



**HONORS
COLLEGE**

JAMES MADISON UNIVERSITY.

2018

HONORS
SYMPOSIUM

APRIL 18

2018 HONORS SYMPOSIUM PARTICIPANTS
MADISON UNION ROOM 256

10:30 AM-12:00 PM

SESSION 1



12:00-12:30 PM

PINNING CEREMONY

All students participating in the symposium will receive an Honors College lapel pin, presented by Dean Newcomer, in recognition of their dedication and service to their scholarly achievements.



1:00-2:30 PM

SESSION 2

Please note, in this program the numbers listed by the student's name indicate the poster number.

THANK YOU FOR ATTENDING!

2018 HONORS SYMPOSIUM PARTICIPANTS

SESSION 1

Mave Magazine

Adams, Lauren | Media Arts and Design | *Advisor:* Dietrich Maune, Ph.D. | Poster: 1

A Hospitality Themed Event: A Journey through Camelot

Aronds, Jane | Hospitality Management | *Advisor:* Theresa Lind, ?? | Poster: 16

The Art of War as seen in the Military Tactics of the Mongol Empire

Brazelton, Jacob | Computer Science | *Advisor:* Florian Buchholz, Ph.D. | Poster: 32

Frank J. Wilson: The Father of Forensic Accounting

Catania, Luke | Accounting | *Advisor:* Timothy Louwers, Ph.D. | Poster: 8

Interactions between Anxiety Subtypes, Personality Characteristics, and Emotional Regulation Skills as Predictors of Future Career Outcomes

Chandra, Cerella | Psychology | *Advisor:* David Szwedo, Ph.D. | Poster: 35

Preventing Obesity and Cardiovascular Disease in at risk Youth

Bauernfeind, Nicole; Civalo, Rachel | Nursing | *Advisor:* Karen Weeks, ?? | Poster: 38

The Superhero Inside

Craig, Briana | Psychology | *Advisor:* Jamie Kurtz, ?? | Poster: 2

Enhancing the SEA-PHAGES App to Collect Weather-Related Metadata from Soil Sampling Locations

Degnon, Kelly | Biology | *Advisor:* Steven Cresawn, Ph.D. | Poster: 26

SESSION 1 CONTINUED

Opinions in Context: An Exploration of the Rhetoric Used by Supreme Court Justices Antonin Scalia and Ruth Bader Ginsburg Regarding the Separation of Church and State

Evans, Catherine | WRTC | *Advisor:* Traci Zimmerman, Ph.D.
| Poster: 36

Does EMG Monitoring in a cVEMP Matter?

Fleck, Kimberly | Communication Sciences and Disorders | *Advisor:*
Erin Piker, ?? | Poster: 22

Study Abroad: A Travel Campaign

Lindsay, Flora | Media Arts and Design | *Advisor:* JoAnne
Holman, ?? | Poster: 21

Controlled Authenticity: A Hybrid Account of Autonomy

Fox, Eric | Philosophy | *Advisor:* Mark Piper, Ph.D. | Poster: 33

An Auto-Ethnographic Study of Foreign and Native Language Education in the United States of America, The Dominican Republic, and Spain

Hawkins, Mary | Modern Foreign Languages | *Advisor:* Felix Wang,
Ph.D. | Poster: 14

The Effects of Undergraduate Research Journals on Student Professionalization

Hoen, Alexander | WRTC | *Advisor:* Scott Lunsford, Ph.D.
| Poster: 34

A Cure for Salmonella: Engaging Students in Pathogen Microbiology and Bioinformatics

Jurgensen, Sophie | Biology, Spanish | *Advisor:* James Herrick, Ph.D.
| Poster: 4

Unequal Partners: A Pilot Evaluation in Harrisonburg High School

Kowalk, Katherine | Health Sciences | *Advisor:* Dayna Henry |
Poster: 19

SESSION 1 CONTINUED

Antimicrobial Activity of a Novel n-B-n-B-n Cationic Bipyridine Amphiphiles with Conventional Gemini Structures

Kusakavitch, Melanie | Health Sciences | *Advisor:* Kyle Seifert, Ph.D. | Poster: 15

