



VIRTUAL
FALL STUDENT SHOWCASE FOR
RESEARCH
& CREATIVE
INQUIRY

November 18-21, 2020

Fall Showcase for Research and Creative Inquiry 2020

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Acknowledgements

Student Showcase Organizing Committee

Amorette Barber, Chair

Kristen Boyle

Will Collier

Cristina Crego

Mark Hamilton

Jennifer Hutchinson

Kat McClesky

Sarah Porter

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

Virtual Spring Student Showcase on ForagerOne

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

<https://symposium.foragerone.com/lufssrci20/>

The Showcase will be held **Wednesday, November 18 - Saturday, November 21, 2020**. From Wednesday – Friday, the symposium website will only be accessible to Longwood affiliated students, faculty, and staff. A LancerNet ID will be required to access the presentations. Beginning on Saturday, 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. There will be a mix of asynchronous and synchronous student presentations.

Presentations will be open for comments from Nov. 18 – Nov. 21, 2020.

Education Synchronous Presentations

Faculty Mentor: Dr. Candice Moench
EDUC 423 – Elementary School Literacy Instruction

Join us for live, synchronous presentations on Saturday, November 21 from 10:00 – 11:00am.

<https://longwood-edu.zoom.us/j/98007844698>

10:00am- Victoria Saunders

How has Distance Learning Impacted the Reading Comprehension Strategies of Low Socioeconomic Third Graders during COVID-19

10:15am- Abigail Whitt

Effectiveness of Instruction in Large and Small Groups in the Classroom

10:30am- Amanda Andersen

Strategies to Keep Students with Special Needs Engaged During Virtual Learning

10:45am- Madison Hommey

Virtual Teaching's Impact on Time Dedicated to Instructional Planning

11:00am- Catherine Allen

Social-emotional well-being of College students during Covid-19

11:15am- Rachel Swinson

The effects of COVID-19 and Distance Learning on the Mental Health of Preservice Teachers at Longwood University

11:30am- Emily Mozingo

Successful Behavioral Management Strategies in the Virtual First Grade Classroom

11:45am- Karly Harwood

The Impact of Covid-19 on Teacher's Mental Health

12:00pm- Casey McBride

What is the academic impact of elementary children, in a fifth-grade classroom, without internet connection to their peers who participate in virtual learning with a teacher?

Perspectives on Research in Science and Mathematics (PRISM)

Adam Gyori (Faculty sponsor, Dr. Christopher Labosier)

Thermal Safety and Risk of Children's Outdoor Playhouses

Meghan Hall (Faculty Mentor Dr. Eric Shanle)

Cancer Mutations Alter the Coactivator Activity of p300 Core

Abigail Harris and Thomas Hoke (Faculty Mentor Dr. Sujan Henkanaththehedara)

Assessment of Agnostic Interactions between Native and Invasive Crayfish using Novel Video Tracking System

Christopher Skibinski (Faculty Mentor Dr. Robert Blaisdell)

The effects of mouth guard use for sport performance enhancement on indices of neuromuscular force and power

Kimia Jahangiri (Faculty Mentor Dr. Benjamin Campbell)

Conceptualizing Chemistry in Three Layers

Haley Bresnahan (Faculty Mentor Dr. Andrew Yeagley)

Investigating aliphatic phosphazenes as quaternary amine cation (QAC) mimics

Keira Naff (Faculty Mentor Dr. Jonathan White)

Characterization of cellular targets and derivatization of a choline-appended Pt anticancer therapeutics

Christian Conner (Faculty Mentor Dr. Julian Dymacek)

Non-negative matrix factorization

Iris Hammond (Faculty Mentor Dr. Jeffrey Ledford)

Non-Local Kernel Approximation

Jessica Donahue (Faculty Mentor Dr. Steven Hoehner)

Maximum Surface Area Polytopes Inscribed in the Unit Sphere in R^3

Davice Jones and Kirsten Bauer (Faculty Mentor Dr. Dina Leech)

Using Big Data to Help Big Bass: Effect of Water Quality on Fish Populations in Briery Creek and Sandy River Reservoirs

