SALISBURY UNIVERSITY STUDENT RESEARCH CONFERENCE
Henson Science Hall & Guerrieri Academic Commons
Friday, April 27, 2018 12:30 pm - 7:30 pm

Intent to Submit Thursday 3.15.2018
salisbury.edu/susrc
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 www.salisbury.edu/equity.
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Conference Outline

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

Oral Presentation  
Henson Science Hall  
1:30 p.m. – 5:45 p.m.

Session 1:  
1:30 p.m. – 2:50 p.m.  
Oral Research Presentations

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Session 2:  
3:00 p.m. – 4:20 p.m.  
Oral Research Presentations

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Session 3:  
4:30 p.m. – 5:50 p.m.  
Oral Research Presentations

Round Table  
HS 123  
A Study of W.E.B. DuBois and the Theory of "Double-Consciousness"  
Technology and Entertainment  
History  
Philosophy  
Turtles, Salamanders and Snails  
Ligands, Oxazoles and Fluorophores  
Mental Health and Children  
Salisbury University Student Satisfaction

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

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, 4th Floor Assembly Hall

Friday, April 27th, 2018, 12:30 p.m. - 7:30 p.m.
I. Registration  (presenters please check in at least 1 hour before your Session)
12:30 p.m.-4:30 p.m.  Henson Science Hall Lobby

Information Table Volunteers:
Dr. Tina P. Reid, Department of Nursing
Dr. Suzanne Osman, Department of Psychology
Amy Jones, Salisbury University Libraries
Dr. Deneen Long–White, Health & Sport Sciences
Gloria Horner, Career Services

II. Oral Presentation Sessions
1:30 p.m. - 5:45 p.m.  Henson Science Hall Lobby

Information Table Volunteers, Oral Session/Back-up Panel Moderators:
Christina Camillo, Department of Health Sciences
Dr. Elizabeth Emmert, Department of Biological Sciences
Vicky Adeniran, University Dining Services
Dr. Leonard Arvi, Department of Economics and Finance
Dr. Eun-Jeong Han, Department of Communication Arts
Dr. Sang-Eon Park, Department of Math and Computer Science
Carrianne Cicero, Academic Affairs
Dr. Richard Hoffman, Department of Management and Marketing
Dr. Stacia Kock, The Honors College
Dr. Tylor Claggett, Department of Economics and Finance
Caroline Eckardt, Salisbury University Libraries
Dr. Susan Mahoney, English Language Institute
Dr. Joe Anderson, Department of Mathematics and Computer Science
Jennifer Marvin, Department of Social Work
Dr. Steve Hetzler, Department of Mathematics and Computer Science
Dr. Jenny Toonstra, Department of Health and Sport Sciences
Meghan East, Medical Laboratory Science Program
Dr. Mark Walter, Department of Psychology
Dr. Derya Kulavuz-Onal, Department of English
Dr. Kayla Follmer, Department of Management & Marketing
Dr. Jason McCartney, Department of Psychology
Dr. Céline Carayon, Department of History
Dr. Heidi Fritz, Department of Psychology
Gaylord Robb, Salisbury University Libraries
Dr. Brent Fedorko, Department of Health and Sport Sciences
Dr. Kurt Ludwick, Department of Math and Computer Science
Dr. Eugene Williams, Department of Biological Sciences
Susan Brazer, Research/Instructional & Science Librarian
Dr. Rachel Steele, Department of Psychology
Kevin Vedder, Associate VP for Human Resources
Information Table Moderators, Oral Session/Back-up Panel Moderators (Cont.)

Dr. Jill Caviglia-Harris, Department of Economics & Finance  
Dr. Michael J. Bardzell, Department of Mathematics and Computer Science  
Dr. Kristen Walton, Department of History  
Dr. Lori Carmack, Department of Mathematics and Computer Science  
Robin Vickery, Business Librarian  
Dr. Lance Garmon, Department of Psychology  
Dr. John LaManca, Department of Health and Sport Sciences  
Dr. Michael Carter, Department of Biological Sciences  
Dr. Chrys Egan, Department of Communication Arts  
Dr. Adam Woodis, Department of Modern Languages  
Lauren Hill, The Honors College  
Dr. Yuki Okubo, Department of Psychology

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

1A  
**Genes to Structure and Function**  
Henson Hall 103

**Moderator: Meghan East, Medical Laboratory Science Program**

1:30-1:45  
Assessing the Effects of Inorganic Arsenic on IL-1β and TNFα Secretion, Gene Expression and DNA Methylation in Murine Macrophages to Gauge Immunotoxic Effects of Heavy Metals

**Lauren DeLong**  
*Faculty Mentor – Jennifer Nyland, Biological Sciences

1:50-2:05  
Comparing Mitochondrial Pyruvate Carrier Gene Expression in Juvenile and Adult Honey Bees Using the MPC-2 gene

**Kara van Fleet**  
*Faculty Mentor – Stephen Gehnrich, Biological Sciences

2:10-2:25  
Optimization of hyperglycemic-induction using streptozotocin in adult zebrafish

**Madison Weinberg**  
*Faculty Mentor – Jessica Clark, Biological Sciences

2:30-2:45  
Deletion of the yeast DUF1 gene decreases programmed cell death and increases mitochondrial dysfunction

**Sarah True**  
*Faculty Mentor – Les Erickson, Biological Sciences
1B  Modern Languages  Henson Hall 107  
Moderator: Dr. Derya Kulavuz-Onal, Department of English

1:30-1:45  How the Art of Argentina’s Remembrance Park Influences the Memory of the Disappeared
Jillian Swaim  *Faculty Mentor – Corinne Pubill, Modern Languages

1:50-2:05  US-Nicaraguan Involvement through Political Cartoons
Alicia Gomez  *Faculty Mentor – Corinne Pubill, Modern Languages

2:10-2:25  Adventures Abroad: Spain Edition
Erin Kelly  *Faculty Mentor – Sally Perret, Modern Languages

2:30-2:45  Chilean Muralism: Street Art and its Role in Shaping Chilean Identity
Katherine Kruse  *Faculty Mentor – Louise Detwiler, Modern Languages

1C  Robots and Automation  Henson Hall 109  
Moderator: Dr. Steve Hetzler, Department of Mathematics and Computer Science

1:30-1:45  Bash Script Towards Automating Grading of Programming Assignments
Ian Schwartz  *Faculty Mentor – Yaping Jing, Math & Computer Science

1:50-2:05  A Case Study for CTML: Performance Measurement of Mobile Manipulator Robots
Omar Aboul-Enein  *Faculty Mentor – Yaping Jing, Math & Computer Science

2:10-2:25  Can a Robot Serve Effectively as an Occupational Therapist? Using Artificial Intelligence as Therapy for Children with Autism
Anna Burns  * Faculty Mentor - Lauren Hill, Honors

2:30-2:45  Cycle Structures for Finite Cellular Automata Generated over Groups, Rings and Fields
Amy Vennos  *Faculty Mentor – Michael Bardzell, Math & Computer Science
1D  Race

Henson Hall 111

Moderator: Dr. Céline Carayon, Department of History

1:30-1:45  Brothers of A Different Kind: Afro-Indian Race Relations in the Seminole and Cherokee Nations, 1790-1860

Kateria Rodriguez  *Faculty Mentor – Céline Carayon, History

1:50-2:05  Assessment of Systemic Racism through the movie Get Out

Maya Thompson, Yesenia Vega, Nikaylla Augustinos, Alex Hickman, Dominic Albertini  *Faculty Mentor – Chrys Egan, Communication Arts

