



RESEARCH  
WEEK 2020

**Graduate Poster Presentations**

<i>Rank</i>	<i>Category</i>	<i>Contributors</i>	<i>Title</i>
1	Applied	Elisabeth Campbell	ASCVD Risk Estimator Integration into an EMR
2	Applied	Jared Darius	Novel Dynamic Analysis of Transverse Half-Car Model with Additional 3rd Damper Using Bond Graph Approach
3	Applied	Abigail McCarty, Anna Blackley, Austin Deshner, Carson Farmer, Jerrell Cannonier Campbell, Kaela Ehrlich, Maggie McDermott, Moroni De Moors, Theodore Hu	The Effects of Hindfoot Eversion Taping on Foot and Ankle Kinematics During Treadmill Running
1	Creative	Heather Birkeland	"Hollow"-an illustrative book
1	Textual or Investigative	Casey Olson, Kristopher Burke, Mai Chi Nguyen	Bridging the Terminological Gap on Verbal Aspect in Koine Greek and Linguistics
2	Textual or Investigative	Marissa Swope	We are your Bad Conscience: The Influences of the White Rose and their Peaceful Resistance for Intellectual Freedom
3	Textual or Investigative	William Norris	Trends in the Virginia Foster Care System
1	Theoretical	Olufunmilayo Abidemi Babarinde, Paul West Okojie	Stress and Resilience among Healthcare Professionals: A Synthesized Literature Review
2	Theoretical	Samantha Wilkins-Copeland	Preventing Polypharmacy Amongst the Elderly in an Acute Care Setting Through the Integration of the Deprescribing Tools START, STOPP, and Beers Criteria
3	Theoretical	Terina Gillette	The Connection to Mind and Body

## Undergraduate Poster Presentations

1	Applied	Carson Farmer	Soft Robotics for Assisting People with Parkinson's Tremor: A Proposal
2	Applied	Ashlyn Wroblewski, John Pritchard, Kinsey Painter, Lemuel Ragasajo, Rebekah Kolacz	Comparison between Perceived Interpersonal and Divine Forgiveness as Predictors of Self-Forgiveness
3	Applied	Alex Davies	Evidence of Metacognition Hierarchy within Sophomore Engineering Students
1	Basic	Amelia Wickham, Ashton Young, Cara Arrasmith, Jessica Welty, Jonathan Tenerovich, Nathanael Lamb	Identification of Hepatopancreatic Parasites Afflicting Crayfish and Associated Snails in Local Virginia Streams
2	Basic	Alyssa Forrest, Erika Peck, Jessica Thornton, Mia Fabbri	Evaluating Bacterial Succession and its Influence on Decomposition
3	Basic	Brittany Carnathan, Kathryn St.Clair, Megan Pizzo, Zachary Youngbar	Exploring the Sub-lethal and Lethal Effects of Pesticide Pollution in Crayfish and their Ectosymbionts States
1	Creative and Artistic	Rebecca Pickard	"There Is Nothing Surprising in This": A Cento for the Cetologist
2	Creative and Artistic	Amy Johnson, Jordan Eisaman	Pick Me Up Cup
3	Creative and Artistic	Faith Chudkowski, Jamaica Conner	A Digital Timeline of Liberty University's Keynote Commencement Speakers
1	Textual or Investigative	Abigail Prejean, Alex Donley, Emily Renie, Parker Williams	Tension over Terms: Root, Stem, and Affix in Greek and Hebrew
2	Textual or Investigative	Irene Hoisington	Innovative Marketing of the Bedford Alum Springs Hotel During the Mineral Water Health Trend

3	Textual or Investigative	Anna Nelson, Maggie Mynhier	Jeep and its Commercialization: A History of an American Business
1	Theoretical Proposal	Kaitlynn Gaebe, Megan Pizzo	Examination of Gamma-Glutamyl-Transferase (GGT) Production in Crayfish Hepatopancreas Tissue
2	Theoretical Proposal	Jonathan Westlake, Neal McCaffrey	Characterization of Estrogen Responsive Genes in Developing Zebrafish Embryo Using Bisphenol-A Alternatives
3	Theoretical Proposal	Amelia Wickham, Ashton Young, Cara Arrasmith, Jessica Welty, Jonathan Tenerovich, Nathanael Lamb	Surveying the Potential Range Extension of Invasive Mystery Snails within Central Virginia

#### Graduate Oral Presentations

1	Applied	Rich Jensen	The Relationship Between Teachers' Psychological Capital and Caring School Leadership and Enabling School
2	Applied	Kristen Wilkins	A Description of the Lived Experiences of Administrators Supervising Special Education Programs: A Phenomenological Study
3	Applied	Courtney Stewart	Influence of Aerobic Training Dose During Pregnancy on Infant Heart Function
1	Creative and Artistic	Heather Birkeland	"Hollow"-an illustrative book
1	Textual or Investigative	Margo Nicholas	Consent to be Born: Provisional 4-D ultrasounds as part of informed consent preceding abortion can potentially give the fetus its legal human right to life
2	Textual or Investigative	Jonathan Harris	Martin Luther and the Holocaust