Sarah Dooley (Faculty Mentor Dr. Dale Beach)

Exposing the Hidden Genetic Character of Non-Model Organisms

Independent Research

Marcia Lanasa, Adonel Grubb and Brianna Cervantes (Faculty sponsor, Dr. Andrew Yeagley)
Synthesis and antimicrobial evaluation of gallate esters

Ashlan Gordon (Faculty sponsor, Dr. Dorothy Suskind)
Teacher Research Project

Devon Shifflett (Faculty sponsor, Dr. William Holliday)
Catalan Identity as Expressed through Architecture

Casey Williams (Faculty sponsor, Dr. Hua Meng)
Taking Target to the Japanese Market

Austin Hedges and Joe Mustachio (Faculty sponsor, Dr. John McNabb)
Making Artificial CIPS Data with a Generative Adversarial Neural Network

Madalyn Foster and Alexis Wayland (Faculty sponsor, Tena Ewing)
Effects of Exercises on Chronic Diseases

Sammi Anderson and Emma Masaitis (Faculty sponsor, Leslie Cook-Day)
Stitching Fantasy into Reality

Emily Randall and Tobias Knappenberger (Faculty sponsor, Dr. Eric Laws)
The Effect of COVID-19 on Mental Health and Drug Usage

Emily Bowles (Faculty sponsor, Dr. Dorothy Suskind)
Incorporating Movement into Literacy Activities

Cormier Honors College for Citizen Scholars

Alaina Bierman (Faculty sponsor, Dr. Larry Robertson)
Pregnancy and the Role of an RA

John Eddy (Faculty sponsor, Dr. Larry Robertson)
The Effects of Perfectionism on College Students

Kendra Fetty (Faculty sponsor, Dr. Dorothy Suskind)
Inquiry in the Classroom

Collin Gilbert and Monea Allen (Faculty sponsor, Mr. Will Collier)
Drinking Water on Plant Growth

Meghan Griffin (Faculty sponsor, Dr. Chris Bjornsen)
Marijuana use, Motives for Marijuana Use, Effects of Use, Personality Traits, and Distress Tolerance in Adulthood

Abigail Harris (Faculty sponsor, Dr. Dorothy Suskind)
Impact of Multigenre on Teaching Science

Chiara Tomassetti and Hunter-Paige Johnson (Faculty sponsor, Mr. Will Collier)
A Bug's Life

Makenzie Kinter (Faculty sponsor, Dr. Matthew Lucas)
Working with Students with Fetal Alcohol Syndrome in a Movement Setting (teacher/classroom, recess, physical education): General Physical Education

Kacy Lloyd (Faculty sponsor, Dr. Virginia Beard)
An Application of Moffit's Developmental Taxonomy Theory of Crime through Research Conducted on Persistent Violent Offenders

Kendall Magee and James Cox (Faculty sponsor, Mr. Will Collier)
Aquatic Biodiversity: Microorganisms in Our Streams

Emily Robertson and Austin Moussa (Faculty sponsor, Mr. Will Collier)
Conventional vs. Organic? Soil properties, environmental impacts, and crop growth

Nathan Sikora (Faculty sponsor, Dr. Mark Kostro)
Elements of Igbo Culture in Chinua Achebe's Things Fall Apart

Evelyn Weldon (Faculty sponsor, Chief Kimberly Lettner)
Crisis and the Constitution: How the Government Handled Citizen Rights During COVID-19

Laura Wilcox (Faculty sponsor, Dr. Larry Robertson)
The Hygiene Challenge Among College Students

Stephanie Willis (Faculty sponsor, Dr. Timothy Ritzert)

The Risk of the Pandemic: Covid-19's Effect on Risk and Protective Factors

Bryana Woodson (Faculty sponsor, Dr. Jennifer Miskec)

Adaptation Theory and Scholarly Reception of Lois' Lowry's The Giver

Elizabeth Garri (Faculty sponsor, Dr. Jennifer Miskec)

The Role of Diversity in Adaptations and Retellings of Literature for Young Readers

Sarah Myroup (Faculty sponsor, Dr. Jennifer Miskec)