Girls Rock Camp

Lashley, Erica | Economics | *Advisor:* Dorian Taylor, Ph.D. | Poster: 13

Exploration of the Rapid Prompting Method for Students with Autism

Manship, Shea | Interdisciplinary Liberal Studies | *Advisor:* Tiara Brown, Ph.D. | Poster: 17

Climate Communication through a Community Perspective

McGee, Kathryn | Biology | *Advisor:* Debbie Sturm, Ph.D. | Poster: 25

Healthcare Priorities in Developing Countries: A Systemic Review

McKay, Heather | Health Sciences | *Advisor:* Audrey J. Burnett, Ph.D. | Poster: 7

Conversational Speech During Entrainment

Molnar, Pamela | Communication Sciences and Disorders | *Advisor:* Christina Kuo, Ph.D. | Poster: 23

A Rhetorical Analysis of the References to Ronald Reagan in the 2015-2016 GOP Presidential Primary Debates

Moss, Rachel | Communication Studies | *Advisor:* Matthew Brigham, Ph.D. | Poster: 11

Nationalism and Iranian Education

Palmieri, Lauren | History | *Advisor:* Shah Mahmoud Hanifi, Ph.D. | Poster: 18

Health Hygiene Spirit Week: Impact of a Hand Hygiene Curriculum and Group Handwashing Station at Two Schools in East Africa

Pasewaldt, Stephanie | Health Sciences | *Advisor:* Stephanie Baller, Ph.D. | Poster: 12

SESSION 1 CONTINUED

Comparing Two Naturalistic Pragmatic Assessments: The CELF-5 Pragmatic Activities and the Yale in vivo Pragmatic Protocol (YiPP)

Reid, Rebecca | Communication Sciences and Disorders | *Advisor:* Geralyn Timler, Ph.D. | Poster: 6

Peer Assisted Study Sessions for Financial Accounting

Salt, Laura | Accounting | *Advisor:* Eileen Shifflett, Ph.D.

Larrick, Caitlin | Accounting | *Advisor:* Eileen Shifflett, Ph.D.

| Poster: 27

Effects of Mental Health Campaigns

Schott, Susan | Communication Studies | *Advisor:* Sharon

Mazzarella, Ph.D. | Poster: 20

Establishing Effective Amplitude Criterion for Transcranial Direct Current Stimulation

Schwenger, Lindsey | Communication Sciences and Disorders |

Advisor: Erin Kamarunas, Ph.D. | Poster: 9

A Step Towards Differentiating Language Difference from Disorder

Scribano, Sarah | Communication Sciences and Disorders | *Advisor:*

Stacey Pavelko, Ph.D. | Poster: 31

The Association between Relationship Status and Human Papillomavirus Vaccination Behavior

Waters, Ansley | Health Sciences | *Advisor:* Laura Merrell, Ph.D. |

Poster: 5

Use of Behavior Strategies in Speech Language Therapy: A Survey of Virginia School Based Speech Language Pathologists

Withers, Gillian | Communication Science and Disorders | *Advisor:*

Geralyn Timler, Ph.D. | Poster: 10

SESSION 1 CONTINUED

Coding for Infant Vocalizations Amongst Mid and Low Socioeconomic Status Families

Young, Lera | Communication Sciences and Disorders | *Advisor:* Rory DePaolis, Ph.D. | Poster: 30

Study Abroad Blog: A Comprehensive Exploration into Country and Culture

Zimney, Kristin | Media Arts and Design | *Advisor:* Shaun Wright, Ph.D. and Robert J. Prins, Ph.D. | Poster: 24

2018 HONORS SYMPOSIUM PARTICIPANTS

SESSION 2

Associations between Grit and Academic Factors

Bowen, Alexandra | Psychology and WRTC | *Advisor:* Monica Reis-Bergan, Ph.D. | Poster: 49

The Impact of Dual Language Programs in Elementary Schools

Callihan, Melanie | Interdisciplinary Liberal Studies-ELED | *Advisor:* Sue Mark Keeler | Poster: 41

The State of the Translation Chaperone ICD-1 During Misfolded-Protein-Induced Apoptosis in *Caenorhabditis elegans*

