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Fall Showcase for Research and Creative
Inquiry

Office of Student Research

Fall 11-11-2021

Fall Student Showcase for Research & Creative Inquiry Program

Office of Student Research

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FALL STUDENT SHOWCASE FOR
RESEARCH
& CREATIVE
INQUIRY

Longwood University's campus-wide student showcase is open to all who wish to attend. Students will present their projects in the form of posters, oral presentations, and performances.

WEDNESDAY · 17 NOVEMBER 2021 · 2 — 5:30 P.M.

Table of Contents

| | |
|---|----|
| Acknowledgements..... | 4 |
| Hybrid Fall Student Showcase on ForagerOne..... | 5 |
| Round Table Discussion Sessions November 17, 2021..... | 6 |
| Live Poster Q&A Sessions November 17, 2021..... | 7 |
| Live Presentation Schedule November 17, 2021..... | 8 |
| Live Poster Sessions on ForagerOne 2:00 – 3:00 p.m. | 9 |
| BIOL 301 – Comprehensive Human Anatomy and Physiology..... | 9 |
| PSYC 461 – Senior Seminar in Psychology..... | 9 |
| CHEM 311 – Drug Addiction and Recovery..... | 10 |
| EDUC 245 – Human Growth and Development..... | 11 |
| Live Poster Sessions on ForagerOne 3:15 – 4:15 p.m. | 13 |
| SPED 475 – Language Development and Disorders Posters..... | 13 |
| NURS 360 - Introduction to Research and Evidence Based Practice..... | 14 |
| Perspectives on Research in Science and Mathematics (PRISM) Summer 2021 Posters..... | 15 |
| Longwood Summer Scholars: Exploring Science..... | 16 |
| Psychology Research..... | 16 |
| Biology 341 – Ecology..... | 16 |
| Biology 488 – Senior Capstone in Biology..... | 17 |
| Live Poster Sessions on ForagerOne 4:30 – 5:30 p.m. | 18 |
| Biology 250 – Introduction to Genetics and Cell Biology..... | 18 |
| BIOL 326 – Cell Biology..... | 18 |
| THEA 448 – Integrated Arts Theater..... | 19 |
| HIST 415- Medieval Women at War, Virginia Room..... | 19 |
| HIST 407 - Seminar in American History: The US in the Age of Atlantic Revolutions, Virginia Room..... | 19 |
| Independent Research Projects..... | 19 |
| Cormier Honors College for Citizen Scholars Presentations..... | 20 |
| BIOL 114 – Biology for the Teaching Professional..... | 20 |
| BIOL 364 – Perspectives in Toxicology..... | 21 |
| EASC 435 – Watershed Management..... | 22 |
| KINS 301 – Principles of Therapeutic Intervention..... | 22 |
| PSYC 315 – Comparative Animal Behavior..... | 22 |
| KINS 389 – Methods of Teaching Health and Physical Education for Elementary Classroom Teachers..... | 22 |
| LDST 320 – Leaders and Leadership..... | 22 |

| | |
|---|----|
| CRIM 350 – Race, Crime, and Criminal Justice | 22 |
| Live, In-Person Presentations | 23 |
| BIOL 251 - Introduction to Ecology and Evolution, Rotunda 116..... | 23 |
| SPAN 341- Spain: Civilization, Literature, and Artistic Expressions from Prehistory to 1700, Rotunda 115..... | 24 |
| Research and Honors Independent Study Presentations, Rotunda 115 | 24 |
| SPAN 351 - Early Latin America: Pre 1800, Rotunda 108 | 25 |
| THEA 448 – Integrated Arts Theater, CSTAC 101..... | 25 |
| HIST 415- Medieval Women at War, Virginia Room..... | 26 |
| HIST 407 - The US in the Age of Atlantic Revolutions, Virginia Room..... | 26 |
| Department of English & Modern Languages Senior Seminar Panels, Prince Edward Room | 28 |

Acknowledgements

Student Showcase Organizing Committee

Amorette Barber, Chair
Bob Barnwell
Kristen Boyle
Mark Hamilton
Steven Hoehner
Jennifer Hutchinson
Kat McClesky
Sarah Porter
Timothy Ritzert
Marsha Rutledge
Mary Tackett
Jessi Znosko

The members of the Student Showcase Organizing Committee would like to thank the following offices and organizations on campus for support:

Academic Affairs
Cormier Honors College
Digital Education Collaborative
Greenwood Library
College of Graduate and Professional Studies
University Center and Student Activities

Hybrid Fall Student Showcase on ForagerOne

The Office of Student Research is sponsoring Longwood University's hybrid Fall Student Showcase for **Research and Creative Inquiry**.

<https://symposium.foragerone.com/longwood-university-fall-2021-student-showcase>

The Showcase will be held Wednesday, November 17 2:00 – 5:30 p.m.