Foster and Orphan Narratives in Children's Literature

Citizenship 410
Symposium on the Common Good

Casey Williams, Robb David, Samantha Duke, Katelyn Weber, Anna Sotelo, Katrina Cokain, Morgan Armiger, Angelika Gomez, Ciara Martinez, Kendra Fetty, Jade O'Connor, Katelyn Housler, Tyler Roebuck

(Faculty sponsor, Dr. Adam Blincoe)

Flourishing Through Contemplative Practices

Trent Moxley, Caitlin Sullivan, Marshall White, Joseph Kohler

(Faculty sponsor, Dr. Dorothy Suskind)

Child Marriage: A Worldwide Issue

Maggie Baughan, Taylor Hess, Christian Wallace, Sam Matthews

(Faculty sponsor, Dr. Dorothy Suskind and Dr. Sarah Tanner-Anderson)

Research Day Project

Olivia Outhong, Danielle Murphy, Sara Beth Stansberry, Jared Wood

(Faculty sponsor, Dr. Dorothy Suskind and Dr. Sarah Tanner-Anderson)

The Worldwide Prevalence of Child Marriage

Clint Huffman and William Carter

(Faculty sponsor, Dr. Dorothy Suskind and Dr. Sarah Tanner-Anderson)

Why child marriage is still a problem in the modern world

Kaylee Faecke, Angel Rupard, Haley Newton

(Faculty sponsor, Dr. Dorothy Suskind and Dr. Sarah Tanner-Anderson)

Global factors of child marriage in today's society

Alaina Bierman, Marcel Guzman

(Faculty sponsor, Dr. Hannah Dudley-Shotwell)

Longwood Queer History and Public Memory - Housing

Sofia Perez, Payton Davenport, Rebekah Morris

(Faculty sponsor, Dr. Hannah Dudley-Shotwell)

Longwood Queer History and Public Memory: Joan of Arc

Audrey Lemons, Ashton Finehirsh, Jackson Walston

(Faculty sponsor, Dr. Hannah Dudley-Shotwell)

Longwood Queer History and Public Memory - Dining Services & Chik-Fil-A

M. Heimburg, Katherine Buchholz, Hannah Elmore

(Faculty sponsor, Dr. Hannah Dudley-Shotwell)

Longwood Queer History and Public Memory: Housing

Taylor Trenton, Olivia Martin, Addison Steeley, Zoe Hutchens, Alexandra Pritchett, Kaitlyn Lucas
(Faculty sponsor, Dr. Isabel Fay)
The Debate on the Solution to Climate Change

Hallye Workman, Samantha Gilson, Shannon Henshaw, Rachel Kuney, Alyssa Martin, Deyonce Brown, Brittany Tolbert
(Faculty sponsor, Dr. Isabel Fay)
Climate Change Solutions

Cailynn Anderson, Lily Ansley, Zoe Ansley, Grace Bayer, Kaylena Crabtree, Marissa Croson, Lexi Ellis, Haley Moomau, Isabella Naccarato, Caroline Taylor, Aleigha Thien, Morgan Thomas, Madison Tuck, Ellen Tucker, Holly Wandless
(Faculty sponsor, Dr. Kerri Cushman)
Power of the Press

Austin Agee, Dulany Fralin, Olivia Powell, Hayes Turner
(Faculty sponsor, Dr. Erin B. Waggoner)
Creating and Evaluating Social Media Campaigns: #thebaggagewecarry

Summer Kirby, Seneca Peklo, Molly Smith, Hannah Westlund
(Faculty sponsor, Dr. Erin B. Waggoner)
Creating and Evaluating Social Media Campaigns: #WomansHealthMatters

Essie Brandon, Bridget Canderelli, RaeAnn Jones, Aemelia Lunardi
(Faculty sponsor, Dr. Erin B. Waggoner)
Creating and Evaluating Social Media Campaigns: #LongwoodGetsInvolved

Melissa Harris, Maya Ingram, Jordan Oliver, Amber Sykes
(Faculty sponsor, Dr. Erin B. Waggoner)
Creating and Evaluating Social Media Campaigns: #ourhair

