30-4:45

**Personality and Prosthesis: Bucky Barnes and the Marvel Cinematic Universe**

Chiara Benato

Faculty Mentor: Carolyne King, English

4:50-5:05

**Marvel Villains and Disability: An Analysis of Dr. Connors in The Amazing Spider-man**

Olivia Iimirie

Faculty Mentor: Carolyne King, English

5:10-5:25

**You Are Sexist, I Am Sexist: Internalized Misogyny and Its Implications For Women and Society**

Gabriella Seetoo-Ronk

Faculty Mentor: Carolyne King, English

5:30-5:45

**The A24 Effect: Art, Horror, and Cinema in the 21st Century**

Micah Weber

Faculty Mentor: Ryan Conrath, English

**C3 History III, Philosophy II, and Education**

*Moderator: Kwonchan Jeon*

4:30-4:45

**Diplomacy at the Court of Henry VIII**

Jarrett Walton

Faculty Mentor: Kristen Walton, History

4:50-5:05

**Socrates: Campaigning for Google's Censorship?**

Madison Marsh

Faculty Mentor: Yujia Song, Philosophy

5:10-5:25

**Visualizing Voting**

Sarah Lester

Faculty Mentor: Alexander Pope IV, Secondary and Physical Education

5:30-5:45

**The Importance of Oral Storytelling in the Classroom: Benefits, Lesson Planning, and Implementation**

Abigail Slovick

Faculty Mentor: MaryLouise Fineran, Early and Elementary Education

## **II. Welcome with Opening Remarks 6:00 p.m. - 6:30 p.m.**

### **Guerrieri Academic Commons, 4<sup>th</sup> Floor Assembly Hall**

Welcoming and opening remarks from Dr. Sherry Maykrantz (co-chair of SUSRC), Dr. Karen Olmstead (Provost and Vice President of Academic Affairs), and Dr. Clifton Griffin (Dean of Graduate Studies & Research). Winners of the SUSRC Poster Design and Outstanding Research Mentor Award will be announced.

## **III. Poster Presentation Session 6:30 p.m. - 7:30 p.m**

### **Guerrieri Academic Commons, 4<sup>th</sup> Floor Assembly Hall**

#### **Information Table Volunteer**

*Martin Hunter, Office of the Registrar*

#### **Poster Room Set-up Volunteers**

*Echo Leaver, Department of Psychology*

*James Parrigin, Salisbury University Libraries*

*Maureen Reb, School of Health Sciences*

### **Poster Presentations**

#### **1. The effects of lavendustin-A on peripheral nerve degeneration in hyperglycemic zebrafish**

Madison MacDougall

Faculty Mentor: Jessica Clark, Biological Sciences

#### **2. Impacts of hyperglycemia on optic nerve development and degeneration in larval zebrafish**

Virginia Murry

Faculty Mentor: Jessica Clark, Biological Sciences

#### **3. Intestinal dysmotility and structural changes in hyperglycemic *Danio rerio***

Melanie Staszewski

Faculty Mentor: Jessica Clark, Biological Sciences

#### **4. Ecological Analyses of Moss and Lichen Communities in Pocomoke State Forest**

Nathan Ashley

Faculty Mentor: Richard Wilkens, Biological Sciences

#### **5. Diet, Sex, Morphometrics, and Meristics of Blueline and Golden Tilefish Off of the Maryland Coast**

Kayla Camiscioli

Faculty Mentor: Ann Barse, Biological Sciences

#### **6. Factors affecting nest box selection and parasite prevalence in eastern screech owls (*Megascops asio*)**

George Carney, Lauren Fortescue

Faculty Mentor: Eric Liebgold, Biological Sciences; Tami Ransom, Environmental Studies

**7. Influences of Sterilization on Germination of Jack Pine Seed, *Pinus banksiana***  
Kailey Chase, Samantha Smith  
Faculty Mentor: Elizabeth Emmert, Biological Sciences

**8. Distribution of central vasopressin 1a receptor in three Pyllostomid bats**  
Joanna Diaz-Ocana, Alexander Apodaca, Katie Ekholm  
Faculty Mentor: Angela Freeman, Biological Sciences

**9. Did phospholipids evolve to stabilize the fatty acid membranes of early protocells?**  
Brianna Esker, Emily Hopkins, Sarah Allen, Paula Fabiano  
Faculty Mentor: Eugene Williams, Biological Sciences

**10. Evaluating the Mostela technique for documenting American mink (*Neogale vison*) and long-tailed weasel (*Neogale frenata*) populations on Delmarva**  
Jeremy Green  
Faculty Mentor: Aaron Hogue, Biological Sciences

**11. Classification of Soil Microbes as Indicators for Fecal Pollution**  
Azalie Haro, Jordan Sinclair  
Faculty Mentor: Elizabeth Emmert, Biological Sciences

**12. Water Assessment of the Nanticoke, Pocomoke, and Wicomico Rivers; Comparing Water Quality to Land Use**  
James Kunkel  
Faculty Mentor: Jennifer Nyland, Biological Sciences; Christina Bradley, Biological Sciences

**13. An Ounce of Prevention is Worth a Pound of Cure: The Effects of Hospital-acquired Infections on the Modern Healthcare System**  
Reagan Little  
Faculty Mentor: Elizabeth Emmert, Biological Sciences

**14. Analysis of Microbial Communities Associated with Jackpine Seeds**  
Emily Mattheu  
Faculty Mentor: Philip Anderson, Biological Sciences