Beginning on November 25, presentations will be accessible to the general public. You can view the presentations, ask questions, and comment on research and scholarly work from numerous students from all of Longwood's academic colleges.

Round Table Discussion Sessions November 17, 2021

Join the virtual Round Table Discussion Sessions on November 17 to learn more about research programs at Longwood University and opportunities to publish your research and inquiry projects.

You can join the round table discussion sessions from the live sessions tab on:

<https://symposium.foragerone.com/longwood-university-fall-2021-student-showcase>

2:00-3:00 Round Table Discussion- *Incite*

Dr. Larissa Tracy- Editor, *Incite*

Learn about publishing your work in *Incite*, the undergraduate research journal for Longwood University. Dedicated to publishing the best work of undergraduate students across the disciplines, *Incite* is a faculty-reviewed journal produced at the end of each academic year. Student work from all disciplines is welcome!

<http://www.longwood.edu/office-of-student-research/incite/>

3:00-4:00 Round Table Discussion- Longwood Senior Thesis Program

Dr. Andrew Yeagley- Chair, Longwood Senior Thesis Committee

Learn about participating in the Longwood Senior Thesis program. The Senior Thesis program allows you to showcase your knowledge in your major and your critical thinking skills. This is a unique opportunity to distinguish yourself from your peers through completion of an original, independent project. Students from all majors are welcome to participate in this program!

<http://www.longwood.edu/seniorthesis/>

3:00-4:00 Round Table Discussion- Digital Commons

Hope Alwine, Digital Initiative Specialist and Mark Hamilton, Research and Digital Services Librarian

Learn about publishing your work on Longwood University's Digital Commons. Work included in the Digital Commons is accessible via Google and major search engines, and becomes findable through the Digital Commons Network. This makes your work more frequently cited, more visible, and more likely to have greater impact.

<https://libguides.longwood.edu/home/digitalcommons>

Live Poster Q&A Sessions November 17, 2021

Students from the following disciplines will be signed on to the ForagerOne System during their assigned time and will respond in real-time to comments and questions and will be available for video chat. Viewers may also leave comments and questions about the asynchronous presentations outside of the live Question and Answer sessions.

2:00 – 3:00 p.m.

Biology
Psychology
Chemistry
Education

3:15 – 4:15 p.m.

Special Education
Nursing
Biology
Independent Research
LU-PRISM
Longwood Summer Scholars

4:30 – 5:30 p.m.

Biology
History
Theater
Cormier Honors College for Citizen Scholars
Independent Research

Live Presentation Schedule November 17, 2021

Join us on campus for live talks and performances on Wednesday, November 17 from 2:00 – 6:00 p.m.

2:00 p.m. – 6:00 p.m.

Prince Edward Room, Maugans Alumni Center

Department of English & Modern Languages Senior Seminar Panels

2:00 p.m. – 4:00 p.m.

Communication Studies and Theatre Arts Center 101

Theatre 448- Integrated Arts Theatre

2:00 p.m. – 3:00 p.m.

Virginia Room, Maugans Alumni Center

History 415- Medieval Women at War

2:00 p.m. – 5:00 p.m.

Rotunda 116

Biology 251- Introduction to Ecology and Evolution

2:00 p.m. – 5:00 p.m.

Rotunda 108

Spanish 351- Early Latin America: Pre-1800

2:00 p.m. – 4:00 p.m.

Rotunda 115

Spanish 341- Spain: Civilization, Literature, and Artistic Expressions from Prehistory- 1700

3:15 p.m. – 4:15 p.m.

Virginia Room, Maugans Alumni Center

History 407- The US in the Age of Atlantic Revolutions

4:00 p.m. – 5:15 p.m.

Rotunda 115

Independent Research
Cormier Honors College for Citizen Scholars

Live Poster Sessions on ForagerOne 2:00 – 3:00 p.m.

BIOL 301 – Comprehensive Human Anatomy and Physiology

Faculty Mentor, Dr. Bjoern Ludwar

Jeri Tyler and Delaney McMahon

Analysis of Muscles Involved in Grasping Objects of Various Weights

Briana Scott, Taylor Murphy, Katelin Savage, Alyandra Lee

Does Playing Video Games Make You an Athlete? / Does ESports Belong in the Olympics?

Layne Fadely, Stephanie Willis, Izzy Riccoboni

How weight effect the angles and amount of force on ankles when completing a jump

Hunter Croom and Davice Jones

How does music affect our internal stress receptors?

Marshall White, Kyle Hiatt

Masking Away Our Emotions

Elizabeth Putzig, Sheila Garcia, Brian White

One Trip, One Slip, One Fall: Carrying something wrong can end it all.

