

12th Annual Salisbury University Student Research Conference

Friday, April 26, 2013

12:30pm-1:30pm

Welcome Reception with Refreshments

Welcome from President Dudley-Eshbach

Performance by Squawkapella

Lawn between Henson Hall and Devilbiss Hall

1:30-2:45pm

Session 1: Oral Research Presentations

Henson Hall

3:00-4:15pm

Session 2: Oral Research Presentations

Henson Hall

4:30-5:45pm

Session 3: Oral Research Presentations

Henson Hall

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1A	H	109	
1B	H	111	
1C	H	113	
1D	H	115	
1E	H	337	
1F	H	243	
1G	H	211	
1H	H	341	
1I	H	103	

12:30-1:30 Welcome Reception with Refreshments
Lawn between Henson Hall and Devilbiss Hall

Welcome and Opening Remarks: President Janet Dudley-Eshbach
Performance by Squawkapella

1:30-2:45 First Session of the Oral

1C **Work and Play**

- 1:30-1:45 *Whistle While You Work: A Survey on Employed Youth*
Jacob Troxell, Brooke Feichtl, Ashley Martin, William Morton, Ryan Sartschev
*Faculty Mentor – Chrys Egan, Communication Arts
- 1:50-2:05 *Homelessness: An Observational Study of the Relationship between the Homeless and the Shelters*
Katherine Werrell, Brittany Crispino, Molly Knapp, Sergio Mercado, Ryan Vanderwest
*Faculty Mentor – Chrys Egan, Communication Arts
- 2:10-2:25 *Arts in America: A Working Artist's Influence*
Dan Norris
*Faculty Mentor – John Kalb, English
- 2:30-2:45 *Leveling the Playing Field: How Moneyball is Saving Major League Baseball*
Edward Martin
*Faculty Mentor – Lee May, Math and Computer Science

1D **Retail Therapy**

- 1:30-1:45 *O Come, All Ye Faithful Shoppers: A Metaphor Analysis of Christmas Shopping as a Battlefield*
Diana Chavis, Rebecca Nolan, Gabrielle Weissburg
*Faculty Mentor – Vinita Agarwal, Communication Arts
- 1:50-2:05 *After the Fall: A Look at the Political and Economic Developments of Estonia During and After the Soviet Union.*
Brian Valdivia
*Faculty Mentor – Michael O'Loughlin, Political Science
- 2:10-2:25 *Intersection-Based Retail Location Modeling: A Nodal Network Approach*
Bradley Macpherson
*Faculty Mentor – Mark deSocio, Geography

1E

Daniel Ferrett

*Faculty Mentor – Thomas Moriarty, English

2:30-2:45 *Interpretation Methods and How They Can Be Used to Predict the United States Supreme Court*

Joseph Brandler

*Faculty Mentor – Roberta Adams, Political Science

1F Napoleon's Dynamite

1:30-1:45 *The Toll of General Winter: Climatic Impacts On Napoleons Invasion of Russia in 1812*

Emily Moore

*Faculty Mentor – Darren Parnell, Geography

1:50-2:05 *Poor Decisions and Grim Consequences: the United States' Influence in the Guatemalan Civil War*

Caitlyn Rifenburg

*Faculty Mentor – Emily Story, History

2:10-2:25 *Andrew Jackson's War of Indian Removal*

Erin Nooney

*Faculty Mentor – Jeanne Whitney, History

2:30-2:45 *Military Anthropology and its Ethical Implications*

John Dysart

3:40-3:55 *Deconstructing Masculinity in The Brief and Wondrous Life of Oscar Wao by Junot Diaz*
FabiolaSt.Hilaire

*Faculty Mentor – Corinne Pubill, Modern Languages

4:00-4:15 *A Place for Women or Women in Their Place in Forrest Gump*
Megan Baker

*Faculty Mentor – James Burton, Communication Arts

2B Roundtable 1

3:00-4:15

3:20-3:35

Examining Voice In Relation To Joris Ivens's Silent Documentary Rain
CelesteReeb

*Facu

3:20-3:35 *Phylogeographic Analysis of Red-backed Salamanders (Plethodon cinereus) on the Delmarva Peninsula.*
Michael MacArthur

*Faculty Mentor – Ronald Gutberlet, Biological Sciences

3:40-3:55 *The Climatology of Fog Events in Salisbury, MD: 1980-2010*
Wesley Skeeter

*Faculty Mentor – Darren Parnell, Geography

4:00-4:15 *Archaeology After the Dig: Identifying, Analyzing, and Cataloging Prehistoric Artifacts Recovered in Dorchester County*
Shannon Gallagher