2:10-2:25  The Eastern Shore Experience: How African Americans maintained their identity and adjusted into a post-slavery society during the Reconstruction Era

Abiodun Adeoye  *Faculty Mentor – Aston Gonzalez, History

2:30-2:45  One is Not Enough: Aphra Behn’s Empty Condemnation of Slavery in Oroonoko

Olivia Hobbs  *Faculty Mentor – Christopher Vilmar, English

1E  Climate Change and Taxonomy

Henson Hall 113

Moderator: Dr. Mark Walter, Department of Psychology

1:30-1:45  Understanding Attitudes Toward Climate Change: A Visual Imagery Study

Bridget Berdit, Emmanuel Ekhator  * Faculty Mentor - Mark Walter, Psychology

1:50-2:05  Cleanliness, Conservatism, and Climate Change: The Effects of Reminder of Physical Cleansing on Reactions toward Climate Change

Jennifer Isacoff  * Faculty Mentor - Mark Walter, Psychology

2:10-2:25  Shifting Species: Taxonomic Changes in Paleoanthropology

Annelise Beer  *Faculty Mentor - Elizabeth Ragan, History

2:30-2:45  Contributions in Taxonomy: Maryland Dynastinae

Denise Manole  *Faculty Mentor – Dana Price, Biological Sciences
IF  Self-esteem, Coping and Discrimination  Henson Hall 115

Moderator: Dr. Jason McCartney, Department of Psychology

1:30-1:45  Qualitative Analysis of Racism and Coping
            Roshaun Coombs, Ronald Montgomery, Robert Cressman, Maheesha Mundannayake  * Faculty Mentor – Yuki Okubo, Psychology

1:50-2:05  The Invisible Prejudice
            Christopher Archie  *Faculty Mentor – Catherine Jackson, Academic Advising

            Eleanor Brown  * Faculty Mentor – Jennifer Jewell, Social Work

2:30-2:45  Birth Order, Self-Esteem and Non-Cognitive Predictors
            Carolyn Nekula  * Faculty Mentor – Kyoung Rae Jung, Psychology

1G  Math and Graphing  Henson Hall 123

Moderator: Dr. Kayla Follmer, Department of Management & Marketing

1:30-1:45  Compound Distributions and Applications in the Stock Market
            Alissa Talbert  * Faculty Mentor – Veera Holdai, Math and Computer Science

1:50-2:05  Who is the Most Clutch Basketball Player in the NBA Right Now?... Using Math to Find the Answer
            Michael Millemann  *Faculty Mentor – Jathan Austin, Math and Computer Science

2:10-2:25  Graphical Analysis of the Wehmeuller Conjecture
            Preston Mouw  * Faculty Mentor – Lee May, Math and Computer Science

2:30-2:45  The Effect of Nonsense Variable Names on Understanding of 2x2 Factorial Graphs
            Hannah Manning, Haylie Morrill, Jessica Stallings  * Faculty Mentor – Larence Becker, Psychology
1H   Performing Arts   Henson Hall 211

   Moderator: Dr. Heidi Fritz, Department of Psychology

1:30-1:45  Humanity’s Finest Teammate: A Study of Equine Athletes Through Digital Photography
           Josephine Noonan  * Faculty Mentor – Jeanne Anderton, Art Department

1:50-2:05  Ten Actors in Search of a Narrative: The process of creating a character in an ever-evolving new script before a live audience for the first time
           Chelsea Eline, Michael Mitchell, Gianna Pesaniello, Shane Love
           *Faculty Mentor – Robert Smith, Theater and Dance

2:10-2:25  Mental Health Awareness Through The Arts
           Martina Maya-Callen  * Faculty Mentor – William Wolff, Art Department

1I Women: Contexts and Cultures   Henson Hall 243

   Moderator: Dr. Jenny Toonstra, Department of Health and Sport Sciences

1:30-1:45  Women in the Anglophone World
           Madison Hill  * Faculty Mentor – Kristen Walton, History

1:50-2:05  Free, Yet Bound: An Analysis of the Paradoxical Status of Women In the Islamic Republic of Iran
           Ashley Sheibaniagdam  *Faculty Mentor – Leonard Robinson, Political Science

2:10-2:25  Understanding Police Response to Domestic Violence
           Rebecca Peffer  *Faculty Mentor – Diane Illig, Sociology

2:30-2:45  Ambivalent Sexisms Role In Determining Responsibility For Gender Differentiated Negative Events
           Juliet Vapsva  * Faculty Mentor – Michele Schlehofer, Psychology
Second Oral Session  3:00 p.m. - 4:20 p.m.

2A  Social Media and Public Relations  Henson Hall 103

**Moderator: Susan Brazer, Research/Instructional & Science Librarian**

3:00-3:15  Trends; The Study of Social Media Challenges

**Blake Parker,** Kevin Sheahin, Noah Zentz, Kayd Ruggles, Brady Curley  
* Faculty Mentor – Chrys Egan, Communication Arts

3:20-3:35  Social Media and College Student Self-Image

**Matthew Meekins,** Gus Esham, Anthony Brock, Sean Woods  
* Faculty Mentor – Chrys Egan, Communication Arts

3:40-3:55  Is it Worth the Tweet?

**Lindsey Ward**  
* Faculty Mentor - Lauren Hill, Honors

4:00-4:15  More Than A Breeze: Using the In-Awareness Approach to Address the Struggle of Cultural Identity in Public Relations

**Jeremie Davis**  
* Faculty Mentor - Vinita Agarwal, Communication Arts

2B  Arduino  Henson Hall 107

**Moderator: Dr. Michael J. Bardzell, Department of Mathematics & Computer Science**

3:00-3:15  ATM Machine

**Ryan Ridgewell,** Brad Geyer  
*Faculty Mentor - Gene Hahn, Information & Decision Sciences

3:20-3:35  Arduino Project

**Grace Kerr,** Demi Schmitt  
*Faculty Mentor - Gene Hahn, Information & Decision Sciences

3:40 3:55  Arduino New Development project

**Reilly Webb**  
*Faculty Mentor - Gene Hahn, Information & Decision Sciences

4:00-4:15  3D Printed Generator

**Bradley Geyer**  
*Faculty Mentor - Gene Hahn, Information & Decision Sciences
2C  Government and Workplace  Henson Hall 109

**Moderator: Dr. Kristen Walton, Department of History**

3:00-3:15  A Management Perspective on How Information Technologies are Affecting Millennials in the Workplace. Exploring Narcissism, Complexity Avoidance and Instant Gratification.