**15. Distribution of central oxytocin receptor in three Phyllostomid bats**  
Adebola Okusolubo, Kaela Green  
Faculty Mentor: Angela Freeman, Biological Sciences

**16. Rare and Endangered Bees of Maryland**  
Min Oo  
Faculty Mentor: Dana Price, Biological Sciences

**17. Hoo's moving? Effects of color morph on Eastern Screech Owl (*Megascops asio*) movement patterns**  
Amaya Remmel, Alice Oshinrongboye, Ashley Adams  
Faculty Mentor: Eric Liebgold, Biological Sciences; Tami Ransom, Environmental Studies

**18. Microbial Ecology in the Upper Tributaries of the Chesapeake Bay**

Aerin Rost-Nasshan

Faculty Mentor: Jennifer Nyland, Biological Sciences

**19. Testing local environmental samples for SARS-CoV-2**

Allison Langlois, Usra Alaraki

Faculty Mentor: Alison Dewald, Chemistry

**20. Investigating Opa Folding Behavior in Liposomes under Varying Conditions**

Grace Pelagatti

Faculty Mentor: Alison Dewald, Chemistry

**21. The Intersectionality of Environmental Conflict and Disability in Maryland, Other States, and Abroad**

Jacob Goodman

Faculty Mentor: Brittany Foutz, Conflict Analysis and Dispute Resolution

**22. A Rise in Student Apprehension; Investigating the Impact of Communication Anxiety Among Undergraduate Students**

Brendan Link

Faculty Mentor: Darrell Mullins, Department of Communication

**23. Access Week: A Social Media Campaign to Educate and Spread Awareness About Disabilities, Accessibility, and Resources on the Salisbury University Campus**

Madison Darrah

Faculty Mentor: Candace Henry, Disability Resource Center

**24. Herpetological Survey Report On Poplar Island, MD**

Sophia Durán Liceaga , Andrew Southworth, Taylor Smithhisler

Faculty Mentor: Tami Ransom, Environmental Studies

**25. Movement differences between injured and uninjured endangered Spotted Turtles (*Clemmys guttata*)**

Sophia Lundein, Jeremy Green, Carl Brown

Faculty Mentor: Tami Ransom, Environmental Studies; Eric Liebgold, Biological Sciences

**26. Effectiveness of Aquatic Exercise on Physical Therapy Treatment**

Natavia Galloway

Faculty Mentor: Zachary Townsend, Exercise Science

**27. The benefits of therapeutic virtual reality**

Sarah Tinelli, Tina Lopez, Ryan Terry

Faculty Mentor: Zachary Townsend, Exercise Science

**28. Effect of Exercise on Mental Health**

Kaitlyn Vance

Faculty Mentor: Zachary Townsend, Exercise Science

**29. How student athletes are positively effected by travel sport programming**

Jordan Hawthorne

Faculty Mentor: Catherine Jackson, Fulton School of Liberal Arts

**30. Wilderness Therapy for Adolescents with Mental and Behavioral Health Disorders**

Kara Holland

Faculty Mentor: Catherine Jackson, Fulton School of Liberal Arts

**31. Baseline Study of Possible Point Source Contribution of Per- and Polyfluoroalkyl Substances (PFAs) on the Wicomico River Watershed, Eastern Shore of Maryland**

Megan Ravert

Faculty Mentor: Thomas Cawthern, Geography and Geosciences

**32. Drones: A Path to a Tech Driven Future**

Gavin Reagle

Faculty Mentor: Gene Hahn, Information and Decision Sciences

**33. Dorothea Dix and Her Lasting Influence on Mental Health Nursing**

Claire Cornell

Faculty Mentor: William Campbell, Nursing

**34. Children's Short Stories on Mental Health**

Mary Treacy

Faculty Mentor: Cristina Cammarano, Philosophy

**35. Piecing Germany into the European Puzzle: Is Germany the Hegemon of EU Climate Policy?**

Matthew Bernor

Faculty Mentor: Eric Ritterer, Political Science; Brittany Foutz, Conflict Analysis and Dispute Resolution

**36. "Wicomico County (MD) Farmers' attitudes toward proposed Farm System Reform Act (2021)"**

Maxwell Forrest

Faculty Mentor: Michelle Fletcher, Political Science

**37. Do Accomplished Musicians Go Through a Sampling Period?**

Josie Amberman, Zoe Michelle Bradshaw

Faculty Mentor: Larence Becker, Psychology

**38. Nationalism and Attitudes Toward Climate Change: Testing a Solution Aversion Hypothesis**

Gabrielle Atkinson, Mackenzie Nickle, Alison Weeg, Justin Lazzarino

Faculty Mentor: Mark Walter, Psychology

**39. Getting Ready to Learn: The role of agitation level on children's learning**

Regan Benton

Faculty Mentor: Rhynnon Bemis, Psychology

**40. Incapacitated and/or Forcible Rape Experience Predicting College Women's Rape Victim**

Empathy

Tieryn Gingerich Heishman

Faculty Mentor: Suzanne Osman, Psychology

**41. An Interdisciplinary Framework to Understand Climate Change in Organizations: A Review of the Professional Literature**