Jacqueline Amaya Hernandez, Tajada Arrington, Chelsea Griffin, Abigail Henderson

The Correlation between Heart Rate and Level of Exercise in Women

Angelina Sherba, Brianna Cervantes, Abby Pack

Effects of Pupil Dilation, Eye Movement, and Blinking to Detect When Someone Lies

PSYC 461 – Senior Seminar in Psychology

Faculty Mentors, Dr. Sarai Blincoe and Dr. Timothy Ritzert

Lexy Nester, Mia Ragland, Alaina Taraschi

Clothing Swap: The Impact of Attire on Compliments

Eva Copenhaver, Alexander Elliott, Jacob Gagat

Clothing and Compliments

Abbey Heller, Delaney Snead

Would You Trust a Woman? Perceptions of Gender in Leaders of Student Organizations

Olivia Bazzell, Kellie Brown, Jonas Kalchner

The Impact of Compliments

Rose Gerena, Faith Harris, Shannon Smith

The Effects of Compliments on Complementary Behavior

Summer Kirby, Lillie Rosson

Chronotype's Effect on Perception of Prosocial Behavior

Kate Lopez, Silvia Omboni

Impact of Cell Phone Use during Face-to-Face Social Interaction

Payton Davenport, Audrey Lemons, Jacob Shope

The Effect of Compliment Type on the Estimated Value of the Compliment

Andrew Brittingham, Samantha Morris

Emotional Regulation Strategies and Alleviation of Subjective Distress

Cicely Dunaway, Jamiah Sutton

Investigating Smartphone Presence on Social Enjoyment during Various Conversations

CHEM 311 – Drug Addiction and Recovery

Faculty Mentor, Dr. Andrew Yeagley

Aislinn Garcia and Lauren Cerretani

Analysis of Lysergic acid (LSD) Addiction and Recovery from both a physical and psychological lens

Caroline Fairbanks and Makayla Whittaker

Analysis of Cocaine Addiction and Recovery from both a physical and psychological lens

Tyler Marshall and Nicole Madrigal

Analysis of Methylphenidate (Ritalin) Addiction and Recovery from both a physical and psychological lens

Natalie Buckley and Kendall Magee

Analysis of Duloxetine (Cymbalta) Addiction and Recovery from both a physical and psychological lens

Ke'asia Nichols and Heather Forsht

Analysis of Caffeine Addiction and Recovery from both a physical and psychological lens

Ryan Field and Christopher Buffkin

Analysis of Drug Addiction and Recovery from both a physical and psychological lens

Channing Fisher and Abigail Janney

Analysis of 3,4-Methylenedioxymethamphetamine (MDMA or Ecstasy) Addiction and Recovery from both a physical and psychological lens

Trevor Jordan and Emilyne Evans

Analysis of Adderall (mixture of amphetamine and dextroamphetamine) Addiction and Recovery from both a physical and psychological lens

Hailey Lux and Mackenzie Harry

Analysis of Sertraline (Zoloft) Addiction and Recovery from both a physical and psychological lens

Kristen Dobek and Hannah Couch

Analysis of Fluoxetine (Prozac) Addiction and Recovery from both a physical and psychological lens

Meagan Munley and Carrie Flickinger

Analysis of Oxycodone (Oxycontin) Addiction and Recovery from both a physical and psychological lens

Emma Culver and Abigail Roller

Analysis of Diazepam (Valium) Addiction and Recovery from both a physical and psychological lens

EDUC 245 – Human Growth and Development

Faculty Mentor, Dr. Aftab Khan

Emma Gresham and Hannah Holt

Pandemic babies

Thomas Glauda

The effects of ADHD on social and emotional development

Sarah Pomfrey and Natalie Russell

Time spent in Foster Care and the Effects on Social-Emotional Development

Devin Joseph and Karli Taylor

Effects of Having Siblings on Social and Emotional Development in Children

Emma Adcook and Hannah Finley

The Effects of Organized Sports in Children

Hayden Bradbury and Joey Rice

The Effect of Parent Expectations on Academic Performance

Wyatt Atkins and Hunter Patterson

The effects moving around a lot as a child can have on social and emotional development.

Amani Hinton and Liv Reid

The effect of a child's diet on their cognitive and emotional development

Riley McDonald

ACE's, the Untold Story of Childhood Trauma

Cameron Wheeler and Rachel Smith

The effects of quarantine on children's social and emotional development

Abigail Conroy, Madeline Little, James Acheson

Social Emotional and cognitive development compared to economic differences

Live Poster Sessions on ForagerOne 3:15 – 4:15 p.m.