Philip Maher  * Faculty Mentor – E. Patrick McDermott, Management & Marketing

3:20-3:35  Government, Capitalism, and Religion in 1600 Europe and America

Parris Seabrook  * Faculty Mentor - Kristen Walton, History

3:40 3:55  The Past and Present Friends of the United States in the Middle East: Iran and Saudi Arabia

Katherine Bierly  * Faculty Mentor – Joseph Venosa, History

2D  Television and It’s Power to Shape Values, Attitudes and Opinions  Henson Hall 111

**Moderator: Kevin Vedder, Associate VP for Human Resources**

3:00-3:15  Going Rogue: How Steve Franks’ ‘Psych’ Validates Unethical Behavior

Brian Nieves  * Faculty Mentor – Michael Moedder, Communication Arts

3:20-3:35  Shameless and its Portrayal of an Immoral Lower Class

Alexis Kirkey  * Faculty Mentor – Michael Moedder, Communication Arts

3:40-3:55  Portrayal of Female Body Image in the NBC Drama This Is US

Rachel Wigglesworth  * Faculty Mentor – Michael Moedder, Communication Arts

4:00-4:15  Black Mirror: A Dark Reality of Convenient Technologies

Elizabeth Lowe  * Faculty Mentor – Michael Moedder, Communication Arts
**2E Environmental**  
*Henson Hall 113*

*Moderator: Dr. Jill Caviglia-Harris, Department of Economics & Finance*

3:00-3:15  
An Arctic Agenda: Environmental Justice for the Inuit  
*Michael Bowman*  
*Faculty Mentor – Sarah Surak, Political Science*

3:20-3:35  
Wicomico Creekwatchers  
*Karly Lohan*  
*Faculty Mentor – Christina Bradley-Schmidt, Biological Sciences*

3:40-3:55  
Impacts of Water Availability on the Production Choices of Small-scale Farmers in the Brazilian Amazon  
*Jasmine Fuller*  
*Faculty Mentor – Jill Caviglia-Harris, Economics & Finance*

4:00-4:15  
Neuroanatomy and Feeding Habits of Waterfowl  
*Patrick Garvey*  
*Faculty Mentor – Jeremy Corfield, Biological Sciences*

**2F Brain Waves and Moving Planets**  
*Henson Hall 115*

*Moderator: Dr. Kurt Ludwick, Department of Math and Computer Science*

3:00-3:15  
Can Brain Waves Move Massive Objects?  
*Paulo Leite*  
*Faculty Mentor – Asif Shakur, Physics*

3:20-3:35  
Lacunarity Characterization of DLA Clusters  
*Paul Komiske*  
*Faculty Mentor – Jeffrey Emmert, Physics*

3:40-4:55  
Using Computer Simulations and Unusual Orbits to Discover New Planets  
*Joseph Eisenacher*  
*Faculty Mentor – Steven Binz, Physics*

4:00-4:15  
Using Machine Learning to Read Your Mind  
*Mahmoud Yousif, Lela Bones*  
*Faculty Mentor – Joseph Anderson, Math and Computer Science*
2G  Potpourri  Henson Hall 123

Moderator: Dr. Rachel Steele, Department of Psychology

3:00-3:15  Aggressive and (Not) Funny: Exploring the Importance of Social Skills when Using Aggressive Humor
           Tyler McGinness *Faculty Mentor – Heidi Fritz, Psychology

3:20-4:35  Face Recognition based on Matlab
           Jian Liu * Faculty Mentor – Xiaohong Wang, Math and Computer Science

3:40-3:55  Isolation and Quantification of Apis mellifera Mitochondrial Pyruvate Carrier complex
           Collin Dunnam * Faculty Mentor – Stephen Gehnrich, Biological Sciences

4:00-4:15  Using Artificial Intelligence and High Performance Computers in Video Games
           Paul Fischer *Faculty Mentor – Randall Cone, Math and Computer Science

2H  Zebrafish, Zooplankton, Flatworms and Bacteria  Henson Hall 211

Moderator: Dr. Eugene Williams, Department of Biological Sciences

3:00-3:15  Trophic and Immunologic Responses of Zooplankton Exposed to Environmental Toxicants
           Christin Bogley * Faculty Mentor – Christina Bradley-Schmidt, Biological Sciences

3:20-3:35  A Stable isotope analysis of the trophic relationships of two intestine-dwelling avian flatworms: a host tissue-feeding trematode, and a nutrient absorbing cestode
           Miranda Smullen * Faculty Mentor – Christina Bradley-Schmidt, Biological Sciences

3:40-3:55  Scat Stats: Determining the levels and the potential sources of fecal bacteria in a local water way, focusing on Human, Dog and Poultry specimens
           Garrett Gordy, Kara Ogburn * Faculty Mentor – Mark Frana, Biol. Sciences

4:00-4:15  Restoring Integrity and Function of the Peripheral Nervous System via Alagebrium Administration in Hyperglycemic Zebrafish
           Michael Kramer * Faculty Mentor – Jessica Clark, Biol. Sciences

4:20-4:35  Does Docosahexaenoic Acid (DHA) Inhibit Metastasis in B16 Cell Lines by Altering Cell Adhesion Potentials and Cell Motility?
           Jacob Shilling * Faculty Mentor – Eugene Williams, Biol. Sciences
2I  Health  Henson Hall 243

Moderator: Dr. Brent Fedorko, Department of Health and Sport Sciences

3:00-3:15  Evaluating Patients’ Medical Orders for Life-Sustaining Treatment (MOLST) Forms at a Community Hospital in Maryland
Kyle Gahagan  * Faculty Mentor – Barbara Wainwright, Math and Computer Science

3:20-3:35  Comparison of the likelihood of head injuries between the combat sports of Boxing and Mixed Martial Arts
Dan Stretz  * Faculty Mentor – Meredith Madden, Health and Sport Sciences

3:40 3:55  Validity of Activity Monitors (fitbit) and Propriety Algorithms for Measuring Energy Expenditure
Michael Quarantillo  * Faculty Mentor – Scott Mazzetti, Health and Sport Sciences

4:00-4:15  Analysis of Energy Consumption in CA, AZ, NM, and TX
Iffat Sarfraz  *Faculty Mentor – Robert Tardiff, Math and Computer Science

Round Table Discussion Panel  4:30 p.m. - 5:45 p.m.

Round Table  Henson Hall 123

Moderator: Dr. Cristina Cammarano, Dept. of Philosophy & Dr. James King, Dept. of English

4:30 – 5:45  A Study of W.E.B. DuBois and the Theory of "Double-Consciousness"
Veda Nowowieski, Sharon Metzger, Monae Butler, Larren Burgess, Nia Avery  *Faculty Mentor – Cristina Cammarano, Philosophy
Third Oral Session  4:30 p.m. - 5:50 p.m.

3A  Technology and Entertainment  Henson Hall 103
Moderator: Dr. Chrys Egan, Department of Communication Arts

4:30-4:45  Contemporary Streaming and the Cultural Impacts of Black Mirror
Claire Kelly, Monica Salters, Thomas Mannion, Kyle Stencel, Kennedi Lamar
*Faculty Mentor – Chrys Egan, Communication Arts

4:50-5:05  The Use of Auto-Tune in Popular Music… Is It Effective?
Charles Fern, Amanda Stephenson, Aidan Ruane, Michael Bean, Connor Moloney
*Faculty Mentor – Chrys Egan, Communication Arts

3B  History  Henson Hall 107
Moderator: Lauren Hill, Honors

4:30-4:45  The Flames of Rebellion: The Revolt of 1777 on the Delmarva Peninsula
Mathew Lewis  *Faculty Mentor – Céline Carayon, History

4:50-5:05  The Fighting Men of the American Revolution
Parker DeWitt  *Faculty Mentor – Kristen Walton, History

5:10 – 5:25  Influences on the Founding of the United States
Chiara Benato  *Faculty Mentor – Kristen Walton, History
3C Philosophy Henson Hall 109

Moderator: Dr. Adam Woodis, Department of Modern Languages

4:30-4:45 An Auto-Ethnography on Facilitating Philosophical Discourse with the elderly