Sean Kelly

Faculty Mentor: Karl Maier, Psychology

**42. Black power! Are Black people living in a time of new privileges?**

Camille Sims

Faculty Mentor: Rachel Steele, Psychology

**43. MASCUP**

Kasey Schlack, Safaa Elfernani

Faculty Mentor: Brandye Nobiling, Public Health

**44. LGBTQ+ community needs assessment**

Zakera Banks

Faculty Mentor: Diane Illig, Sociology

**45. Educational racism: Analysis on systemic racism in American education**

James Jackson

Faculty Mentor: Diane Illig, Sociology; Timothy Dunn, Sociology

**46. Microplastics Contamination in Maryland Coastal Bays: *Leiostomus xanthurus* (Spot) as a Bioindicator**

Heather Delaplaine

Faculty Mentor: Ali Ishaque, UMES

**IV. Outstanding Research Mentor Award**

The Salisbury University Student Research Conference Committee is pleased to announce the Outstanding Research Mentor Award at the poster session to be held from 6:00-7:30pm in Academic Commons (4th Floor Assembly Hall). This award celebrates faculty mentors who have proven excellent supervisors of student research or creative work.

**The 2022 Outstanding Research Mentor Award Nominees are:**

*Dr. Douglas Barrett – Department of Communication*

*Dr. Rhyannon Bemis – Psychology*

*Dr. Rachel Buchanan – Social Work*

*Dr. Jeremy Corfield – Biological Sciences*

*Dr. Diane Davis – Medical Laboratory Science*

*Dr. Randall Groth – Secondary and Physical Education*

*Dr. Carolyne King – English*

*Dr. Suzanne Osman – Psychology*

*Dr. Joshua Sokoloski - Chemistry*

*Dr. Sarah Surak – Political Science/Environmental Studies*

*Dr. Thea Williamson – Literacy Studies*

*Dr. Bill Wolff – Art*

*Dr. Brent Zaprowski – Geography and Geosciences*

## ***V. 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:**

Meghan East published "Understanding medical laboratory science (MLS) disciplinary reading practices using collaborative retrospective miscue analysis (CRMA)" in ProQuest Dissertations & Theses Global.

Meghan East co-authored "Using EMMA to understand medical laboratory science college student's reading of a disciplinary specific science text" In M.P. Liwanag, K. Kim, & P. Martens (Eds.), *Understanding Literacy Using Eye Movement Miscue Analysis (EMMA) in a Global World*. New York, NY: DIO Press, Inc.

Halle Lane co-authored "Predicting college women's self-esteem based on verbal coercion experience and verbal tactic items on the Revised Sexual Experiences Survey" which is in press in the *Journal of Interpersonal Violence*.

Madison MacDougall authored "SARS-CoV2 and multiple sclerosis: Potential for disease exacerbation" in *Frontiers in Immunology*

Honor McElroy published "On the Importance of Shared Reading During a Pandemic" in the *English Journal*.

Honor McElroy co-authored "Feelings of uncertainty and certainty: An exploration of an emergent doctoral researcher through a collaborative EMMA inquiry." which is published in M. P. Liwanag, P. Martens, & K. Kim (Eds.), *Understanding Literacy Using Eye Movement Miscue Analysis in a Global World*. DIO Press Inc.

Sheridan Sargent co-authored "Regenerative potential and limitations in a zebrafish model of hyperglycemia-induced nerve degeneration" in *Developmental Dynamics*

Stephanie Warman co-authored "On the spectral properties of the quantum homology of odd quadrics" which is to appear in *Involve, a Journal of Mathematics*

### **Student Publications in Laridae:**

Emily Alessandrini "Survivability of Clinically Significant Organisms on Blood Glucose Test Strips" in *Laridae*, 3<sup>rd</sup> Edition, Fall 2021

Jeri Alexander, Philip Croft, Hannah Gordon, Joshua Killen, and James Turner published "Cast Metal Menagerie" in *Laridae*, 3<sup>rd</sup> Edition, Fall 2021

Jacob Beaver published "Zack Snyder's Justice League: A Paratextual Hero's Journey" in *Laridae*, 3<sup>rd</sup> Edition, Fall 2021

Chloe Birch published "How *Schitt's Creek* Affirms Sexual Orientation and Gender Identity" in *Laridae*, 3<sup>rd</sup> Edition, Fall 2021

Daniela Baron Cruz and Lizeth Fernanda Hoyos Diaz published “Seed-Dispersing Bats for Ecological Restoration of Sub-Andean Forest, Upper Ceibas River Basin” in *Laridae*, 3<sup>rd</sup> Edition, Fall 2021

Bailey Didriksen published “Silver Ions and the Stability of Histone-Like Nucleoid-Structuring Protein from *E. coli*” in *Laridae*, 3<sup>rd</sup> Edition, Fall 2021

Caitlyn Edman, Kyaw Hsu Thway, Yadanar Than Naing, Madison Jermain, Ryan Joyce, Stefan Hancock, Khadija Bhatti, Michael S. Carter published “Tackling the Trash Pile: Understanding L-ascorbate Metabolism of *Ralstonia eutropha* H16 to Enhance Bioplastic Production” *Laridae*, 3<sup>rd</sup> Edition, Fall 2021

Emilie Ekholm published “Faunal Colonization: A Comparative Analysis of Two 17<sup>th</sup> Century Chesapeake Sites” in *Laridae*, 3<sup>rd</sup> Edition, Fall 2021

Isabella Rose Garrison published “Everything Withers in the Arms of Fall” in *Laridae*, 3<sup>rd</sup> Edition, Fall 2021

Bill Gibbons published “Quantum Entanglement” in *Laridae*, 3<sup>rd</sup> Edition, Fall 2021