SPED 475 – Language Development and Disorders Posters

Faculty Mentor, Dr. Aftab Khan

Jillian Fitzgerald and Katie Davoud

The effectiveness of Proxtalker communication device on individuals with ASD

Kyla Brown and Rubi Rubilar

The Verbal Behavior Approach (VB) and How It Impacts Children with ASD Through the Use of Discrete Trial Training

Alissa Krynicky and Jessica Morris

The Effectiveness of the augmentative and alternative communication (AAC), specifically the Symbol Support app, for students with Autism Spectrum Disorder

Maya Ingram and Abigail Wilson

Discrete Trial Training helps Nonverbal Children with ASD Learn Their First Words

Ashton Talley

How beneficial text to speech devices are to students with disabilities specifically cerebral palsy

Frances Marshburn and Ashton Justice

The Effectiveness of PECs for children with Autism Spectrum Disorder to make requests

Abigail Verling and Sydney Rew

Peer Assisted Learning for language development in students with ASD

Natalie Collins and Chanelle Williams

The Use of Video Modeling on the Social Communication Skills of Students with Autism Spectrum Disorders

Ashton Finehirsh and Staci Stevenson

The effectiveness of the Tobii Dynavox for those with Autism who are nonverbal or have limited speech

Ashley Schweizer

Effectiveness of Video modeling for Children on the Autism Spectrum Disorder

Kaitlyn Hahn and Savanna McClenny

The Effectiveness of Proloquo2go on Students with Intellectual Disabilities

McKenzie Crews and Jennifer Rubio

The effectiveness of Kurzweil 3000 to people with intellectual disabilities

Rachel Bibb and Sarah Danco

Using Orton-Gillingham Multisensory Instruction Program on Individuals with Dyslexia"

Hope Willingham and Margaret Pass

Do as I say not as I do

NURS 360 - Introduction to Research and Evidence Based Practice

Faculty Mentors, Dr. Kim Little and Dr. JoAnn Davis

Caroline Trueman and Abigayle Cunningham

Comparing Inhaler Types in Patients with Asthma

Claire Briggs and Tori Heller

The Effect of High Intensity Interval Training on the Reduction of Risk for Cardiovascular Disease

Leah Eick and Brooke Buchanan

The Effect of Therapy Dogs on Chemotherapy Patients' Stress Levels

Katie Cole and Journey McMillian

Does the Intervention of Skin-to-Skin Contact Help Infants Maintain Body Temperature?

Kaylee Eckert and Seth Seward

The Influence of Parental Obesity on Children and Adolescents

Isabel Rosche and Madyson Hunley

Parental Impact on Adolescent Obesity

Skylar Walker

Success of Failure; how care provided, to a young adult, by EMS or a Respiratory Therapist affects survival rates.

Annie Elliott and Kayla Oberfeld

Preventing Falls in Elderly Patients with Altered Mental Status: Alarm Systems vs Sedatives

Alyssa Gibson and Hailey Marin

Alternative Pain Management versus Opioid Prescription Medication for Pain Management in the Clinical Setting

Lauren Mohrhusen and Macy Franchebois

For teenagers in the United States does the use of tobacco products further increase the future risk of respiratory diseases, such as COPD, compared to nontobacco nicotine products within a ten year time frame?

Ashley King and Peyton Romer

Does marijuana use during pregnancy affect the weight of a newborn at full term?

Sara Stevens and Casandra Garrett

The Mumps, Measles, and Rubella Vaccine and how it effects Children

Aynsley Williams and Emily Arrington

Effects of Immediate Skin-to-Skin Contact on Baby's Vital Signs and Lactation Interest

Hannah Irons and Grace Jones

The Impacts of Consuming Peanuts during Pregnancy

Stephanie Bunce and Kayla Knotts

The Effect of High Flow Oxygen vs. Titrated Oxygen on COPD Patients' and their Oxygen Saturation

Emily McGuire and Anna Schmied

Mandatory Nurse-to-Patient Ratios Impact on Nurse Satisfaction in California ICUs

Rebecca Arrington, Haley Bendall, Rebecca Keough

What is the impact of COVID-19 on veterans seeking and receiving care for mental health and substance abuse disorders given the scarce resources and bogged down emergency rooms?

Madison Pribble and Trevor Leonard

Efficacy of Smoking Cessation Techniques used in Healthcare

Kayla Bailey and Hannah VanHoose

Comparing Anticoagulant Therapies for Chest Tube Management

Perspectives on Research in Science and Mathematics (PRISM) Summer 2021 Posters

Jeri Tyler and Jacqueline Amaya-Hernandez (Faculty Mentor, Dr. Adam Franssen)

Epigenetically Heritable Effects of Maternal Behavior in Rats

Samuel Shackelford (Faculty Mentor, Dr. Kathy Gee)

Effects of Climate Change on Rainwater Harvesting Systems

Noel Preece (Faculty Mentor, Dr. Robert Blaisdell)

Effects of Repeat Sprint Exercise on EMG Activity in Leg Muscle Groups Among a Variety of Athletes: A Pilot Study