Rebecca Lederman *Faculty Mentor – Cristina Cammarano, Philosophy

4:50-5:05 Resisting Ignorance to Reveal Hermeneutical Deficits

Jackson Malkus *Faculty Mentor – Grace Clement, Philosophy

5:10-5:25 Classical Indian Epistemology, Chinese Epistemology and Skepticism

Wesley Rubbin * Faculty Mentor – Joerg Tuske, Philosophy

3D Turtles, Salamanders and Snails Henson Hall 111

Moderator: Dr. Michael Carter, Department of Biological Sciences

4:30-4:45 Determining the Occurrence of Sex-Biased Dispersal and Potential for Inbreeding in an Endangered Species, the Spotted Turtle (Clemmys guttata)

Myra Dickey *Faculty Mentor – Eric Liebgold, Biological Sciences

4:50-5:05 A Proposal to estimate population size using mark-recapture methods and egg mass surveys of the Eastern tiger salamander (Ambystoma tigrinum)

Hannah Small *Faculty Mentor – Eric Liebgold, Biological Sciences

5:10-5:25 Which turtle species are the best housemates? Cohabitation in pond turtle species

Eaqan Chaudhry *Faculty Mentor – Eric Liebgold, Biological Sciences

5:30-5:45 Molecular and Morphological Identification of Echinostomes in the Mud Snail, Ilyanassa obsolete, the Ribbed Mussel, Geukensia demissa, and the Herring Gull, Larus argentatus, in a Delaware Salt Marsh

Marissa Moran *Faculty Mentor – Ann Barse, Biological Sciences
3E  Ligands, Oxazoles, and Fluorophores  Henson Hall 113

Moderator: Dr. John LaManca, Department of Health and Sport Sciences

4:30-4:45  Closing the Nuclear Fuel Cycle: Synthesis of a Tetra-aza Ligand

Samantha Labb, Savannah Albright

* Faculty Mentor – Seth Friese, Chemistry

4:50-5:05  Optimizing the Rapid Synthesis of Highly-Substituted Oxazoles

Abhisek Purohit  * Faculty Mentor – Stephen Habay, Chemistry

5:10-5:25  Purge and Trapping

Jesse Lancaster  * Faculty Mentor – Anita Brown, Chemistry

5:30-5:45  Mapping the Way: Using the Cy3 Fluorophore to Map Protein Surfaces

Tom Montag * Faculty Mentor – Joshua Sokoloski, Chemistry

3F  Mental Health and Children  Henson Hall 115

Moderator: Dr. Lance Garmon, Department of Psychology

4:30-4:45  Parent Child Conversations Regarding the Movie Finding Dory

Alexandra Greer  * Faculty Mentor – Rhyannon Bemis, Psychology

4:50-5:05  A Meta-analysis of Effect Sizes in Health Psychology Interventions

Andrea Carmack, Haylie Morrill, Sheridan Sargent

*Faculty Mentor – Thomas Tomcho, Psychology

5:10-5:25  A Scandinavian Perspective on Juvenile Justice in Baltimore, Maryland

Lydia Jernigan * Faculty Mentor – Toran Hansen, Conflict Analysis and Dispute Resolution
3G Salisbury University Student Satisfaction

Moderator: Robin Vickery, Business Librarian

4:30-4:45 Research on Student Satisfaction with the Center for Student Achievement (CSA)

Jordan Brien, Lauryn Majchrzak, Young Le, Jullia Jabbari, Tiffany Russo

*Faculty Mentor – Eun-Jeong Han, Communication Arts

4:50-5:05 Salisbury University Student Usage and Satisfaction of MAGGS Gym

Allison Brannon, Megan Souder, Michael Slattery

*Faculty Mentor – Eun-Jeong Han, Communication Arts

5:10-5:25 SU Students Usage and Satisfaction of the Writing Center

Emily Conner, Keely Gray, Devin Liner, Madeline O’Gwin, Sydney Sebold

*Faculty Mentor – Eun-Jeong Han, Communication Arts

III. Poster Presentation Session

6:00-7:30pm Guerrieri Academic Commons, 4th Floor Assembly Hall

Information Table Volunteers
Dr. Jim Forte, Social Work
Dr. Echo Leaver, Psychology
Rob Garner, Academic Advisor

Poster Room Set-up Volunteers
James Parrigin, Salisbury University Libraries
Shannon Hardester, Registrar’s Office
Dr. Meredith Patterson, Department of Psychology
Haleigh LaChance, Graduate Studies and Research
Jessica Scott, Graduate Studies and Research
Carrie Tingle, University Analysis, Reporting, and Assessment
**Poster Presentations** *(Title, Presenter, and *Faculty Mentor)*

1. Race, Criminal Charges, and Sentencing in the District Court of Salisbury

   **Benjamin Van Bloem**  
   * Faculty Mentor – Adam Hoffman, Political Science

2. Bridges: One on One Instruction

   **Matthew Cameron**  
   *Faculty Mentor - Alexander Pope IV, Teacher Educ.

3. Optimizing the expression and purification of green fluorescent protein for a biochemistry teaching lab

   **James Douglas**  
   *Faculty Mentor – Alison Dewald, Chemistry

4. Pi-Cation Interactions in SAM Enzymes

   **Steven Clayton**  
   * Faculty Mentor – Anita Brown, Chemistry

5. Quantitative Analysis of TCE Contamination in Ground Water Samples

   **Christianna Belzner, Jeffrey Benner**  
   * Faculty Mentor – Anita Brown, Chemistry


   **Chelsey Tull, Jennifer Veenhof**  
   * Faculty Mentor – Ann Barse, Biological Sciences


   **Bryan Van Gieson**  
   * Faculty Mentor – Arthur Lembo, Geography and Geosciences

8. Using a criteria-based GIS model to identify ideal habitats for summer flounder (Paralichthys dentatus) in the Chesapeake Bay

   **Philip Winter**  
   * Faculty Mentor – Arthur Lembo, Geography and Geosciences

9. The Impact of Road Salt Intrusion in the Chesapeake Bay Watershed, an Example of Two Water Management Strategies

   **James Kirk**  
   * Faculty Mentor – Arthur Lembo, Geography and Geosciences


    **Joseph Chamberlain**  
    * Faculty Mentor – Arthur Lembo, Geography and Geosciences
11. Access to Emergency Care: a Territory Analysis of Vulnerable Populations on Maryland’s Eastern Shore

   **Amber Ginsburg**  
   *Faculty Mentor-Arthur Lembo, Geography & Geosciences*

12. Modeling the impact of CAFOs contribution to phosphorous and nitrogen loading on the immediate Chesapeake Bay Watershed in Cecil County, MD

   **Earl Simpson**  
   *Faculty Mentor-Arthur Lembo, Geography & Geosciences*


   **James Coats**  
   *Faculty Mentor-Arthur Lembo, Geography & Geosciences*


   **Haley Parisi**  
   *Faculty Mentor-Arthur Lembo, Geography & Geosciences*

15. Which store to close: a GIS based retail analysis of Macy’s Department Stores in the Mid Atlantic

   **Leighana Pasqual**  
   *Faculty Mentor-Arthur Lembo, Geography & Geosciences*


   **Grace Thornton**  
   *Faculty Mentor-Arthur Lembo, Geography & Geosciences*

17. The impact of climate change and sea level rise on coastal agricultural land in Wicomico County, MD

   **Emily Cohoon**  
   *Faculty Mentor-Arthur Lembo, Geography & Geosciences*

18. Contribution of Land Use on Hypoxic (Dead) Zones in the Chesapeake Bay Watershed

   **Nicholas Russell**  
   *Faculty Mentor-Arthur Lembo, Geography & Geosciences*


   **Kyle Kim**  
   *Faculty Mentor-Arthur Lembo, Geography & Geosciences*

20. Analysis of Community-Meditation Programs in the United States

   **Brittany Kesteven, Abigail Hastings**  
   * Faculty Mentor – Brian Polkinghorn, Conflict Analysis and Dispute Resolution*