Daniel Milstead, Andrew Snead, Sarah Staples, Jessica Stitts
(Faculty sponsor, Dr. Erin B. Waggoner)
Creating and Evaluating Social Media Campaigns: Inequalities in Education

Biology

Faculty Mentor: Dr. Consuelo Alvarez
BIOL 250- Introduction to Genetics and Cell Biology

Bethany Alvarez, Curran Atkinson, Abigail Watkins

The Effectiveness of pGLO Plasmid as a Marker in Biotechnology

Morgan McClaskey, Abigail Henderson, Christian Michael

pGLO Plasmid has Potential to Ease the Process of Understanding DNA

Amanda Palmer, Emily Sukhai, Dustin Woodall

The Use of GFP(Green Fluorescent Protein) to Track Bacteria Growth

Isabella Maney, Ellen Tucker, Lloyd Dominguez

Isolation of Green Fluorescent Protein from pGLO Plasmid to Create Fluorescent E. Coli

Thomas Hoke, Kelsey English, Taylor Coleman

GFP Protein Expression in E-coli Bacteria

Rebecca Mills, Miguel Diaz-Montealegre

Bacterial Transformation of Green Fluorescent Protein from pGLO

Faculty Mentor: Dr. Dale Beach
BIOL 250- Introduction to Genetics and Cell Biology

Tatum Newton, Timothy Bolton, Alayna Palamar

Amplification and Sequencing of DNA and RNA within SARS-CoV-2

Ashley Wilson, Kylee Wright, Jessica Manuel, Samari Brown

Sequencing a Polymerase Chain Reaction to Determine the Presence of Mutations in GFP Gene

Tajayda Arrington, Isabella Riccoboni

Polymerase Chain Reaction (PCR) Amplification Within Therapeutic Antibodies and Related Proteins

Macy Franchebois, Taylor Murphy, Ariel Oglesby

Verifying Green Fluorescent Protein Within the pGLO Plasmid for Pathogen Transmission

Madison Wessells, Kelsey Swegle, Emily Arrington, Lauren Williams

Presence of GFP and Mutations in pGLO Plasmid

Faculty Mentor: Dr. Justin Ellis
BIOL 251- Introduction to Ecology and Evolution

Cassandra Garrett, Nadia Mullins, Julia White, Miguel Diaz

The Influence of Human Population on the Northern Cardinal and Pileated Woodpecker in Northern Virginia

Jamie Slaughter, John Bollinger, Emily Sukhai

The effects of increased wildfire on bird populations in the Shasta-Trinity National Forest of northern California.

Davice Jones, Delaney McMahon, Rebecca Mills, Isabelle Villarreal, Isabella Maney

Influence of Pesticide Bans on Bird Abundance and Diversity in Santa Barbara, CA

Faculty Mentor: Dr. Sujan Henkanathegedara
BIOL 251- Introduction to Ecology and Evolution

Bryce Hertzler, Samari Brown, Mary Scott

Testing the Intermediate Disturbance Hypothesis with Eastern Bird Populations

Dylan Scordellis, Phil Anderson, Amari Riddick, Lloyd Dominguez

Potential Effects of Climate Change on the First Arrival Dates of Migrating Ruby-Throated Hummingbirds

Tajayda Arrington, Ashley Wilson, Kaylen Karnes

Spread and Population Dynamics of Brown Marmorated Stink Bugs in North America and Europe

Isabella Riccoboni, Melanie Rowland, Val Phillips, Emily Edwards

Population Dynamics of Invasive Burmese Pythons in the Everglades

Faculty Mentor: Dr. Mark Fink
BIOL 488- Senior Capstone

Arleigh Wood

Adios Adjuvant: Combination Immunotherapy for Pediatric Acute Lymphoblastic Leukemia (ALL) Patients

Brianna LaFratta

An investigation of cell phone use correlating with cancer prevalence

Emily McCartney

The Impacts of Loneliness & Social Isolation on the Elderly Population due to COVID-19