Brock Erwin (Faculty Mentor, Dr. Jeffrey Ledford)

Excursions in Summation

Kira Pierce (Faculty Mentor, Dr. Jeffrey Ledford)

Approximating Continuous Functions Using Scattered Translates

Miguel Diaz-Montealegre (Faculty Mentor, Dr. Kathy Gee)

The Effects of Climate Change on the Performance of Rainwater Harvesting Systems

Isabelle Villarreal (Faculty Mentor, Dr. Robert Blaisdell)

Neuromuscular Fatigue from Repeated Sprint Exercise and the Impact It Has on Jump Performance: A Pilot Study

Marcia Reeves (Faculty Mentor, Dr. Jonathan White)

Synthesis of lipid-functionalized platinum drugs for cancer cell targeting

Adonel Grubb (Faculty Mentor, Dr. Jonathan White)

Elucidation of biomolecular target binding of lipid-functionalized Pt drugs

Longwood Summer Scholars: Exploring Science

Mackenzie Fulcher, Appomattox High School (Faculty mentor, Dr. Adam Franssen)

Epigenetically Heritable Effects of Maternal Behavior in Rats

Calvin Foster, Cumberland County High School (Faculty mentor, Dr. Jeffrey Ledford)

Linear Algebra within a Non-local Approximation Scheme

Dima Hamza, Prince Edward County High School (Faculty mentor, Dr. Jonathan White)

Synthesis of Platinum(II)-Based Anticancer Drug Derivatives & Investigation of their Structure–Activity Relationships

Psychology Research

Jacob Shope (Faculty Mentor, Dr. Timothy Ritzert)

Risk Factors for Child Maltreatment during the Initial Lockdown of the Covid-19 Pandemic: A Systematic Review

Biology 341 – Ecology

Faculty Mentor, Dr. Kenneth Fortino

Brianna Cervantes, Dylan Scordellis, Adonel Grubb

Abundance of Ferns Due to the Growing Conditions in Vegetated Areas vs. Areas of Higher Infrastructure

Marshall Tucker, Shifflett Ivy, Woodall Dustin

Impacts of Flow on the Presence of Aquatic Organisms

Diego Sifuentes and Coleman Taylor

The effect of distance from habitat fragmentation on biodiversity of invertebrates

Miguel Diaz, Lloyd Dominguez, Kelsey English, Rebecca Mills

Distribution, Abundance, and Behavior of Squirrels on Longwood Campus

Katelin Savage, Elizabeth Putzig, Amanda Shemro

How does water quality at different locations in Farmville affect the surrounding ecosystem?

Alexis Henry, Ashley Wilson, Sophie Kidd

The Effect of Weather Conditions on Food Availability for Amphibians

Biology 488 – Senior Capstone in Biology

Faculty Mentor, Dr. Mark Fink

Joy Hernandez Luna

Transgenerational Trauma

Dylan Blanton

Why is it beneficial for crustaceans to become crab-like?

Ian Castelow

Effect of water pollution on food source of shorebirds

Caleb Edwards

The Effects of Psychedelics on Brain Development

Marshall White

Micro-RNA, a Solution for Understanding Depression

Brian White

*Reconstructing *Isotelus rex*, The Largest Trilobite Ever*

Live Poster Sessions on ForagerOne 4:30 – 5:30 p.m.

Biology 250 – Introduction to Genetics and Cell Biology

Faculty Mentors, Dr. Consuelo Alvarez and Dr. Amorette Barber

Cassandra Poole and Jack Kloeppe

Microbial Diversity of Human-Cultivated and Wild Soil on Longwood University's Campus

Kristen Dobek and Madalyn Cook

Microbial Diversity of Rural and Urban at Different Depths on Longwood University's Campus

Quinn Kehoe, Rodney Clark, Elizabeth Whitehead

Comparing the Microbial Diversity of Campus Cultivated Flowers Vs EEC Wildflowers at Longwood University

Linden Czeizinger and Maya Smith

Water Clarity Affects Microbial Diversity in Lakes at Longwood University

Kailyn Westbrook

The Process of Isolating, Purifying, and Transforming the GFP Gene from the pGLO Plasmid into Bacteria Cell Culture Expression.