21. Discrimination in the Nonprofit Workforce

   **Benjamin Law**  
   * Faculty Mentor - Carolina Bown, Modern Languages*
22. Associating Race and Drugs? Investigating the Relationship Between Race and Drug Involvement

**Hunter Jennings**  
* Faculty Mentor – Cecilia Acocella, Psychology

23. ADHD and Perception of Recreational Drug Use

**Alexandria Camper**  
* Faculty Mentor – Cecilia Acocella, Psychology

24. Analysis of Nutrient Concentrations and Productivity in Dammed and Undammed Systems within the Chesapeake Bay Watershed

**Nicole Hammond, Audrey Ramming, Navin Vijayarangan**  
*Faculty Mentor – Christina Bradley-Schmidt, Biological Sciences

25. Analyzing Anthropogenic Influences on Waterfowl Through Stable Isotope Analysis

**Garrett Hansen**  
* Faculty Mentor – Christina Bradley-Schmidt, Biological Sciences

26. Dam effects on biomass and composition changes with the food web

**Vanessa Walsh**  
* Faculty Mentor – Christina Bradley-Schmidt, Biological Sciences

27. Quantifying Marine Derived Nutrient Importance in Dammed and Riverine Environments

**Bradley Rose**  
* Faculty Mentor – Christina Bradley-Schmidt, Biological Sciences


**Danny Nguyen, Anthony Labarck, Rachelle Joseph, Cierra Poole, Navin Vijayarangan**  
* Faculty Mentor-Christopher Briand, Biological Sciences

29. PRESTO MUSIC LESSON: Creating a Summer Camp for Children

**Mary Foley**  
* Faculty Mentor – Chrys Egan, Communication Arts

30. Salisbury and Wicomico County Employment Support: Helping the Community Help Itself

**Shannon Downes**  
* Faculty Mentor – Chrys Egan, Communication Arts

31. Application of Self Organizing Maps to Winter Precipitation on the Delmarva Peninsula

**Allison Banks**  
* Faculty Mentor – Craig Ramseyer, Geography and Geosciences
32. Investigation and Analysis in to the Atmospheric Mechanisms that produced the Salisbury, Maryland

Maximilian Magness * Faculty Mentor – Craig Ramseyer, Geography and Geosciences

33. The Effects of Adulterants on Oral Fluid Drug Testing with DISCOVER ONE STEP 5 PANEL SALIVA

Boglarka Bothazi, Kaylie Dunbar * Faculty Mentor – Diane Davis, Health Sciences

34. Bias Avoidance

Kristen Judy, Karley McDermott * Faculty Mentor – Echo Leaver, Psychology

35. Emotional, Cognitive and Physical Benefits of Meditation

Megan Lucas * Faculty Mentor – Echo Leaver, Psychology

36. Psychophysiological Correlates of Dental Anxiety

Shannon Chambers, Emma Schmitt * Faculty Mentor – Echo Leaver, Psychology

37. Two Heads Are Not Always Better Than One: The Relationship Between Collision versus Contact Sports and Cognitive Performance

Michaela Loven, Tess Alexander * Faculty Mentor – Echo Leaver, Psychology

38. Biochemical methods to analyze soil microbes on the Salisbury University campus

Abigail Lepera, Oscar Chatain * Faculty Mentor – Elizabeth Emmert, Biological Sciences

39. Analysis and Identification of Faunal Remains from an Early Maryland Colonial Site

Olivia Hamilton * Faculty Mentor - Elizabeth Ragan, History

40. Variation in availability for sampling among turtle species on the Delmarva Peninsula

Karsin Bachran, Jessica Bitondo * Faculty Mentor – Eric Liebgold, Biological Sciences

41. Impact of Electrode Shape on Electrochemical Deposition

Jacob Bardzell, Mason Casanova * Faculty Mentor – Gail Welsh, Physics

42. Arduino Product Development

Joseph Palmer, Connor Keough * Faculty Mentor – Gene Hahn, Information and Decision Sciences
43. Knowledge and Perceptions of Sports Psychology

   Carly Notaroberto  * Faculty Mentor – Jason McCartney, Psychology

44. Gender in Nursing: The Effect of Having a Male Nurse on the Attitudes of Patients

   Katherine Wise  * Faculty Mentor – Jeffrey Willey, Nursing

45. The Impact of Mercury Bioaccumulation on Copepods

   Tiffany Nungari  * Faculty Mentor – Jennifer Nyland, Biological Sciences

46. Effects of Inorganic Mercury on Cytokine Release by Jurkat Cells

   Crystal Thompson  * Faculty Mentor – Jennifer Nyland, Biological Sciences

47. Human Low-Dose Environmentally-Relevant Heavy Metal Exposure: Signaling and Epigenetic Changes of the Innate Immune Response Induced by Inorganic Arsenic

   Jeremie Rose Barbosa  * Faculty Mentor – Jennifer Nyland, Biological Sciences

48. Eliciting Differentiation of Human T Lymphocytes into TH1 or TH2 cells with Inorganic Arsenic Exposure

   Mollie Jewell  * Faculty Mentor – Jennifer Nyland, Biological Sciences

49. An Analysis of the Risks and Benefits of Combined Oral Contraceptive Use among Adolescents and Young Women

   Victoria Stubbs  * Faculty Mentor – Jennifer Nyland, Biological Sciences

50. Assessing the Immunotoxic Effects of Mercury Exposure on Murine Macrophage Cultures

   Mariah Passwaters-Stamp  * Faculty Mentor – Jennifer Nyland, Biological Sciences

51. Neural Morphology Associated with Species-Specific Communication in Songbirds

   Caroline Copes  * Faculty Mentor – Jeremy Corfield, Biological Sciences

52. A Comparative Study on Sensory Brain Regions in Specialized and Unspecialized Birds

   Dorothy MacLean-Blevins, Alesha Seifert, Brittany Edwards  * Faculty Mentor – Jeremy Corfield, Biological Sciences
53. Sensory Ecology of the Nocturnal Kakapo
   
   **Teri Keller**  
   * Faculty Mentor – Jeremy Corfield, Biological Sciences

54. POSTER WAS WITHDRAWN

55. The Effects Of General Life Stress On Physical Activity And Functioning
   
   **Melissa Arias Anez**  
   * Faculty Mentor – Karl Maier, Psychology

56. Statistical Requirements: Are the American Psychological Association guidelines being met?
   
   **Leanne Anderson, Emilee Fiscus**  
   * Faculty Mentor – Larence Becker, Psychology

57. How Effective Are Brain-Training Programs?
   
   **Marcus Sowell**  
   * Faculty Mentor – Larence Becker, Psychology

   
   **Alicia Spero**  
   * Faculty Mentor – Lauren Hill, Honors

59. As Common as a Cold: Increasing Rates of Adolescent Anxiety and Depression, Yet a Lack of Effective Treatments
   
   **Briana Murray**  
   * Faculty Mentor – Lauren Hill, Honors

60. Green Synthesis Of Fluorescent Copper Indium Sulfide Quantum Dots For Solar Cell Applications
   
   **Kinan Abouassali**  
   * Faculty Mentor – Lena Woodis, Chemistry

61. Characterization Of The Anti-Fungal Compounds Produced By Methylobacterium spp.
   
   **Rehan Choudhry**  
   * Faculty Mentor – Mark Holland, Biological Sciences

62. Comparative Analysis of Cobalamin and Folate Content in Chenopodium quinoa Seeds as a Result of Microsymbiont Metabolic Production
   