Cicalese, Kyle | Biology & Sociology | *Advisor:* Tim Bloss, Ph.D. | Poster: 55

Mobile HIV units in South Africa: A Systematic Review

Doherty, Meaghan | Health Services Administration | *Advisor:* Erika Collazo Vargas, Ph.D. | Poster: 48

Substantial Agriculture: Integration of Aquaponics in Punta Leona Hotel and Club in Costa Rica

Dyer, Cailin | Integrated Science and Technology | *Advisor:* Deborah Shannon Conley, Ph.D. | Poster: 56

SESSION 2 CONTINUED

Handedness and the Oldowan Tool Industry: is preferential right handedness a relic from our evolutionary past?

Dymon, Jessica | Anthropology | *Advisor:* Leslie Harlacker, Ph.D. |
Poster: 54

The Mythological Perspective of Modern Narratives

Evans, Rebecca | WRTC | *Advisor:* Elisabeth Gumnior, Ph.D. |
Poster: 44

Different Reinforcement and Complaining Behavior

Gamache, Jordan | Psychology | *Advisor:* Bryan Saville, Ph.D. |
Poster: 45

Of the Silmarils and the Ring: J.R.R. Tolkien's Fiction and the Importance of Creation and Art

Hartinger, Michael | English Literature & Interdisciplinary Philosophy |
Advisor: Mark Rankin, Ph.D. | Poster: 50

Health Literacy and Provider-Patient Communication: A Systematic Review

Hooper, Sydney | Health Sciences | *Advisor:* Audrey Burnett, Ph.D. |
Poster: 51

Treatment of HIV/AIDS in Trinidad and Tobago: A Comparison with the United States

Kraft, Kathleen | Dietetics | *Advisor:* Delores Blough, Ph.D. | Poster:
52

On the Road for Change: An In-Depth Analysis and Future Recommendations

Lebrecht, Amy | Math | *Advisor:* Bob Kolodinsky, Ph.D. | Poster: 47

SESSION 2 CONTINUED

JMU's Free the Tampon and Menstrual Equity

Linscott, Margaret | WRTC & PPA | *Advisor:* Catheryn Molloy, Ph.D. | Poster: 46

Nigerian Terror: The Rise of Boko Haram

Moss, Kelly | Political Science | *Advisor:* Kerry Crawford, Ph.D. | Poster: 53

Exploring the Relationship between Team Characteristics and Mental Health Symptoms amongst Student Athletes

Owens, Dylan | Health Sciences | *Advisor:* Laura Merrell, Ph.D. | Poster: 43

Forecast Addiction: An Investigation of Personality Traits Predictors for Mobile Phone Dependency

Phillips, Elijah | Health Sciences | *Advisor:* Stephanie Baller, Ph.D. | Poster: 42

Mary Todd Lincoln: Influence and Impact on the Civil War in the White House

St. Andre, Selena | History | *Advisor:* David Dillard, Ph.D. | Poster: 58

The Correlation Between Quality of Care and Type of Room in Long-Term Care Facilities in the Shenandoah Valley of the Commonwealth of Virginia

Twomey, Hannah | Health Sciences | *Advisor:* Kimiko Tanaka, Ph.D. | Poster: 53

2018 Commencement
Medallion Ceremony and Reception

Friday, May 4

12:00-2:00 pm

Festival Student and Conference Center Ballroom



All graduating seniors are invited to attend. Please respond to the invitation by Friday, April 27.



Questions? Contact Tammy Steele,
Executive Assistant at 540-568-7728
or via email at steeletm@jmu.edu.



*The **Honors Symposium** showcases academic research and creative scholarship by JMU Honors College students. Through the Honors Capstone Project, students gain advanced knowledge and skills in their chosen fields and produce substantial research theses or creative projects. All Honors College students are expected to publicly present their work and the Honors Symposium is one of several opportunities to do so. The projects presented here represent the range and diversity of work undertaken by Honors College students and highlight the excellence of undergraduate scholarship at JMU.*

JMU Honors College

The Honors College at James Madison University is an academic community engaging highly motivated and intellectually gifts students in exceptional experiences that develop excellence in leadership, scholarship, and service.



JMU Honors College
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