Isai Perez

Antidepressant Use and Possible Alternatives

Raquel Perez

Combining Treatments for Opioid Addictions

Abigail Harris

Mapping of South American Canis Lupus Familiar

Kelsey Thornton

Chlamydia in Koalas

Faculty Mentor: Dr. Sujan Henkanathegedara
BIOL 495 – Introduction to Wildlife Biology

Griffin Mayo

The Conservation and Trafficking of Pangolins

Hunter Gillespie

The Effects of Climate Change on Polar Bears

Isai Perez

Human-Big Cat Conflict

Rebecca Aylor

Bringing Back the Atlantic Puffin

Coleman Behne

Factors Contributing to the Decline of Bees

Ally Jo Salomon

The Affects of Poaching on Rhinos

Communications Studies

Faculty Mentors: Dr. Naomi Johnson
COMM 295 – News Literacy

Nicole Ardivino, Laura Barrett, Shelby Rogers, Danielle Brazda

Kanye West's Presidential Campaign and Its Effects on News Consumers and Voters

Aubrey-Grey Watson, Jessica Boggs

"You're in Danger": Identifying Reliable Opinion Journalism

Garrett Boggio, J.R. Leo

Real vs. Fake

Cade Kinzel, Heather Waldo

Viewer's duty to know the difference between opinion journalism and assertion articles

Kevin Mercer, Dawson Wade

The Covid-19 bioweapon theory

Qwonneshia King, Christian Wilson

How does the Black Lives Matter protester's depiction in the media affect the movement?

Kenneth St. Thomas, Malik Robison

Early Voting and Biased Opinions

Criminal Justice

Faculty Mentors: Dr. Virginia Beard
CRIM 461 – Senior Seminar in Criminal Justice

Abigail Lesser

The Effectiveness of Post Incarceration Work Programs on Recidivism Rates of Post Release Offenders

Caleb Franklin

The Impact of Less than Lethal Force policies on Police Agencies (Use of Excessive and Deadly Force)

William Bradt

The Impact of Police Militarization on Police Community-Relations

William Gill

The Impact of Multisystemic Therapy on Reducing Recidivism in Juveniles

Taylor Jennings

The Effectiveness of Red Flag Laws on Reducing Intimate Partner Homicide by a Firearm

Emily Shine

The Impact of Victim Advocacy Programs on the Retention of Domestic Violence Cases Within the Court System

Zach Paquette

The Impact of Hot Spot Policing and Directed Patrol on Rates of Crime

Joseph Shaffer

The Impact of Solitary Confinement, as a form of punishment, on the Mental Health of Incarcerated Persons

Kayla Cunningham

The Success of Sex Offender Treatment Programs on Sex Offender Recidivism for Sexually Based Offenses

Rosalyn Nelson

The Effectiveness of Drug Court Treatment Programs on Drug Related Recidivism

Paul Sanchez

The Impact of Electronic Monitoring on Recidivism as a Means for Early Release to Reduce Prison Overcrowding

Jordan Ellis

The Impact of Community Policing on Public Perception of Law Enforcement Officers and Agencies.

Colton Williams

The Effectiveness of Community Policing in Reducing Crime in High Crime Areas

Alexandra Talley

The Effectiveness of the D.A.R.E. Program as a Deterrent for Drug Use Among Juveniles

Jamal Allen

The Influence of Victim Impact Statements on the Sentencing of Offenders in Federal Trials Around the Globe

Alexis Fields

The Impacts of the Mandatory Arrest Policy on Reducing Domestic Violence Recidivism

Courtney Hegwald

The Effectiveness of The Three Strike Laws on Reducing Recidivism Rates

Olivia Rhodes

The Impact of Juvenile Diversion Programs on Rates of Juvenile Recidivism

Education and Special Education

Faculty Mentor: Dr. Aftab Khan
EDUC 245 – Human Growth and Development

Lauren Wright

There's more to divorce than living in separate households

Molly Ashcraft, Sarah Braham

Are Your Problems Affecting Your Child?