Eric Johnson Jr published “Urban Culture” in *Laridae*, 3<sup>rd</sup> Edition, Fall 2021

N’Tumahawa Kamara published “Navigating Maternity Care: An Analysis of Doulas’ Experiences During COVID-19” in *Laridae*, 3<sup>rd</sup> Edition, Fall 2021

Tharaphy Khin published “Representations of Arab Women in the Media” in *Laridae*, 3<sup>rd</sup> Edition, Fall 2021

Joshua Killen published “Mass, Entropy, and Odds Vol. 2” in *Laridae*, 3<sup>rd</sup> Edition, Fall 2021

Elliana Larsen published “Students with High Functioning Autism Spectrum Disorder: The Impact of Individualized Education Programs and General Education Integration” in *Laridae*, 3<sup>rd</sup> Edition, Fall 2021

Jack Lenox published “The Impact of Hyperglycemia on Intestinal Motility in *Danio Rerio* (Zebrafish)” in *Laridae*, 3<sup>rd</sup> Edition, Fall 2021

Anna M. Long published “The Native Voice in the National Narrative: Native Presence on the Eastern Shore of Maryland” in *Laridae*, 3<sup>rd</sup> Edition, Fall 2021

Carly Nascimbeni published “Closing the Treatment Gap in Black Men and Mental Illness” in *Laridae*, 3<sup>rd</sup> Edition, Fall 2021

Brigid O’Connor published “China, Soft Power, and Influence Over Asia” in *Laridae*, 3<sup>rd</sup> Edition, Fall 2021

Philippa Roberts published “In Their Own Way” in *Laridae*, 3<sup>rd</sup> Edition, Fall 2021

### **Student Presentations at the National Conference on Undergraduate Research**

Abigail Adkins presented “The C.A.R.E. Study: Coping and Reacting to Endometriosis in the COVID-19 Pandemic” at the National Conference on Undergraduate Research, April 2022

Allison Bradford presented “Decreasing Physical Inactivity Level: A Theory-Based Intervention Targeting Adults in Caroline County, MD” at the National Conference on Undergraduate Research, April 2022

Cameron Cash presented “What Is Fascism, And Was The Former Administration A Fascist Government?” at the National Conference on Undergraduate Research, April 2022

Christian Ciattei presented “Landscape affects the group cohesion of yellow-breasted capuchin monkeys (Sapajus xanthosternos)” at the National Conference on Undergraduate Research, April 2022

Joseph Fernandez presented “Graph Clustering with Applications on Covid-19 Growth Data Across the United States” at the National Conference on Undergraduate Research, April 2022

Wyatt Gibbs and Delaney Link presented “Facile Aqueous Microwave-Assisted CdSe/ZnS Core/Shell Synthesis Parameter Study and QD Xerogel GISAXS Characterization/Grätzel Cell Integration” at the National Conference on Undergraduate Research, April 2022

Bradley Layne presented “Cheap, In-House Characterization of Quantum Dot Size and Stoichiometry Using Diffusion Ordered NMR (DOSY) and Atomic Absorption Spectroscopy (AAS)” at the National Conference on Undergraduate Research, April 2022

Sarah Lester presented “Visualizing Voting” at the National Conference on Undergraduate Research, April 2022

Madison MacDougall presented “The effects of lavendustin-A on peripheral nerve degeneration in hyperglycemic Danio rerio” at the National Conference on Undergraduate Research, April 2022

Abbi Petinatti presented “A Sustainable Folk Festival” at the National Conference on Undergraduate Research, April 2022

Zach Schulze presented “Chaotic Dynamics of a Pendulum-Cart-Spring System” at the National Conference on Undergraduate Research, April 2022

Melanie Staszewski presented “Comparing Escherichia coli strains of UTI-positive female urinary and gastrointestinal tracts” at the National Conference on Undergraduate Research, April 2022

Maya Thompson abstract entitled “The Roaming Country” was accepted to the National Conference on Undergraduate Research, April 2022

Samantha Walsh presented “Is COVID-19 Causing a Shift in Socioemotional Goals in Young Adults? A Study on the Global Pandemic and its Impacts” at the National Conference on Undergraduate Research, April 2022

### **Student Presentations at Posters on the Bay:**

Josh Arinze present “Realities in Mental Health for Latinx Sexual Minority Youth” at the Fifth annual Posters on the Bay, February 2022

Connor Bean presented “Combinatorial Curve Neighborhoods for a Family of Odd Symplectic Flags” at the Fifth annual Posters on the Bay, February 2022

Matthew Bernor presented “Piecing Germany into the European Puzzle: Is Germany the Hegeman of EU Climate Policy?” at the Fifth annual Posters on the Bay, February 2022

Joseph Fernandez present “Graph Clustering with Applications on Covid-19 Growth Data Across the United States” at the Fifth annual Posters on the Bay, February 2022

Casey Finnegan presented “Enhancing RNA Aggregation Through Temperature Cycling and Intrinsically Disordered RNA Binding Peptides” at the Fifth annual Posters on the Bay, February 2022

Wyatt Gibbs presented “Facile Synthesis of Aqueous Reversibly Linked CdSe/ZnS, CulnS2/ZnS QD Xerogels for More Stable Solar Cell Device Construction” at the Fifth annual Posters on the Bay, February 2022

Tieryn Gingerich Hesichman presented “Incapacited and/or Forceable Rape Experience Predicting College Women’s Rape Victim Empathy” at the Fifth annual Posters on the Bay, February 2022