*Faculty Mentor – Elizabeth Ragan, History

4:30-5:45 Third Session of the Oral Presentations

3A Mind Games

4:30-4:45 *Mental Health Crisis: Public Perception Versus Professional Opinion*
Alexa Kline, Morgan Hoey, Tasha Totaram, Rachel Segal, Gerald Charles

- 5:30-5:45 *James Henry Hammond: Benevolent Master, Callous Villian*
Harry Suber
*Faculty Mentor – Jeanne Whitney, History

3C Animal Kingdom

- 4:30-4:45 *Mapping the Distribution of Amphibians and Reptiles in Maryland*
Jacqueline Darrow, Kevin Akins, Stephanie Lamb, Michael Woolford, Lauren Hensley
*Faculty Mentor – Ronald Gutberlet, Biological Sciences
- 4:50-5:05 *Genotypic Variation Among pseudacris crucifer Populations: Behavioral Genetics Approach*
Christina Bell, Georgette Ndamukong, Nicholas Egan
*Faculty Mentor – Kimberly Hunter, Biological Sciences
- 5:10-5:25 *A Microsatellite and Morphometric Analysis of the Atlantic Killifish (fundulus heteroclitus) along the Mid-Atlantic Region*
Joel Nelson, Austin Byrant
*Faculty Mentor – Kimberly Hunter, Biological Sciences
- 5:30-5:45 *The Importance of Wildlife Research for Effective Management of Biological Reserves: A Case Study Examining the Effect of African Elephants (loxodonta africana) on Sub-Saharan Ecosystems*
Rebecca Wanner
*Faculty Mentor – Ronald Gutberlet, Biological Sciences

3D Sickness and Health

- 4:30-4:45 *Human Influence on the Evolution of the Influenza A Virus*
Meryam Gharbi
*Faculty Mentor – Stephen Gehrlich, Biological Sciences
- 4:50-5:05 *The Effect of Vaccination Behavior on Stress in the H1N1 Pandemic*
Kathryn

3E Schoolhouse Rock

4:30-4:45 *The Digital Natives: Using Technology In Social Studies Secondary Classrooms*
Angela Landess

- 5:10-5:25 *The Politics of Salmon: An Examination of the Environmental Issues Concerning the World's Salmon Populations, the Political Tensions They Cause, and Possible Remedies and Compromises.*
Steven Cename
*Faculty Mentors – Sarah Surak, Political Science

3H STEM

- 4:30-4:45 *Sweet Sorghum as a Source of Bioethanol*
Benjamin Clark, Jordan Wilson
*Faculty Mentor – Elizabeth Emmert, Biological Sciences
- 4:50-5:05 *Genetic Variation in the Endangered Plant *Ptilimnium nodosum*: Maryland and West Virginia Populations*
Whitney Smith, Katelyn Blondino
* Faculty Mentor – Kimberly Hunter, Biological Sciences
- 5:10-5:25 *Cleansing the Origami Dodecahedron of Thirds*
AndreaBecker
*Faculty Mentor – Donald Spickler, Math and Computer Science
- 5:30-5:45 *The Calculation of Standard Error in SPSS*
KristenDavis
* Faculty Mentor – J. Craig Clarke, Psychology

3I History In The Making

- 4:30-4:45 *Attitudes on The Legalization of Marijuana*
Trent Washington
*Faculty Mentor – George Whitehead, Psychology
- 4:50-5:05 *Repose and Responsibility*
Holly Baldwin
* Faculty Mentor – Elizabeth Ragan, History
- 5:10-5:25 *Efficiencies....The Other 70%*
Gregg Morris
*Faculty Mentor – Matthew Bailey, Physics

6:00-7:30pm Poster Session with Refreshments

Wicomico Room, Guerrieri University Center

Resilience: Bouncing Back After Deployment

Sasha Greenfeld

* Faculty Mentor – Rachel Buchanan, Social Work

Does Teacher-researcher Know Best? External Validity and Other Methodological Limitations in Teaching Research

Amy Harrell, Katherine Calloway

* Faculty Mentor – Thomas Tomcho, Psychology

ReactOS - A Perfect Operating System for the Future After All?