Sophia Douglas

Glowing and Growing Bacteria

Heidi Parker-Combes

Using the pGLO Plasmid to Study the Effects of Gene Expression

Carolyn Blackwell

Characterization and Experimental Analysis of the Green Fluorescent Protein Gene (GFP)

Abigail Sommer

Green Fluorescent Protein Gene in pGLO Plasmid expressed in Escherichia coli

BIOL 326 – Cell Biology

Faculty Mentor, Dr. Katie Pennington

Isabelle Villarreal, Alayna Palamar, Lloyd Dominguez

Suppression of Gene Expression Following Knock Down of Transcription Factor dFoxo

Amanda Palmer, Kylee Wright, Tristana Foster, Hailee Banks

Longevity and Aging Mediated by FOXO and the gene Methuselah

Diego Sifuentes, Hunter Croom, Samari Brown Amari Riddick

The effect on PEPCK if the transcription factor dFOXO is knocked down

THEA 448 – Integrated Arts Theater

Faculty Mentor, Dr. Ronda Scarrow

Katelyn McAbee

Dance & Math

Noah Loving, Sara Malise

Dance/Movement in the Classroom

Dorothy Miller, Victoria Noe, Staci Stevenson

Integration of Theatre with English/L.A

Sarah Greer, Emma Hasley, Jessalynne Hull, Abbie LeFerve

Visual Arts in Education

Maria Hendricks, Ashton Finehirsh, Autumn Doss, Jillian Fitzgerald

Visual Arts in Education

Maelyn Garrison, Julia Adams

Music Represented in Elementary Math

Jonathan Spencer and Collins Natile

Incorporating Music into your History Lesson

HIST 415- Medieval Women at War, Virginia Room

Faculty Mentor, Dr. Steven Isaac

David Ezell

Joan of Arc and Her Voices

HIST 407 - Seminar in American History: The US in the Age of Atlantic Revolutions, Virginia Room

Faculty Mentor, Dr. Dr. David Geraghty

Michaela Deppen

France's Interests in the American Revolution

Independent Research Projects

Brett Baird, (Faculty sponsor, Dr. Amanda Blaisdell)

There's Life Outside of Teaching Program

Payton Davenport, Jonas Kalchner, Kadi Leonor-Caballero, Shannon Smith, (Faculty sponsor, Dr. Tim Ritzert)

The Impact of an ACT Defusion Intervention on Fear, Avoidance, and Valued Living

Kylie Gannon, (Faculty sponsor, Dr. Tim Ritzert)

The Interactions between Mental Health Concerns and Fatigue: An Experience Sampling Study Proposal

Haley Smith, (Faculty sponsor, Dr. David Coles)

The Imperial Japanese Military: A New Identity and Military Power into the 20th Century, 1853-1922

Sophie Kidd, (Faculty sponsor, Dr. Dale Beach)

I SPI with My WGS Eye a Salmonella Outbreak

Briana Scott, (Faculty sponsor, Dr. Erin Shanle)

Testing the role of Wfs1 in calcium regulation in Drosophila cells

Ross Bechtle, (Faculty sponsor, Dr. Binaya Adhikari)

Geographic Distribution and History of Plant Specimens at Longwood University Harvill-Stevens Herbarium

Mu'minah Fulani, (Faculty sponsor, Dr. Tim Rizert)

Mindfulness meditation on the effects of the Trail Making Tests

Kyle Hiatt, (Faculty sponsor, Dr. Bjoern Ludwar)

Scanning electron microscopic analysis of developmental speed's effect on symmetry in Drosophila melanogaster

Cormier Honors College for Citizen Scholars Presentations

BIOL 114 – Biology for the Teaching Professional

Faculty Mentor, Dr. Mary Lehman

Caitlin Hartley, Kennedy Lundeen, Abigail Marple, Kensington McLoone

Evaluating environmental conditions for seed germination experiments in a classroom setting

Emily Boeckle, Shyane Reyes, Haley Skowysz

Can pesticides harm your garden plants?

BIOL 364 – Perspectives in Toxicology

Faculty Mentor, Dr. Erin Shanle

Sarah Roquemore

Risk Assessment of Mohawk Tannery

Rebecca Mills

Risk Assessment of the Normandy Park Apartments

Eli Caldwell

Risk Assessment of Blackbird Mine

Tinsae Alem

Risk assessment of blackbird mine

Elizabeth Garri

Risk Assessment of the Roanoke River

Samantha Stoddard

Risk Assessment of Fox River NRDA/PCB Releases in Green Bay, Wisconsin

Jocelyn Price

Risk Assessment of Devil's Swamp Lake

Ashley Brooks

Risk Assessment of Organophosphates in Pesticides

Ashley Wilson

Risk Assessment of Unity Auto Mart

Gillian Eshelman

Risk Assessment of Vaping

Rebekah Godfrey

Risk Assessment of Bear Creek Sediments

Noel Preece

Risk Assessment of the Yellow Pine Mining Area, Stibnite, ID

Kaleigh Beale

Risk Assessment of Parabens and Aluminum in Deodorants

Kelly Jarratt

Risk Assessment of Anaconda Copper Mine

EASC 435 – Watershed Management

Faculty Mentor, Dr. Kathy Gee

Julia White

Rainwater harvesting systems and their history

KINS 301 – Principles of Therapeutic Intervention

Faculty Mentor, Dr. Jenn Cuchna

Kelly Jarratt

Evaluation of Surgical Interventions and Non-surgical Treatments on Return to Play Outcomes in Shoulder Labrum Tears in Athletes: A Critically Appraised Topic