Jake M. Goodman presented “The Intersectionality of Environmental Conflict and Disability in Maryland, Other States, and Abroad” at the Fifth annual Posters on the Bay, February 2022

Katelyn Hancock presented “The Culper Ring: America’s First Spy Ring” at the Fifth annual Posters on the Bay, February 2022

Emma Kelly presented “Impact of COVID-19 on Young Adults’ Socioemotional Perspective” at the Fifth annual Posters on the Bay, February 2022

Allison Langlois presented “Bioformatic Analysis and Characterization of the Enzyme SE1966-A Putative Nitroreductase” at the Fifth annual Posters on the Bay, February 2022

Delaney Link presented “Exploration of Material Properties from both Scientific and Artistic Perspectives” at the Fifth annual Posters on the Bay, February 2022

Madison MacDougall presented “The Effects of Lavendustin-A on Peripheral Nerve Degeneration in Hyperglycemic Danio Rerio” at the Fifth annual Posters on the Bay, February 2022

Delany Midash presented “Sedimentological Properties of a Transitioning Fluvial System” at the Fifth annual Posters on the Bay, February 2022

Abbi Pettinati presented “A Sustainable Folk Festival” at the Fifth annual Posters on the Bay, February 2022

Mikayla Wiseman presented “Pestilence, Plague, and the Pied Piper: Living Fairy Tales in the Post-Truth Pandemic World” at the Fifth annual Posters on the Bay, February 2022

### **Student Presentations at the Summer Student Research Showcase:**

Kutter Aaron and Joshua Cobb presented “Usability Study of UWLES Website” at the annual Salisbury University Summer Student Research Showcase, September 2021

Usra Alaraki presented “Stability of Tertiary and Secondary Structure within the Noncoding Regions of Coronaviruses” at the annual Salisbury University Summer Student Research Showcase, September 2021

Jeri Alexander and Jared Alexander presented “Salisbury Zoo Andean Bear Exhibit Fabrication” at the annual Salisbury University Summer Student Research Showcase, September 2021

Aaliyah Bean presented “Turtle versus Predator: The Relationship Between Predator Activity and Sex Ratio of Endangered Spotted Turtles (*Clemmys Guttata*)” at the annual Salisbury University Summer Student Research Showcase, September 2021

Gerard Boyd presented “Differences in Peak Power Influence Metabolic Rate Responses from Squats Using Varying Explosive and Recreational Contractions” at the annual Salisbury University Summer Student Research Showcase, September 2021

Mason Cervantes presented “The Effects of Functional Body-Weight Training on Resting Blood Pressure Measures” at the annual Salisbury University Summer Student Research Showcase, September 2021

Allison Dreiss presented “Land Use and Water Quality Correlation in the Wicomico River Watershed: A Geographic and Sustainability Analysis” at the annual Salisbury University Summer Student Research Showcase, September 2021

Kelsie Endicott presented “The Ecology of Writing, Feedback, and Revision Practices in an Upper-Level English Course: Preliminary Findings” at the annual Salisbury University Summer Student Research Showcase, September 2021

Joseph Fernandez presented “Graph Clustering with Applications on COVID-19 Growth Data Across the United States” at the annual Salisbury University Summer Student Research Showcase, September 2021

Kyle Hensley presented “Biaryl Monophosphine Ligands For More Efficient Cross Coupling Reactions” at the annual Salisbury University Summer Student Research Showcase, September 2021

Nora Hetzer and Elaine Ferraro presented “May Literacy Center Culturally Sustaining Pedagogical Practice Study” at the annual Salisbury University Summer Student Research Showcase, September 2021

Megan Hines presented “The Nature of Preservice Teachers’ Digital Literacies Practices and Implications for Their Future Careers” at the annual Salisbury University Summer Student Research Showcase, September 2021

Tharaphy Khin presented “Reimaging Burma’s Future Beyond Aung San Suu Kyi: A Philosophical Exploration” at the annual Salisbury University Summer Student Research Showcase, September 2021

Dylan Laconich presented “Contemporaneous Urban Conflicts with Ancient Greek Plans: The Case Study of New York City” at the annual Salisbury University Summer Student Research Showcase, September 2021

Janice Lee presented “Navigating Growing Up Biracial” at the annual Salisbury University Summer Student Research Showcase, September 2021

Madison MacDougall presented “The Effects of Lavendustin-A on Peripheral Nerve Degeneration in Hyperglycemic Zebrafish” at the annual Salisbury University Summer Student Research Showcase, September 2021

Blaine Mason presented “Simple Robust Learning of Some Simplicial Polytopes” at the annual Salisbury University Summer Student Research Showcase, September 2021

Delany Midash presented “The Sedimentological Properties of a Submerging Freshwater Tidal River System” at the annual Salisbury University Summer Student Research Showcase, September 2021

Stephanie Miller presented “Redundancies in Evolution? The Utilization of Multiple Acetyl-CoA Assimilation Pathways in a Single Bacterium, Rhodobacter Capsulatus SB1003” at the annual Salisbury University Summer Student Research Showcase, September 2021

Connor Morningred and Brittany Grubb presented “Habitat Assessment of the Endangered King’s Hairstreak” at the annual Salisbury University Summer Student Research Showcase, September 2021

Anne Noctor presented “Demystifying Digital Discourse: Baby Boomers Talk Tech” at the annual Salisbury University Summer Student Research Showcase, September 2021