Nicholas Heald, Matthew Thorne

* Faculty Mentor – Xiaohong Wang, Math and Computer Science

Why Don't You Know More About the Graduate School Application Process? An Intervention to Improve Student Knowledge

Daphne Heflin, Kristen Davis

* Faculty Mentor – Thomas Tomcho, Psychology

The Role of Vascular Endothelial Cells in Thromboxane A2 Analogue U46619 Induced Vasoconstriction

Lylie Hinh, Zachary Rathbun, Michelle Rhodes

* Faculty Mentor – Victor Miriel, Biological Sciences

Quality Palliative Care in Nursing Practice

Nalynn Holland

* Faculty Mentor – Tina Reid, Nursing

Identifying interaction partners of the Arabidopsis thaliana deubiquitinase-associated WD40-repeat proteins LRS1 and WDR20

Sean James

* Faculty Mentor – Patti Erickson, Biological Sciences

Don't Leave Your Work Hidden Under a Rock: Predictors of the Conference Presentation to Publication Ratio in Psychology Teaching Research

Kelly Jent, Allison Adle

* Faculty Mentor – Thomas Tomcho, Psychology

Documenting the Distribution of Amphibians and Reptiles in Wicomico County, Maryland, as Part of a Statewide Atlas Effort

Religion and College Coping: A Systematic Review of Literature

Jennifer Schomburg

* Faculty Mentor – Kimberly van Vulpen, Social Work

Analyzing Patterns in Large-Scale Graphs Using MapReduce in Hadoop

Joshua Schultz

*Faculty Mentor – Enyue Lu, Math and Computer Science

What's Eating You? How Communal Eating Effects College Relationships

Chelsea Smith

* Faculty Mentor – Larence Becker, Psychology

The Influence of Message Framing and Personal Relevance on Stress Appraisals of Climate Change

Kevin Smith

* Faculty Mentor – Karl Maier, Psychology

*Heterozygosity-fitness Correlations in the Red-backed Salamander (*Plethodon cinereus*)*

Gina Sorce, Christian Kramer

* Faculty Mentor – Eric Liebgold, Biological Sciences

Comparison of Window FAT and NTFS

Whitney Spangler, Joshua Souders

* Faculty Mentor – Xiaohong Wang Math and Computer Science

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CPU Scheduling

Matt Vlahos, Ryan Sherman

* Faculty Mentor – Xiaohong Wang Math and Computer Science

Books for All: Learning from Children's Literature Related to Special Needs

Cara Wagaman

* Faculty Mentor – Ernest Bond, Teacher Education

Soil Nutrient Profiling

Staci Warrington

* Faculty Mentor – Judith Stribling, Biological Sciences

Warning! Wear Sunscreen: How to Convince the Unconvinced.

Kathryn Wason, Meagan Greene, Alyson Stafford

* Faculty Mentor – Michele Schlehofer, Psychology

Student Presentations

Lauren Anderson, Amanda Biederman, Alexie Fox, and Stacey Miller presented "Womanly Worth: Female Education and Accomplishment in Austen's Novels" at the Maryland Collegiate Honors Conference in MD, March 2013 (Layne Hoffman contributed to the presentation but was unable to present).

Zakiah Baker led the Special Interest Group "Anti-Racism Activism" at the National Conference on Peer Tutoring in Writing, Chicago IL, November 2012.

Ava Carcirieri presented "Examining Body Shame of College Women by Type of Sexual Victimization," at the Eastern Psychological Association annual meeting, March 2013.

Amanda Chapo presented a poster entitled "Analysis of oxidative stress responses to mrck-1 RNA interference-treated *Caenorhabditis elegans* using fluorescent microscopy" at the National Conference for Undergraduate Research, La Crosse, WI, April 2013.

Chelsea Chmel presented "Smooth Seas Do Not Make Skillful Sailors" at the National Conference of Undergraduate Research, La Crosse, WI, April 2013.

Mallory Hagadorn presented "Not All Dung is Created Equal" at the Biodiversity: From Evolutionary Origins to Ecosystem Function, The Academy of Natural Sciences of Drexel University, Philadelphia, PA, October 2012.

Sean James presented a poster entitled "Identifying interaction partners of the *Arabidopsis thaliana* deubiquitinase-associated WD40-repeat proteins LRS1 and WDR20" at the American Society for Biochemistry and Molecular Biology/Experimental Biology conference, Boston, MA, April 2013.

Alexandria Kinder and Nichole Egerton presented "For the love of a vampire: Do internal representations of attachment to romantic partners influence self-selected exposure to twilight saga media across two different phases of data collection?" at the National Conference for Undergraduate Research, La Crosse, Wisconsin, April, 2013.

Jesse Miller presented a poster entitled "Analysis of *Arabidopsis* plants lacking the WD-40 repeat protein p80" at the Undergraduate Research Symposium in the Chemical and Biological Sciences held at UMBC, Baltimore, MD, October 2012.

Simone Nemes and Jennifer Shaugh1 1 Tf (nni)-2 (f) 50 0 0 50 250-7 (f) -10 (MQ (e) 4 ()-1) -2 (4 (Tj ET -7 ()