Hannah Wright

Comparison of Surgical and Nonsurgical Interventions for Acute Achilles Tendon Rupture: A Critically Appraised Topic

PSYC 315 – Comparative Animal Behavior

Faculty Mentor, Dr. Maxwell Hennings

Shannon Smith

Attachment in Non-human Primates

KINS 389 – Methods of Teaching Health and Physical Education for Elementary Classroom Teachers

Faculty Mentor, Dr. Matthew Lucas

Camryn Dodson

Increasing the Socialization Skills of Students with Visual Impairments through Recess

LDST 320 – Leaders and Leadership

Faculty Mentor, Dr. Scott Cook

Mackenzie Harry

What Makes a Hero?

CRIM 350 – Race, Crime, and Criminal Justice

Faculty Mentor, Dr. Virginia Beard

Katrina Cokain, Faith Harris

Race, Gender and Domestic Violence

Live, In-Person Presentations

BIOL 251 - Introduction to Ecology and Evolution, Rotunda 116

Faculty Mentors, Dr. Sujan Henkanathegedara and Dr. Benjamin Campbell

<https://longwood-edu.zoom.us/j/99152414926>

- 2:00-2:20 **Megan LaTulipe, Madalyn Cook, Zoe Averett**
Impact of Urbanization on Nocturnal Insect Diversity and Abundance in Farmville
- 2:20-2:40 **Cassandra Poole, Cosmo Curbeam, Anthony Anderson, Anna Holloway**
*The impact of *Faxonius ozarkae*, an emergent invasive crayfish species, on the native crayfish of Virginia*
- 3:00-3:15 **Carolyn Blackwell, Skylar Irvin, Heidi Parker-Combes, Hannah Spencer**
Ecological Research
- 3:15-3:30 **Linden Czeizinger, Maya Smith, Virginia Tam**
Ecological Research
- 3:30-3:45 **Josh Couch, Billy D'Amato, Sophia Douglas**
Ecological Research
- 3:45-4:00 **Nina Hederich, Quinn Kehoe, Lilly Rogers**
Ecological Research
- 4:00-4:15 **Rodney Clark, Kira Edens, Bianca Minter, Elizabeth Whitehead**
Ecological Research
- 4:15-4:30 **Jerry Dunford, David Johnson, Mackenzie Woody**
Ecological Research

**SPAN 341- Spain: Civilization, Literature, and Artistic Expressions from Prehistory to 1700,
Rotunda 115**

Faculty Mentor, Dr. Javier Fernandez Urenda

- 2:00-2:15 **Rachel Iman**
El arte de renacimiento
- 2:15-2:30 **Mallory Davis**
The Socialization of Women: Representation Through History and Art
- 2:30-2:45 **Mallory Davis**
The Society of Spain: La Edad Medieval y el Renacimiento
- 2:45-3:00 **Diana Domenech**
Arte Greco Romana y la Religion
- 3:00-3:15 **Kaylee Georgis**
Gender Roles as Seen Through Art During the Renaissance
- 3:15-3:30 **Benjamin Breene**
How Significant of An Impact Has Mozarabic Had on Spanish History?
- 3:30-3:45 **Rachel Cannon**
Literatura Española Durante La Edad Media

Research and Honors Independent Study Presentations, Rotunda 115

- 4:00-4:15 **Sage Church, (Faculty sponsor, Dr. Sujan Henkanaththegedara)**
*Exploring the ecology and life history of the point endemic Chowanoke Crayfish
(Faxonius virginensis) in Dinwiddie County, Virginia*
- 4:15-4:30 **Nicole Ardovino, Joshua Boyer, Jenna Donnelly, John Eddy, Vincent Via, and Caitlin Wiley, (Faculty sponsor, Dr. Christopher Swanson)**
A Most Precious Journey: Understanding the Music of Howard Shore's Fellowship of the Ring
- 4:30-4:45 **Tyler Cosley, (Faculty sponsor, Dr. Charles Kinzer)**
The History of the Longwood Wind Symphony
- 4:45-5:05 **Harry Caldwell, (Faculty sponsor, Dr. David Coles)**
The World After