3	Textual or Investigative	Marissa Swope	We are your Bad Conscience: The Influences of the White Rose and their Peaceful Resistance for Intellectual Freedom
1	Theoretical Proposal	Samantha Wilkins-Copeland	Preventing Polypharmacy Amongst the Elderly in an Acute Care Setting Through the Integration of the Deprescribing Tools START, STOPP, and Beers Criteria
2	Theoretical Proposal	Olufunmilayo Abidemi Babarinde, Paul West Okojie	Stress and Resilience among Healthcare Professionals: A Synthesized Literature Review
3	Theoretical Proposal	Cali Anderson, Megan Revis	The Delivery of Reproductive Health Knowledge to African Women Living in Low-Resource Regions

### Undergraduate Oral Presentations

1	Applied	Daniel Serban, Nathanael Gentry	TeX Math Here: A Versatile Equation and Notation Composition Tool
2	Applied	Emily Mason	A Qualitative Study of American Sign Language Interpreting for Deaf Individuals with Disabilities
3	Applied	Carina Schiro	Check one box and one box only: Phenomenological overview of Biracial and Bi-ethnic identity development and Christianity
1	Basic	Rebeca Rodriguez	Endocytic Downregulation of the Yeast Glucose Receptor Rgt2
2	Basic	Brittany Carnathan, Kathryn St.Clair, Megan Pizzo, Zachary Youngbar	Exploring the Sub-Lethal Effects of Pesticide Pollution in Crayfish
3	Basic	Reagan Treadwell	Putative Rho-GDP Dissociation Inhibitor Influences Aflatoxin Production and Hyphal Growth in <i>Aspergillus flavus</i>
1	Creative and Artistic	Elise Blakely	Slip Decorating Techniques on Ceramics
2	Creative and Artistic	Christina Caston	Hypermasculinity and Its Effect on Men's Mental Health

1	Textual or Investigative	Jonathan Cook	Creation, Time and Time in the Early Church Fathers: Looking to the Early Church Fathers for Guidance in the Genesis Debate
2	Textual or Investigative	Stephanie Wright	Finland and the Jewish Question: The Complex Role of Finns in the Holocaust
3	Textual or Investigative	Joseph Carson	Politically Coercive Violence According to Virtue Ethics
1	Theoretical Proposal	Cameron Andrews	All the Feels: Leveraging Emotional Intelligence for Human Resource Development
2	Theoretical Proposal	Joshua Hankey, Rachel Nas	An Examination of Bisphenol A and Bisphenol A Derivatives During Zebrafish Development
3	Theoretical Proposal	Jenna Clark	The Effectiveness of the Parent Project on Parental Knowledge and Skills: A Longitudinal Study

#### **Graduate 3MT**

1	3MT	Cristina Minotti	Walking through Smoke
2	3MT	Jared Darius	Developing a microstructure-sensitive fatigue model for titanium alloys
3	3MT	Reid Prichard	Passive Bristling of Shark Skin Scales at the Micro-Level: A Fundamental Viscous Flow Study to Understand the Separation Control Mechanism

#### **Undergraduate 3MT**

1	3MT	Abigail Brewer	A New Theory of Communication: Privacy Surrender for Security Theory (PSST)
2	3MT	Gabriel Hooper, John Hoverson, Mark Fischer, Matthew Becker, Nathan Edmondson	Microbial Assemblages in Association with Crayfish Ectosymbionts

## Juried Arts

Rank	Category		
1	2-D	Abigail Sewell	Eris Latentes - Character Concept
2	2-D	Abigail Sewell	Elio Latentes-Character Concept
3	2-D	Tessa Booth	In the Brokenness
1	3-D	Elise Blakely	Lamp of My Life
2	3-D	Hayley Glover	Quilted Metal Animal
3	3-D	Chayton Koeher	"Tommy" Character Sculpture
1	Graphic Design	Stephanie Deason	Peelin' Good
2	Graphic Design	Torie Droppa	Andersen's Bakery
3	Graphic Design	Ashley McCall	Rebrand: Cali-n-Tito's
<b>People's Choice</b>			
	3-D	Hayley Glover	Quilted Metal Animal
<b>Performing Arts</b>			
1	Film	Jayla Arthur	Brother Baby
2	Theatre	Jacqueline Hale	Why It Matters: A Poetry Program Exploring the Grief, Love and Sacrifice in Caring for a Mother with Dementia