Alicia Hall, Shana Anderson, Haley Mayo

Social Emotional Development In Children Living with Extended Family Members

Jessie Stinnett, Abigail Tackett, Shawn Shiflett

""Effects of Uninvolved Parenting""

Hannah Robins, Hannah Williams

Affect of a Military Parent on Child social and emotional development

Montrell Flowers

Effects of Mental Illnesses through Childhood

Elena Lavigne

Impacts of Divorce on Child Development

Grace Cook

Four Ways To Parent

Afton Jones

The Effects of Teen Pregnancy on a Teen Mother

Anthony Roland, Nathan San Juan

Effects of a parents death on a Childs emotional, social, and cognitive development.

Andrea Davenport, Jaelynn Edwards, Mackenzie Cersley

Authoritative vs. Uninvolved: Analyzing the different ways these parenting styles affect a child on a cognitive, social, and emotional standpoint.

Georgia Smart, Tanasia Nicholson, Jackie Vesley

Single Parenting and Child Development

Faculty Mentor: Dr. Dorothy Suskind
EDUC 423 – Elementary School Literacy Instruction

Amber Powers

Incorporation of Kinesthetic learning into literacy and word study

Sarah Morgan

Motivating Students to Read

Emily Bowie

Incorporating Movement Into the Classroom

Sarah Myroup

Classroom Readings in Discussions on Diversity

Allison Derrick

How can I motivate students that act out in class?

Riley Mosher

How Can I teach students to develop their own voice through the Incorporation of the Arts.

Kelsey Yates

Bringing Up Student's Reading Comprehension Levels

Madison Slaybaugh

Incorporating Kinesthetic Learning Into Literacy

Taylor Adams

How does integration of the arts in education help students to make connections with literacy?

Megan Vernon

Motivating students to read and write

Faculty Mentor: Dr. Candice Moench
EDUC 423 – Elementary School Literacy Instruction

Katie Barden

The Impact on Behavior Management Strategies on Student Behavior

Ashley Dykes

Impact of Covid-19 on PALS Testing Scores

Jennifer VanLear

PALS: In Person vs. Online

Megan Kerr

Teacher Research Project

Faculty Mentor: Dr. Aftab Khan
SPED 475 – Language Development and Disorders

Braden Butka

How seeing sound helps students develop verbal language: Visual Phonics in the classroom

Sarah Allwein, Carly Childress, Brooke Baker

""Picture it""

Megan Oxendine, Anna Queeney

Pivotal Response Training in Students with Autismkhan

Natalie Hall, Keely Withington, Megan Leahy

The Wilson Reading Program

Alexis Lyles, Molly McCracken

Incidental Teaching for Autism Spectrum Disorder

Mallory Talbert, Bri Meek

Language Interventions and Autism

Jordan Hairston, Special Childress

Picture Communication

Henley Moseley, Francesca Santamaria, Rachel Parks

The Effects of the Picture Exchange Communication System on the Language Development of Children with Autism Spectrum Disorder

Makenzie Kinter, Alisabeth Rodriguez, Javion Peterson

The Effect of Social Stories on the Language Development of Children with Autism

English

Faculty Mentor: Dr. Heather Lettner-Rust
ENGL 210 – Honors Introduction to Digital Writing

Haynes Daniel

Car Reliability Infographic

Kaleigh Beale

Marine Plastic Pollution

Bridget Hafdelin

First-Overall Pick: Hockey's Most Valuable Resource

Kate Frey

The Coca-Cola Foundation's Money Distribution

Faculty Mentor: Dr. Scott McDarmont
ENGL 400- Active Citizenship and Writing

Katie Loomis

Misperceptions on Birth Control

Logan Callahan

The Importance of Bedside Manner

Eva Kelly

Food Deserts In America

Ashton Seifert

Misperceptions of mental illnesses

Cade Kinzel

Mental Health

Brookelyn Parker

Misperceptions of Feminism

Zara Tirrell

Student-Athletes and The Battle of Mental Health

William Van Orden

Misperception of household Drugs

Sarah Spencer

Misperceptions created by incomplete sex education

Diana Smith

International News

Rachel Wells

Why the world news sweatshops

Devin McCann

Devin McCann - ENGL 400 - Poster

Chablise Hammie

Is the customer really always right?