SPAN 351 - Early Latin America: Pre 1800, Rotunda 108

Faculty Mentor, Dr. Renee Gutiérrez

<https://longwood-edu.zoom.us/j/97546604304>

- 2:00-2:20 **Sage Church**
Los Rarámuri y su escaparse de los Espanoles.
- 2:20-2:40 **Victoria Adame**
La salud física y mental indigena por los siglos
- 2:40-3:00 **Rachel Iman**
La Malinche: una mujer, muchas historias
- 3:00-3:20 **Kaylen Karnes**
tequila: dando espíritu a la cultura mexicana
- 3:20-3:40 **Ben Loucas**
El poder pintado: representación de los aztecas y los europeos en su arte
- 3:40-4:00 **Diana Domenech**
Los Taínos: El llanto del pasado hoy en día
- 4:00-4:20 **Anna Klosky**
Romanticism and Modernism in Latin America
- 4:20-4:40 **Madison Levine**
Exploring the Imagery of Slavery in the Pre 1800 Hispanic World
- 4:40-5:00 **Ilaria Russell**
Lo que mató a los aztecas

THEA 448 – Integrated Arts Theater, CSTAC 101

Faculty Mentor, Dr. Ronda Scarrow

<https://longwood-edu.zoom.us/j/92229847240>

- 3:00-3:20 **Jaelyn Tobin, Chanelle Williams, Keely Williams, Taylor Withrow**
Integrating Theatre into Every Subject
- 3:20-3:40 **Carlicia Anderson, Hayley Bazala, Allison Brown, Ainsley Cundy**
Incorporating Music into every Lesson
- 3:40-4:10 **Kara Parr, Rachel Iman, Jessica Morris, Courtney Kapp**
Learning through Dance

HIST 415- Medieval Women at War, Virginia Room

Faculty Mentor, Dr. Steven Isaac

2:00-3:00

<https://longwood-edu.zoom.us/j/93632872355>

Megan Witherow

Medieval Literature used to Prohibit Women in Warfare

Gretchen Yoder

The Legacy of Fiery Joanna

Jacob Farmer-Rylands

Matilda of Tuscany: Battling the English and Eleventh-Century Misogyny

Garrett Hall

Just War in Middle Ages

Mackenzie Harris

Joan of Arc, Equestrian

Eric Schesventer

Treatment of Women During the Hundreds Year War

Brianna Davis

Judicial Procedure during Fifteenth Century France, with special reference to Joan of Arc

HIST 407 - The US in the Age of Atlantic Revolutions, Virginia Room

Faculty Mentor, Dr. David Geraghty

3:15-4:15

<https://longwood-edu.zoom.us/j/96722453944?pwd=SEc3ZjRnRXBxcSsvWEVvck9hcmc1UT09>

Matthew Roberts

Founding Fathers on the Haitian Revolution

Ethan Ryan

Polish-American Relations After the Polish Revolution of 1830

Adriel Ford

The Politics Within Early U.S. Universities

Noah Reeves

Post-England Maryland: A New Aristocracy Consolidates Power

Luke Vesely

Spanish Involvement in the American Revolution

Sara Wilfong

The Southern Ties of Independence: New Granada and Latin American Independence

Haley Smith

The American Revolution: Through the Accomplishments of the Forgotten Patriots.

Michael Bell

Analysis of the political climate in America caused by the French Revolution

Michelle Keady

America's Response to the Haitian Revolution

Brandon Harrell

The 1798 Irish Rebellion's Religious and Political Development on the Atlantic

Isaac Samuels

America and the Haitian Revolution

Department of English & Modern Languages Senior Seminar Panels, Prince Edward Room

Faculty Mentor, Dr. John Miller

2:00 to 2:55 p.m.

Bennets and Bodice Rippers: Feminism, Romance Novels, and Novels from the Romantic Period

Gabrielle Strealy, *Elizabeth Bennett: Feminist Hero of Pride and Prejudice?*

Grace Girdley, *A Feminist Exploration of Jane Austen's Pride and Prejudice*

Suzanne Stetson, *Reconciling Reader Response and Feminism in Late Twentieth-Century Erotic Historical Romances*

3:05 to 4:00 p.m.

Defying Borders and Boundaries: Race and Ethnicity in Modern American Music and Literature

Kiana Robinson, *Black Pussy Power: The Reclamation of Black Female Sexuality through Music*

Payten Bovat, *Double Consciousness in Angie Thomas's The Hate U Give*

Noemi Guzman, *The Reality of the American Dream in Sandra Cisneros's House on Mango Street*

4:10 to 4:50 p.m.

The Domestic Fear: Trauma, Violence and the Family

K. Austyn Mann, *Found Family: Trauma and Cults in Ari Aster's Horror Films*

Jared Peterson, *A Psychoanalytic Approach to Edgar Allan Poe's 'The Tell-Tale Heart'*

5:00 to 5:55 p.m.

New Takes on Groundbreaking Texts: Theorizing 20th-Century Landmarks of Genre

Evelyn Wozniak, *Beyond the Binary: Performative Gender and Female Masculinity in Stone Butch Blues*

Jackson Lockhart, *Language, Societal Regression, and the Nature of Humanity in Dune (1965)*

John Ward, *Marxism Social Commentary in Moore and Gibbons's Watchmen*