Kreena C. Patel presented “SU Nursing Students’ Knowledge, Attitude, and Experience of LGBTQ+ People” at the annual Salisbury University Summer Student Research Showcase, September 2021

Ethan Robins presented “Comparing Energy Expenditure During and After Different Squats with Matched Work but Varying Contraction Intensities and Loads” at the annual Salisbury University Summer Student Research Showcase, September 2021

Aeria Rost-Nasshan presented “Investigation into Multiple Acetyl-CoA Assimilation Pathways in a Single Organism” at the annual Salisbury University Summer Student Research Showcase, September 2021

Sherian Sargent presented “Hyperglycemia Impairs Vertebral Development in Danio Rerio” at the annual Salisbury University Summer Student Research Showcase, September 2021

Jessica M. Strange presented “The Effects of Mercuric Chloride on Acelchollnesterase in Vitro” at the annual Salisbury University Summer Student Research Showcase, September 2021

Melanie Staszewski presented “Organometallic MRI Contrast Agents” Middle Atlantic Regional Meeting of the American Chemical Society, June 2021

Melanie Staszewski presented “Comparing E. coli strains of UTI-positive female urinary and gastrointestinal tracts” at the KUH R25 Summer Undergraduate Research Symposium, August 2021

Melanie Staszewski presented “Student-Executives: The New Faces of Learning Assistant Leadership” at the Maryland College Learning Center Association Conference, March 2022

Haley Taylor presented “Who Gets to be a Knower: Tackling Epistemic Injustice in Collaboration with the R.E.A.C.H. Initiative” at the annual Salisbury University Summer Student Research Showcase, September 2021

Brandon Tenaglia presented “Investigating RNA Aggregations and their Possible Role in SARS-CoV-2 Viral Synthesis” at the annual Salisbury University Summer Student Research Showcase, September 2021

Samantha Walsh presented “Is COVID-19 Impacting Socioemotional Goals in Young Adults?” at the annual Salisbury University Summer Student Research Showcase, September 2021

Destiny Williams presented “The Relationship between Climate Change, Crop Yield, and Pesticide Use on Potato Crops in Idaho, 1990-2020” at the annual Salisbury University Summer Student Research Showcase, September 2021

Mikayla Wiseman presented “Pestilence, Plague, and the Pied Piper: Living Fairy Tales in the Post-Truth Pandemic World” at the annual Salisbury University Summer Student Research Showcase, September 2021

Alison Wright presented “An Examination of Professional Alternative Dispute Resolution in the United States: Preliminary Findings” at the annual Salisbury University Summer Student Research Showcase, September 2021

### **Student Fellowships:**

Abiodun Adeoye received the Charles B Rangel International Affairs Graduate Fellowship

Abiodun Adeoye was a finalist for the Thomas R Pickering Foreign Affairs Fellowship

Chacier Alexander was a semifinalist for the Fulbright Open Study/Research Award to Turkey

Kimberly Arriaga Gonzalez was a semifinalist for the Fulbright English Teaching Assistantship to Peru

Ayawavi Atameklo was a semifinalist for the Fulbright English Teaching Assistantship to Germany

Abigail Boltz received the Fulbright Open Study/Research Award to Finland

Lela Bones received the NSF-Graduate Research Fellowship Program to Cornell University

Christian Ciattei was a finalist for the Rhodes Scholarship

Christian Ciattei was a semifinalist for the Fulbright Open Study/Research Award to Brazil

Leah Disbennet was a semifinalist for the Fulbright English Teaching Assistantship to Montenegro

Aida Dodo was a semifinalist for the Fulbright English Teaching Assistantship to Madagascar

Emma Edwards was a semifinalist for the Fulbright English Teaching Assistantship to Colombia

Cole Gahagan was a semifinalist for the Fulbright English Teaching Assistantship to Spain

Ntumawaha Kamara was a finalist for the Fulbright English Teaching Assistantship to Bulgaria

Ntumawaha Kamara received the Donald M Payne International Development Graduate Fellowship

Madison MacDougall received a Millenium Fellowship (Class of 2021)

Madison MacDougall was a semifinalist for the Fulbright Open Study/Research award to Canada

Morgan McClone-Smith received the Fulbright English Teaching Assistantship to Romania

Jessica Pierce was an alternate for the Gates Cambridge Scholarship

Nathaniel Sansom received the Hertog Summer Fellowship

Nathaniel Sansom was a finalist for the Fulbright English Teaching Assistantship to the Slovak Republic

Melanie Staszewski received a Millenium Fellowship (Class of 2021)

Melanie Staszewski received the Fulbright Open Study/Research Award to Poland

Kylie Webb was a finalist for the Fulbright English Teaching Assistantship to the Czech Republic

Alison Wight was awarded a Graduate UNESCO Research Fellowship with the Bosserman Center for Conflict Resolution (BCCR) at Salisbury University.

### **Student Presentations and Performances:**

Jacob Beaver presented “Zack Snyder: A Modern Auteur” at the Popular Culture Association National Conference, June 2021

Jacob Beaver presented “Zack Snyder: A Modern Auteur” at AwesomeCon 2021, August 2021

Regan Benton presented “Getting Ready to Learn: The Role of Agitation Level on Children's Learning” at the annual meeting of the Eastern Psychological Association, March 2022

Gerard Boyd will be presenting “Similar metabolic responses during resistance exercise despite significant differences in power: effects of matched work” at the annual meeting of the American College of Sports Medicine, May 2022

Haley Cristea present “An equity audit: Evaluating two universities' public-facing diversity information” at the American Educational Research Association Annual Meeting, April 2022

Meghan East presented “Learning Exchange: Designing and Conducting Research Grounded in Community Need” at the Carnegie Project on the Education Doctorate, October 2021

Kelsie Endicott presented “Avoiding the Iceberg: How Consultants Can Prevent Sinking the Proverbial Ship of a Session by Recognizing When Reading Concerns Underlie Visible Writing Concerns” at the International Writing Centers Association (IWCA) virtual conference, October 2021.