Benjamin Griffin

Facebook an Ethical Dilemma

Megan Tate

Misconceptions in Healthcare

Devin Rivera

Music as a Need for Survival

Austin Hedges

Misperceptions About the Danger and Usefulness of Spaceflight

Madelyn Descutner

The Misconceptions of Diabetes in America

Dylan McKercher

Misperceptions of Mental Health in the media (working title)

Karlie Walter

Misconceptions about Pharmaceutical Costs

Lauren Richardson

The Lack of Fresh Fruits and Vegetables

Katherine Smith

Women's Health

Melody Geisinger

Misperceptions About Women in Prison

Emily Randall

Poverty and Mental Health

Alexus Swafford

Human Trafficking

Mary Waldrop

Community Health Nurses Combatting Health Misperceptions

Rachel Harding

Misconceptions on inclusive classrooms

Alicia Gregory

Exercise and the Brain

Mark Peeters

Media Misconceptions

Hannah VanHoose

Comparative Analysis: Animal Testing vs Animal Research

Sophia Tamilio

Misconceptions about Learning Styles

Victoria Coleman

Manipulation of Data through the Use of Visual Design

Ayanna Seward

Research on the Misperceptions within the LGBTQ+ Community

Amanda King

Misperceptions about the LGBTQIA+ community

Landen Horton

Depression in the Adolescent Population

Nathaniel Teague

Lifestyle on Premature Mortality in the US

Sarah Dooley

Common Misconceptions about Supplements and Vitamins

Carolyn Durloo

Toxic Masculinity and Fandoms

Patrick Muse

The Myth of Learning Styles

Jordan Inniss

When Does Bullshit Become Lying?

Sydney Mitchell

Why Nurses should participate in Hackathons?

Taylor Keeler

Tiffany Carter

The Difficulties of Being Able to Receive a Tubal Ligation

Jonathon Shauberger

ESA and Service Dogs

Linsey Newcomb

Misperceptions within the homeless population

Jonae Dixon

View of Muslims in America

Jaclyn Tobin

Mental Health Awareness on College Campus

Schuyler Thiele

Until 1 in 3 becomes none in 3

Blair Rossi

The impact of SOL testing on students with special needs

Meghan Watson

Defunding the Police

Health, Athletic Training, Recreation, and Kinesiology

Faculty Mentor: Dr. Amanda Blaisdell
HLTH 325 – Human Diseases

Adrienne Fletcher

Moments: The Adventure of Life

Katie Cole

Will you fail your heart?

Madalyn Foster

We Have a Bone to Pick

Haley Bendall

Steven's Sugar

Alexandra Crews

The Secret Epidemic: The Story of AIDS

Jameka Elliott

The Adventure of Alzheimer's

Christopher Buckhorn

The possible paths of high cholesterol

Tessa Gray

Stoke. Are you going to let it kill you?

Macy Franchebois

How Daily Choice Impact your Liver Health

Angelika Gomez

What will happen next?!

Seth Johnson

The Life of Alzhiemer's

Ethan Lewter

What Your Choices Could Lead To

Kendal Marker

Heart Attack

Danielle Walton

The Great Stroke

I-Mecka Anderson-Jenkins

Colorectal Cancer

Kayla Bailey

Can You Outsmart Brain Cancer?

Kaitlyn Huff

The Choice Is Yours: Skin Cancer

Caitlin Alverio

The Journey of Breast Cancer

Ethan McKinney

The life story of Josh Matthews

Camryn Conklin

Asthma

Nursing

Faculty Mentor: Dr. Kim Little

NURS 360- Introduction to Research and Evidence Based Practice

Haley Gordon

Nursing Care with PPE and Respiratory Therapies

Hannah Deacon, Amanda Newman

Correlation between Obesity and School- based Programs

Ashlyn Yevchak, Julia Whitt

Blood Pressure Measurement and Effects on Lymphedema Development- What Do We Know?

Lawrence Hannah

Patient Education Effects on Health Outcomes

Navy Stevens, Taylor-Erin Evitts

IV vs Oral Antibiotic Resistance

Kelsey Mawyer, Aydan Drake

Effect of umbilical cord cutting on the risk of developing physical diseases

Brooke Richard, Tyler Zier

How has COVID-19 affected nurse staffing in relation to burnout?