   **Alexander Grillo**  
   * Faculty Mentor – Mark Holland, Biological Sciences

63. Determining the Key Component for Reactivating Germination in Seeds
   
   **John McCloskey**  
   * Faculty Mentor – Mark Holland, Biological Sciences
64. Sub Surface Defense Systems and Their Impact on Coastal Erosion

   Edward Sylvia, Benjamin Valliant, Noah Remsberg
   * Faculty Mentor – Mark Muller, Physics

65. A Conceptual Analysis of Candidate Trump’s Twitter Communication: Changes Over Time

   Sabrina Gonce, Giacinta Giglio-Valentino, Morgan Stumpf, Hannah Burhans, Gina D’Asto
   * Faculty Mentor – Mark Walter, Psychology

66. Modeling the Local Solar System

   Alex Potocko
   * Faculty Mentor – Matthew Bailey, Physics

67. Neural Correlates of Item and Associative Memory

   Tyler Kortman, Samantha Rubenstein, Samantha Kline, Kaitlyn Nibblett
   * Faculty Mentor – Meredith Patterson, Psychology

68. Attitudes and Experiences of LGBTQ People in the City of Salisbury: Public Policy Recommendations

   Lida Allen
   * Faculty Mentor – Michele Schlehofer, Psychology

69. Experiences of Parents of Transgender Children

   Claire Howard, Domonique Bush, Sabrina Dixon
   * Faculty Mentor – Michele Schlehofer, Psychology

70. Implementation of a Community-Based Outreach Hypertension Program in an Urban Beauty Salon

   Ericka Smith
   * Faculty Mentor – Nancy Smith, Nursing

71. The Physics of Music and its Educational Benefits: Creating a Curriculum

   Rachael Fox, Justin McShane
   * Faculty Mentor – Nicholas Troup, Physics

72. Copy Number Alterations on Human Chromosome 21 Associated with Prostate Cancer

   Fiona Halloran
   * Faculty Mentor - Philip Anderson, Biological Sciences

73. The Effect Of Interviewer Knowledge On Children’s Memories Of How Learning Occurred

   Jade Gomez
   * Faculty Mentor – Rhyannon Bemis, Psychology
74. Psychoacoustic Factors and Audio Compression

Morgan Iachini  
* Faculty Mentor – Robert Tardiff, Math and Computer Science

75. Combinatorics of the Chevallay Quantum Bruhat Graph

Lela Bones, Garrett Fowler  
* Faculty Mentor – Ryan Shifler, Math and Computer Science

76. Prevalence, Patterns, and Perceptions of Stress Related Self-Medication Tendencies Among College Students: Comprehensive Literature Review

Alyssa Rink, Caryl Martinez, Vasti Zelaya  
* Faculty Mentor – Sherry Maykrantz, Health and Sport Sciences

77. Studies on Synthesis of Anti-migraine Drug Olcegepant

Julia Miller  
* Faculty Mentor – Stephen Habay, Chemistry

78. A Mathematical Model For Linguistic Migration And The Popularity Of Languages

Shannon Bull, Laura Short, Lela Bones  
* Faculty Mentor – Steven Hetzler, Math and Computer Science

79. Sexual Victimization Experience Predicting Empathy with an Unspecified or Date Rape Victim

Gina Santoriello  
* Faculty Mentor – Suzanne Osman, Psychology

80. Using Mark-Recapture Techniques to Analyze Survival of Freshwater Turtles in Delmarva

Ashley Gray, Matthew Houlihan, Derik Rodgers  
* Faculty Mentor – Tami Ransom, Environmental Studies

81. The Assessment of Conservation Attitudes at Ecotourism Sites in Trinidad and Tobago

Madalyn Hasz  
* Faculty Mentor – Tami Ransom, Environmental Studies

82. Variances In Encounter Probabilities Among Turtle Species Found On The Delmarva Peninsula

Amanda Ellen, Michael Bowman  
* Faculty Mentor – Tami Ransom, Environmental Studies

83. Mapping the Intersection of Geography and Psychology Research

Kena Garner  
* Faculty Mentor – Thomas Tomcho, Psychology
84. Trauma in Clinical Case Studies
   Jessica Stallings, Lisa Dixon  * Faculty Mentor – Thomas Tomcho, Psychology

85. Resources that University Undergraduate Research Offices are Offering
   Dana Rand, Rachel Lingenfelter  * Faculty Mentor – Thomas Tomcho, Psychology

86. Extra-Credit For Participating In Research: Implications For Teaching Research
   Amanda Brady, Alexis Shank  * Faculty Mentor – Thomas Tomcho, Psychology

87. An Exploratory Conceptual Analysis Of 300 Peer-Reviewed Psychology Syllabi: Learning Goals And Activities
   Gina D’Asto, Morgan Stumpf, Giacinta Giglio-Valentino, Hannah Burhans, Amanda Brady, Emma Layne  * Faculty Mentor – Thomas Tomcho, Psychology

88. Mapping a Meta-Synthesis of Participant Responses in Social Identity Complexity Research
   Karley McDermott, Juliana Smith  * Faculty Mentor – Thomas Tomcho, Psychology

89. Internships And Financial Gains: What Really Happens?
   Emily Cox, Rachel Lingenfelter  * Faculty Mentor – Thomas Tomcho, Psychology

90. Active or Empathetic Listening: What is really being measured in psychotherapy research?
   Hannah Burhans, Sheridan Sargent, Katie Kirby, Meagan Fulton, Emma Layne  * Faculty Mentor – Thomas Tomcho, Psychology

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 2018 Outstanding Research Mentor Award Nominees are:

   Dr. Rhyannon Bemis – Psychology
   Dr. Jessica Clark – Biological Sciences
   Dr. Grace Clement – Philosophy
   Dr. Judith Franzak – Doctoral Studies in Literacy
   Dr. Stephen Habay – Chemistry
   Dr. Steven Hetzler – Math and Computer Science
   Dr. Echo Leaver – Psychology
   Dr. Eric Liebgold – Biological Sciences
   Dr. Scott Mazzetti – Health and Sport Sciences
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

Carolyne Paige Merwin:


Matthew Jones and Mary Knaub:

Co-authored “Working with noise in bivariate data” in the journal Mathematics Teaching in the Middle School.

Rachel Pierson:


Andres L:


Megan Newcomer:


Ranae Tucker:
“Oh Princess, Oh Pea” and “Bill Nye Says Horoscopes Are Fake” in Red Earth Review, 2018

Terin Weinberg:
“By the Brinicle” and “Grinding Crafts” in Oakland Arts Review, 2017.

Emma DePanise:
"Unnecessary Qualifiers" in Runestone, 2017.
"Doomsday as When Boys Being Boys Become Fathers" in Polaris, 2018.