Kelsie Endicott presented "Negotiated learning spaces: The ecology of writing, feedback, and revision in a disability and writing course" at the annual Conference on College Composition and Communication (CCCC), March 2022

Kelsie Endicott presented "Exploring the ecology of writing, feedback, and revision in an upper-level English course " at the annual Literacy Research Association (LRA) conference, December 2021

Kelsie Endicott presented " Flying under the radar: The role of reading in a university writing center" at the annual Conference on College Composition and Communication (CCCC), April 2021

Tierny Gingerich Heishman presented " Incapacitated and/or forcible rape experience predicting college women's rape victim empathy " at the annual meeting of the Eastern Psychological Association, March 2022.

Olivia Imirie presented " Wrestling with Writer's Block: Pedagogical Interventions that work, and Why" at the College Composition and Communications Conference, March 2022

Olivia Imirie presented "A Source of Writing Anxiety? Anxious Writers and Pandemic Pedagogy" at the Two-Year College Association conference, 2022

Kyla Jones presented "Building Bridges: A Collaboration with a High School Writing Center" at the International Writing Centers Association (IWCA) virtual conference, October 2021.

Halle Lane presented "Verbal coercion experience and verbal tactic items on the Revised Sexual Experiences Survey predicting college women's self-esteem" at the annual meeting of the Society for the Scientific Study of Sexuality, November 2021

Madison MacDougall presented "The effects of lavendustin-A on peripheral nerve degeneration in hyperglycemic Danio rerio" at Posters on the Hill, April 2022

Madison MacDougall presented "The effects of lavendustin-A on peripheral nerve degeneration in hyperglycemic Danio rerio" at Experimental Biology, April 2022

Honor McElroy presented " An equity audit: Evaluating two universities' public-facing diversity information" at the American Educational Research Association Annual Meeting, April 2022

Abbi Petinatti presented "Sustainable Event Planning in Salisbury, MD" at the Pi Sigma Alpha National Student Research Conference, March 2022.

Ethan Robbins will be presenting "Energy cost from squats with matched work but varying contraction intensities and loads" at the annual meeting of the American College of Sports Medicine, May 2022

Sheridan Sargent presented "Impaired Vertebral Development Following Hyperglycemic Induction and Recovery in Danio rerio" at Experimental Biology, April 2022

Anne Silva presented "Linguistic Equity in Second Language Writing: Considering Students' Rights to Their Own Language in SLW Pedagogy" at the College Composition and Communication conference, March 2022

Samantha Steltzer presented “Flying High in the Shadows: Women Air Force Service Pilots in WWII” at the Northeast Regional Honors Conference, April 2022

Steven Shoop presented “Composition Through a Different Lens: Using Film and Film Studies to Promote Access and Inclusion in the Writing Classroom” at the Conference for College Composition and Communication, March 2022

Hunter Whitt presented “Accommodation Transfer” at the NorthEast MLA Conference, March 2022.

### **Student Awards, Honors, and Other Activities of Distinction:**

Megan Bradley was a nominee for the Kennedy Center American College Theatre Festival Region 2 Irene Ryan Acting Scholarship

Emily Madison was appointed to the position of Executive Vice President of Graduate Affairs for University System of Maryland. It is an Advisory Council to the Board of Regents for the State of Maryland.

Jake Nail was a finalist for the Kennedy Center American College Theatre Festival Region 2 Irene Ryan Acting Scholarship

Sheridan Sargent received the American Physiological Society Cell and Molecular Section 2022 Robert Gunn Award

Sheridan Sargent received the American Physiological Society Cell and Molecular Section 2021 Research Recognition Award

Andrea Sicoli was a nominee for the Kennedy Center American College Theatre Festival Region 2 Excellence in Stage Management

Melanie Staszewski was accepted to the L.A.U.D. Summer Research Program at Loyola University Chicago, Summer 2021

Melanie Staszewski received the Women’s Circle Educational Enhancement Award, Summer 2021

Samantha Steltzer hosted an exhibition "A Labor of Love" - Baking Traditions Across the Eastern Shore of Maryland at the Nabb Center, Fall 2021.

Michael Tomaszewski was a volunteer and participant at Ocean City Film Festival

Kennedy Workman won first place in the Terps in Space Mission Patch Design Competition. Her design will be printed and sent to the International Space Station in the Summer of 2022.

Alison Wight was awarded a Graduate UNESCO Research Fellowship with the Bosserman Center for Conflict Resolution (BCCR) at Salisbury University.