Brittany Smith, Abigail Clark

Medical marijuana use in cancer patients.

Rebecca Anderson, Emma Sanford

Effectiveness of EpiPen and Its Alternatives

Abigail Mills, Joelle Harthun

The Effectiveness of Cloth Masks vs. Gator Masks in Preventing the Spread of COVID-19

Madison Taylor, Lillian Gamble

In adult patients receiving wound care, what is the effect of wound care given using clean technique, compared to wound care given using sterile technique on efficient wound healing process without complications?

Faculty Mentor: Dr. Jennifer Hutchinson
NURS 360- Introduction to Research and Evidence Based Practice

Amaya Bell, Amanda Chamberlain

In oncology patients, is the use of medicinal cannabis more effective than standard treatment in reducing pain, nausea, and other common symptoms?

Sarah Katherine Stansell, Hannah Ramey

In post stroke patients, is virtual reality therapy more effective than intensive rehabilitation therapy in improving physical mobility and speech?

Morgan Tharpe, Madison Wessells

Are hormone therapies more effective in treating the manifestations/ symptoms of menopause than lifestyle, exercise, and diet changes

Courtney Frazier, Kelly Jeter

P- Pregnant Mothers (women) I- Developing preeclampsia during pregnancy C- not developing preeclampsia or not having high blood pressure during pregnancy O- The mother will have an increased risk of developing postpartum depression from preeclampsia

Bobbie Umberger, Selena Carrera

The Impact of Hand-off Reports in Nursing

Sam Loucas, Mikayla Shockley

Influence of Role Model's on Teen Smoking

Brianna Webb, Hannah Hickman

In cancer patients, what is the effect of pharmaceutical treatment versus non-pharmaceutical treatment on decreasing anxiety?

Jill Martin, Jessica Overby

For patients with urinary system dysfunction and/or immobility issues, does using alternative methods (i.e. Purewicks and condom catheters) as compared to indwelling urinary catheters decrease the risk of CAUTI (Catheter Associated Urinary Tract Infection)?

Julia Bass, Morgan Davis

Does education about human papilloma virus (HPV) given in an educational setting influence intention to become vaccinated compared to education given via social media in patients aged 12-26?

Lindsey Walker, Mackenzie Hodge

Telehealth effects on medication adherence

Psychology

Faculty Mentor: Dr. Stephanie Buchert
PSYC 461- Senior Seminar

Nicole Copeland, Italy Gayles

The Effects of Different Living Environments on Anxiety during COVID-19

Holly Carper, Jacob Auerbach, Meghan Griffin

The effect of Covid-19 related stress on self-perceived level of health behaviors

Andrew Larsen, Kinsey Pomeroy, Genevieve McAlexander

The Impact of Personality Traits on Panic Buying Behavior

Macey Grisso, Ryan Lutton, Josh Damron

Cyberchondria and Health Anxiety During the COVID-19 Pandemic

Angel Rowlett, Mariah Snoddy

Overworked Healthcare Personnel and Patient Satisfaction

Abigail Goldberg, Grace Walton, Liam Mullen

Changes in Partying Behavior During the COVID-19 Pandemic

Faculty Mentor: Dr. Timothy Ritzert
PSYC 461- Senior Seminar

Kathryn Bates, Robert Rodenbaugh, Autumn Wiesner

An Exploration of Health Behavior: Conformity and Mask Usage

Creshell Washington, Linsey Newcomb, Rebeka Petrick

An Exploration of Student Backgrounds and Mood

Melody Geisinger, William Van Orden

COVID-19 Social Isolation Effects

Kelly Higgins, Alyssa Martin

Relationship Between Big 5 Personality Traits and Health-Related Behaviors

Eli Banks, Shala Davis, Arthur Stevens

Anxiety Experiences with Remote Learning Compared to In-Person Learning

Meghan Petrocelli, Haley Schultz, Morgan Thomas

Relationship Among Routine Preference and Openness to Experience, During to Covid-19, on Rates of Psychological Distress

Spanish

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