Katherine Michalik:

Virginia Mastro:

Alyssa Dietrich:

Juliet Vaspva:
Juliet Vaspva, with her research mentor Dr. Schlehofer, had a paper accepted for publication in the Global Journal of Community Psychology Practice titled “Development of a community psychology undergraduate course from a feminist pedagogical framework: Faculty and student experiences.”

Rainor Connor:

Student Presentations & Performances


Marjorie Ida SchianodiCola presented a poster at two conferences this spring entitled “A content analysis of children’s books representing upper limb deficiencies: Identity, stigma, acceptance, and classroom potential.” Marjorie presented at the Maryland Council for Exceptional Children (CEC) Professional Development Conference in Rockville, MD on March 3rd, 2018 and the Maryland Council for Exceptional Children (CEC) State Conference in Columbia, MD on April 7th, 2018.

Michael Webber presented with Dr. Sarah Surak and Dr. Maarten Pereboom *Assessing Campus Culture for Civic Engagement* at the 2017 ADP/TDC/NASPA Civic Learning and Democratic Engagement Meeting in Baltimore, MD.

Michael Webber presented *The Importance of Assessment of Civic Engagement on College Campuses* at the 2017 University of Maryland Eastern Shore Graduate Research Symposium in Princess Anne, MD.

Michael Webber presented *Utilizing Qualitative Coding Techniques to Assess Civic Engagement on a College Campus* at the 2017 Salisbury University Student Research Conference in Salisbury, MD.

Madeline Naumann and Megan Rickards presented “A case study of children's initial learning of probability” at the National Conference on Undergraduate Research in Edmond, OK, April 2018.

Madeline Naumann and Megan Rickards presented “Fifth-graders’ learning of probability” at the National Science Foundation/Council for Undergraduate Research Symposium in Alexandria, VA, October 2017.

Gina Santoriello presented “Sexual Victimization Experience Predicting Empathy with an Unspecified or Date Rape Victim” at the annual meeting of the Eastern Psychological Association in Philadelphia, PA, March 2018.

Shannon Downes and Shannon McHenry presented “Salisbury and Wicomico County Employment Support: Helping the Community Help Itself” at the National Council on Undergraduate Research annual meeting in Oklahoma City, OK, April 2018.

Emily Cox presented “Girls (Boys) Innovation Academy” at the National Council on Undergraduate Research annual meeting in Oklahoma City, OK, April 2018.

Mary Foley presented “PRESTO Music Lessons: Creating a Summer Music Program for Children” at the National Council on Undergraduate Research annual meeting in Oklahoma City, OK, April 2018.
Crysta Draayer presented "Addressing Environmental Injustice: The Viability of Community-Based Planning" at the 24th Annual Critical Geography Conference at Pennsylvania State University in Fall 2017.

Alyssa Massey presented "The Veiled Violence of Capitalist Agriculture” at The International Herbert Marcuse Society Eight Biennial Conference at York University, Toronto October 27th, 2017.

Alyssa Massey presented "Cooperatives: Building the road as we transition” at the Institute for Social Ecology Marshfield, VT, August 2017.


Rachel Pierson presented "Digging into Ditches: A Historical and Geographic Analysis of Delmarva's Agricultural Drainage Ditches," at the National Conference on Undergraduate Research NCUR in Oklahoma City, 4-6 April 2018.

Tom Hamill presented “It’s Academic! An Examination of the Effect a Culinary Teacher’s Attitudes Towards Writing” at the National Council of Teachers of English Assembly for Research conference, March 2018 at Towson University.

Christina Camillo presented “Like Learning a Different Language: The Evolution of Disciplinary Literacy in Medical Laboratory Science Students” at the National Council of Teachers of English annual conference in St. Louis, MO, November 2017.

Christina Camillo presented “You Have to Start with the Basics: Emerging Disciplinary Literacy and Pre-Professional Identities in Medical Laboratory Science Students” at the Literacy Research Association annual conference in Tampa, FL, December 2017.

Samantha Rubenstein presented "Stress Reduction from Music Intervention" at the Society for Neuroscience annual meeting in Washington, DC, November 2017.

Kristen Judy and Karley McDermott presented "Bias Avoidance" at the Mid-Atlantic Undergraduate Psychology Conference at Towson University, March 2018.


Karen Prengaman presented "Inclusive Writing Centers Geared to ELL Writers' Support," at the poster session of the 2018 Master's Student Forum at the International TESOL Convention, March, 2018.


McFadden, J. presented “Using Creative Analytic Processes to Break Down the Binary: Exploring Multiraciality through Multiple Modes of Story” at the 14th International Congress of Qualitative Inquiry, University of Illinois at Urbana, Champaign. 2018.

Jaimie Ridgely presented “Using Media Arts with Literacy” at the Salisbury University Arts in Motion Conference, Salisbury, MD, March, 2018.

Jaimie Ridgely presented “Twitter for the Classroom and as a Professional Learning Network” to the Faculty of Stephen Decatur Middle School, Berlin, MD, January, 2018.

Emma DePanise presented "Every Metal Grate: Exploring Identity as a Social Construct" at the National Conference for Undergraduate Research, Edmond, OK, April, 2018.

Jasmine Fuller presented “Data Overview: Rolim de Moura pilot study” at the National Socioenvironmental Synthesis Center (SESYNC) as part of the SESYNC Water, People & Ecosystems Pursuit Forests, Agriculture, and River (FAR) Systems in the Brazilian Amazon.
Interactions between Deforestation, Seasonal Water Availability and Farm Production, March 12, 2018.

Eleanor Brown presented a poster at the Association of Baccalaureate Social Work Program Director’s national conference in Atlanta, GA, March 2018.

Haylie Morrill, Hannah Manning, Jessica Stallings and Erin Whitt presented a poster “The ability of students to interpret 2x2 interaction graphs” at the meeting of Eastern Psychological Association 2018.

Leanne Anderson and Emilee Fiscus presented a poster “Statistical requirements: Are the American Psychological Association requirements being met?” at 2018 meeting of Eastern Psychological Association.

Meghan Murphy, Thomas Simpson, Zach Radziewicz, Bryan VanGieson, and Brian Hiller presented four papers at a special session entitled “Special Session: Arcpy Development for Quantitative Analysis” at the Environmental Systems Research Institute Mid Atlantic User Group Meeting on April 20, 2018.

Anne Kinsey presented a poster on Regrouping Intervention Strategies in Second Grade Math. (NAPDS, Jacksonville, FL, March 2018)

Shelby Ennis presented a poster on Fine Motor Skill Acquisition in Pre-K. (NAPDS, Jacksonville, FL, March 2018)


Shelby Ennis and Anne Kinsey presented, along with Dr. Brandy Terrill, on Arts Integrated Instruction. (NAPDS, Jacksonville, FL, March 2018)

Juliet Vaspva, with her research mentor Dr. Schlehofer, will be presenting “Experiences of parents of trans and gender non-conforming pre-adolescents” at the Society for the Psychological Study of Social Issues conference in Pittsburgh, PA, June 2018.

Juliet Vaspva, with her research mentor Dr. Schlehofer, will be presenting “Parents’ interpretation of and response to a child’s emerging TGNC identity” at the American Psychological Association convention, San Francisco, CA August 2018.