## ***VI. Acknowledgements***

- **2022 SUSRC Graphics & Program Cover:**
  - Emily Montanye (Winner 2022 SUSRC Poster Contest)
    - Special Thanks

- Allison Seth, Assistant Professor, Art Department
- Recognizing Other Student Poster Designers
  - Emily Barrett
  - Taylor Higgs
  - Emma Keyser
  - Nicholas Manolatos
  - Rachel Mayer
  - Maci McCubbin
  - Bryce Porter
  - Lily Smith
  - Gabby Wilkins
  - Cindy Zheng

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

Dr. Clifton Griffin, *Dean of Graduate Studies & Research*  
Elizabeth Geiger, *Specialist Graduate Enrollment*  
Vanessa Collins, *Research & Account Compliance Specialist*  
Teri Herberger, *Director of Sponsored Research Programs*  
Donna Knopf, *Executive Administrative Assistant*  
Haleigh LaChance, *Contract & Grants Specialist*  
Jessica Scott, *Graduate Program Manager*  
Beth Walsh, *Grants Specialist*  
Dr. Doug DeWitt, *Graduate Council Chair*

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

Rhyannon Bemis, *Director*  
Alison Wright, *Graduate Assistant*

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

**2021-2022 Cohort of OURCA Undergraduate Research Fellows:**

Gerard Boyd, *Exercise Science*  
Romona Harden, *Psychology*  
Marissa Izykowcz, *Biology*  
Madison MacDougall, *Biology and Psychology*  
Melanie Staszewski, *Biology*

▪ **SU Student Research Conference Committee:**

Lisa Ball, *Henson School of Science and Technology*  
Rhyannon Bemis, *Psychology*  
Moushumi Chakraborty, *Library*  
Yvonne Downie Hanley, *Perdue School of Business*  
Brian Hill, *Economics and Finance*  
Sherry Maykrantz (co-chair), *Community Health*  
Zac Townsend, *Exercise Science*  
Aurélie Van de Wiele, *Modern Languages*

Tim Werner (co-chair), *Exercise Science*

Alison Wright, *OURCA GA*

**▪ Administration Support:**

Dr. Charles A. Wight, *President*

Dr. Karen Olmstead, *Provost and Vice President of Academic Affairs*

Dr. Melissa Boog, *Associate Vice President*

Dr. Kara Owens, *Associate Vice President for Planning & Assessment*

Dr. Jessica Clark, *Assistant Provost for Faculty Success*

Ms. Tara Smith, *Director of Academic Affairs Administrative Operations*

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

Dr. Michael Scott, *Dean of the Richard A. Henson School of Science and Technology*

Dr. Christy Weer, *Dean of the Franklin P. Perdue School of Business*

Dr. Maarten Pereboom, *Dean of the Charles R. and Martha N. Fulton School of Liberal Arts*

Dr. Kelly Fiala, *Dean of the College of Health and Human Services*

Dr. Laurie Henry, *Dean of the Samuel W. and Marilyn C. Seidel School of Education*

Dr. Andrew Martino, *Dean of Honors College*

Dr. Beatriz Hardy, *Dean of Libraries and Instructional Resources*

**▪ Technical Support:**

Donna Knopf, Degan Allen, Scott Garrison, Todd Smith

***Thank you to all our presenters, mentors, volunteers, support folks, and committee members! See you at the 21<sup>st</sup> Annual Salisbury University Student Research Conference in April 2023!!!***

## Where will undergraduate **research take you?**

**OURCA offers you exciting undergraduate research experiences at every step of your college career.**

From incoming freshmen to graduating seniors, OURCA supports SU students to:

- Gene .1re tnnov.1tive projects
- ( :ond11 .t indr-pend.:nt ..-..:r-~l.r<:h
- ColktL'Jr., k w t11 .:xpt:rl f:1<.:ult- mt-uton
- &m, ::dtob r:d,i)Js anJ ~.s...-ir<'h fw1Js
- l'rescent prjcc-ts and post<'rs at student conkrc·nccs
- 'li avrl ,iL1 1 ulh~r s1111t> 11s and fornlh•
- Build your resume and graduate sch~ol applicattom
- En1 1:111<~1;11r:1c-1)1-11111. l' J)1-ric11,:::-

CONTACT US TO LEARN MORE ABOUT:

- Fuu<ling Oppvrh 11,li~s
- C.: ompliance H. m1.. J1 and Ani.an 1 .l Research;
- S;Jishun 1 Jni ·(r,;L'r St11d('ll. Kr:-.r.md1 Cunft';rr:nn~ (SIIISRC:; .
- .11 i0111a1 C 1111fi·rr11<`< HII lInd :t1.t1~1du:m• K1:iw:m:fl ii'c: l. R'.
- "ilio11aJ Ilouv~ Co11fe1t:m: t- ::XII(~,

Guerrero Academic Commons 2013  
4L0,5,46,J67t

( ) U IU: ~(of';, ti•bur, .. ,du

UIRFA:UIM:

R.byaonot1i lkmls  
Au1 , "t -'rd i-,,, , l'»,d ~i" !!~  
ll'-l ::;.,oJ'::1  
1i IJ•~a,i,(:~s;ili\$lu1-:~Ju



[www.salisbury.edu/ourca](http://www.salisbury.edu/ourca)

SALISBURY UNIVERSITY'S *IARIDAE*  
**ACADEMIC JOURNAL**

## CALL FOR SUBMISSIONS

- You must be an undergraduate author producing original high-quality work rooted in research, creative activity, civic engagement or professional studies.
- Include your name, discipline, abstract, faculty mentor name and text with a maximum of 6,000 words with references. Visual art submissions must be in a high-quality, PDF format (300 dpi).
- Your submission must be approved by your faculty mentor.
- Insert protocol number if research contains human subjects (IRB) or animals (IACUC).