Lida Allen, with her research mentor Dr. Schlehofer, will be presenting “Resources gap analysis for LGBTQ people in a quasi-rural city” at the Society for the Psychological Study of Social Issues conference in Pittsburgh, PA, June 2018.

Rebecca Peffer and Juliet Vaspva presented “Predictors of allyship for LGBTQ communities” at the Eastern Psychological Association Conference in Philadelphia, PA, March 2018.

Ryan Bailey, presenting his work on SU’s production of *A Midsummer Night’s Dream*, was the regional finalist in lighting design at the Region 2 Kennedy Center American College Theatre Festival.
Georgia Fried, presenting her work on SU’s production of *Appropriate*, was the national finalist in costume design at the Region 2 Kennedy Center American College Theatre Festival. Fried will now attend the National Kennedy Center American College Festival in Washington DC - all expenses paid - to be considered for scholarship awards as well as internships and other professional opportunities.

Amanda Rocker presented “Migration of sensory neurons following chemical-genetic b-cell ablation in larval zebrafish” at the National Conference for Undergraduate Research, Edmond, OK, April, 2018.

**Student Awards, Honors, and other Activities of Distinction**

**Carolyne Paige Merwin:** Psi Chi’s Annual Diversity Article Award in the Psi Chi; Journal of Psychological Research, 1st place, ’17

**Eleanor Brown:** Student Poster Competition, 2nd place, ’18

**Rachel Pierson:** Undergraduate Student Presentation, 1st place, ’17

**Nelcy Avila:** Maryland Hispanic Scholarship, 1st place, ‘17

**Emma DePanise:** Polaris Undergraduate Poetry Contest, 2nd place, ’18

*Emma DePanise* served as an invited reader at Little Patuxent Review’s issue launch, Jan 2018.

**Terin Weinberg:** Terin Weinberg served as an invited reader at Little Patuxent Review’s issue launch, January 2018.

**Shelby Ennis, Anne Kinsey:** Shelby Ennis received the NAPDS "Emerging PDS Leader" award. (NAPDS, Jacksonville, FL, March 2018)

**Anne Kinsey** was a finalist for the NAPDS "Emerging PDS Leader" award. (NAPDS, Jacksonville, FL, March 2018)

**Shelby Ennis** and **Anne Kinsey** served on a national panel of student members at the NAPDS conference. (NAPDS, Jacksonville, FL, March 2018)

**Rebecca Peffer, Diamond Brown:** Rebecca Peffer and Diamond Brown gave a workshop entitled “‘Adulting’ as a gender non-conforming person” to Gender Conference East in November 2017.

**Juliet Vaspva:** Juliet Vaspva was selected to receive one of two Psychology Department Awards, to be conferred at Honors Convocation in May.

**Chelsea Eline:** Chelsea Eline received a Kennedy Center America College Theatre Festival Certificate of Merit for Scenic Design, for her work on SU’s production of *A Midsummer Night’s Dream*.

**Bailey Kirk:** Bailey Kirk received a Kennedy Center America College Theatre Festival Certificate of Merit for Stage Management, for her work on SU’s production of *A Midsummer Night’s Dream*.

**Alli Payne:** Alli Payne, nominated for her work in SU’s production of *A Midsummer Night’s Dream*, was a semi-finalist in the Region 2 Kennedy Center American College Theatre Festival Irene Ryan Acting Scholarship Competition; she competed against 200 other students.
Jeremiah Copeland: 2nd Place, Region 2 Kennedy Center American College Theatre Festival, '18; 1st place, Vocal Excellence, 18

Amanda Rocker: Goldwater Scholarship 2018 Honorable Mention

Lauren Delong: Goldwater Scholarship 2018 Honorable Mention

VI. Acknowledgements

- 2018 SUSRC Graphics (Posters & T-Shirts) & Program Cover:
  - Natalie Rogers (Winner 2018 SUSRC Poster Contest)
  - Special Thanks
    - Paul Flexner, Professor, Art Department
    - Pamela Olszewski, Lecturer, Art Department
  - Recognizing Other Student Poster Designers
    - Bria Fauntleroy
    - Brian Tulley
    - Taylor Streib
    - Elyse Krupinski
    - Gabrielle Caudill
    - Allecia Jones

- Office of Graduate Studies and Research:
  Dr. Clifton Griffin, Dean of Graduate Studies & Research
  Lacie Doyle, Admissions Counselor
  Vanessa Collins, Research & Account Compliance Specialist
  Teri Herberger, Director of Sponsored Programs
  Donna Knopf, Grants Specialist & Compliance Coordinator
  Haleigh LaChance, Contract & Grants Specialist
  Jessica Scott, Graduate Program Manager
  Beth Walsh, Grants Specialist
  Dr. Doug DeWitt, Graduate Council Chair
  Dr. Richard Hoffman, Graduate Council Vice-Chair

- Office of Undergraduate Research and Creative Activities:
  Jessica Clark, Co-Director
  Chrys Egan, Co-Director
  Megan Druzgala, Graduate Assistant
  Julia Jabbari, PR Intern

OURCA Website:
http://www.salisbury.edu/ourca/UndergradResearchFellows.html
Inaugural Cohort of OURCA Undergraduate Research Fellows

Austin Dabbs, Finance and Chemistry
Lauren DeLong, Biology
Myra Dickey, Biology
Genevieve Kurtz, Communication Arts: Journalism and Public Relations
Colleen Lynch, Exercise Science and Interdisciplinary Studies: Biology, Chemistry and Psychology
Martina Maya-Cullen, Art: Sculpture and Conflict Analysis and Dispute Resolution
Ben Meister, Exercise Science
Julia Miller, Chemistry
Patrick Miller, Biology
Zackery Radziewicz, Geography: Geographic Information Science
Amanda Rocker, Biology
Juliet Vapsva, Psychology
Danielle Walker, Political Science and English

SU Student Research Conference Committee:
Lisa Ball, Henson School of Science and Technology
Moushumi Chakraborty, Library
Jessica Clark, Biological Sciences
Brian Hill, Economics and Finance
Scott Mazzetti, Health and Sport Sciences
Aurélie Van de Wiele, Modern Languages
Kimberly van Vulpen, Social Work
Timothy Werner, Health and Sport Sciences
Ben Meister, SUSRC Student Assistant, Exercise Science

Administration Support:
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Dr. Karen Olmstead, Interim Provost and Vice President of Academic Affairs
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Dr. Clifton Griffin, Dean of Graduate Studies and Research
Dr. Michael Scott, Interim Dean of the Richard A. Henson School of Science and Technology
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Dr. Kelly Fiala, Interim Dean of the Samuel W. and Marilyn C. Seidel School of Education and Professional Studies
Dr. Beatriz Hardy, Dean of Libraries and Instructional Resources

Technical Support:
Donna Knopf, Scott Garrison, Melissa Thomas, Marina Feeser, Dave Raizen, Yvonne Downie, Todd Smith, Jason Rhodes, Paul Clements, Jennifer Caddell, Kathy Pusey, Christine Smith, Matt Hill, Valerie Cullen, and David Lake
Thank you to all our presenters, mentors, volunteers, support folks, and committee members! See you at the 18th Annual Salisbury University Student Research Conference in April 2019!!!
OURCA
Office of Undergraduate Research and Creative Activity

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- Earn scholarships and research funds
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- Travel with other students and faculty
- Build your resume and graduate school applications
- Enhance your academic experience

CONTACT US TO LEARN MORE ABOUT:
- 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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