



PRESBYTERIAN COLLEGE

COLLEGE of ARTS & SCIENCES | SCHOOL of PHARMACY | SCHOOL of HEALTH PROFESSIONS

HONORS DAY SYMPOSIUM 2023

Honors Day Program on April 20, 2023

**Panel numbers are not indicative of chronological order*

Panel 1: Chemistry I

8:30a.m.-9:15a.m. Whitelaw Auditorium, Richardson Hall

Moderator: Dr. Latha Gearheart

The Effects of DNA Coating on the Cytotoxicity of CdS Nanoparticles

30-Minute Departmental Honors Presentation

Presenter: Lily Taylor (starts at 8:30am)

The Effects of Gold and Silver Nanoparticles on the Curing and Antimicrobial Properties of Commercial Clear Coats

30-Minute Departmental Honors Presentation

Presenter: Liliana Jaraczewski (starts at 9:00 a.m.)

Panel 2: Business and Economics

8:30a.m.-12:00p.m., Chapman Conference Center, Jacobs Hall

Moderator: Dr. Rachel Childers

Gender Inequality in Sports

15-Minute Presentation

Presenter: David DeJuan Herring, Jr.

Is Football Heading in a Safer Direction for Players and their Safety

15-Minute Presentation

Presenter: Jalen Rashaad Banks

Injuries During Return to Sport After the COVID-19 Lockdown (15 mins)

15-Minute Presentation

Presenter: Ignacio Gallego

How EU countries recovered since Covid-19 pandemic (15 mins)

15-Minute Presentation

Presenters: Jose Omoshigo Lado Okoro

Reexamination of Too Tired to Think: Within and Between-Person Relations Among Impulsive Traits, Sleep Duration, and Mental Health Outcomes

15-Minute Presentation

Presenter: Mickey Charles Walker, III

A Reinvestigation of the Introduction of Video Assistant Referee and its Effect on Home Advantage in the German Bundesliga

15-Minute Presentation

Presenter: Connor Hudson

MLB Payroll Efficiency
15-Minute Presentation
Presenter: Benjamin Loftis Stone

Acute Effects of Video-game Playing Versus Television Viewing on Stress Markers and Food Intake in Overweight and Obese Young Men
15-Minute Presentation
Presenter: Jordyn Perry Wall

The Effects of Big Data on the Real Estate Market
15-Minute Presentation
Presenter: Willie James Pontoon, III

Reexamination of The Relationship Between Institutional Expenditures and Student Graduation and Retention
15-Minute Presentation
Presenter: Seth Ayden Cooper

Global effects of COVID-19 on the stock market
15-Minute Presentation
Presenter: David Isaiah Thompson

The Impacts of Gender Stereotypes on Female Accountants
15-Minute Presentation
Presenter: Colleen Alyce Hirt

The Relationship between Participation in Sports and Academic Achievement
15-Minute Presentation
Presenter: Owen Cooper McCormack

How do Customers Change Their Purchasing Behaviors During the COVID-19 Pandemic?
15-Minute Presentation
Presenter: Elizabeth Faye Lane

Panel 3: History I

8:30a.m.-12:00p.m. Neville 102
Moderator: Dr. Stefan Wiecki

A Few Good Men and the Lives They Touched
15-Minute Presentation
Presenter: Elizabeth Lath Freeman

SS Officers' Escape to Argentina Post-WWII
15-Minute Presentation
Presenter: Kelli Jayne Kragh

The Men Behind the Wannsee Conference of 1942
15-Minute Presentation
Presenter: Payton J. Hibler

The Utilization of Nazi Propaganda before and during World War II to create an Antisemitic Environment

15-Minute Presentation

Presenter: Thomas Barker Hollingsworth III

The Doctors of the T4 Project and the Question of Guilt

15-Minute Presentation

Presenter: Gretchen LeGrand

The Generational Effects of the Holocaust on German Society

15-Minute Presentation

Presenter: Brianna Nichole Parnell

Panel 4 : Math and Computer Science

8:30a.m.-12:00p.m. HP Amphitheater

Moderators: Dr. Kara Shavo and Dr. Olivia Nche

Graph Theory and Natural Language

15-Minute Presentation

Presenters: Tori Snyder, Brian Foster, and Hayley Steves

5-minute break

The Sights and Sounds of My Study Abroad Experience in France

15-Minute Presentation

Presenter: Jalen Banks

Ancient Egypt

15-Minute Presentation

Presenter: Malik Busby

A House Tour in Unity 3D

15-Minute Presentation

Presenter: Logan Nichols

Total Rehab

15-Minute Presentation

Presenter: Jalen Jones

10-minute break

Conveying Abstract Concepts in a Fun Way

15-Minute Presentation

Presenter: Isaiah Hawkins Jr.

How Basic Programming Concepts is Crucial in K-12 Learning

15-Minute Presentation

Presenter: Abigail Sparkman

The Study of Cognition Growth in Education Using Virtual Reality

15-Minute Presentation

Presenter: Taylor Cochran

Game Shows as Teaching Tools

15-Minute Presentation

Presenter: Obed Hessou

10-minute break

A new World of Virtual Reality

15-Minute Presentation

Presenter: Trey Davis

The Creation of Sweet Spot Striker Game

15-Minute Presentation

Presenter: Carter Huggins

Using Unity to Design a 3D Game

15-Minute Presentation

Presenter: Trent Thompson

Panel 5: English

9:00a.m.-11:45a.m. Neville 121

Moderator: Dr. Emily Taylor

Caribbean Women Writing the Law: Representations of Double-Colonization in Wide Sargasso Sea and Prospero's Daughter

30-minute Departmental Honors Presentation

Presenter: Madison Ann Watkins

The Angles of the Event: How the Unconventional Texts of Extremely Loud and Incredibly Close and In the Shadow of No Towers Shift the Meaning and Understanding of the Events of 9/11

30-minute Departmental Honors Presentation

Presenter: Sarah Elizabeth Smathers

Following Fantasy: How has the Genre Evolved from British Plays to Contemporary

30-minute Departmental Honors Presentation

Presenter: Sophie Catherine Sullinger

15-minute break

Sustainability and Survivability: Are Local Newspapers in South Carolina Endangered?

30-minute Departmental Honors Presentation

Presenter: Lauren Elisabeth Andrews

The Reactionary Legacy of Southern Lesbian Literature

30-minute Departmental Honors Presentation

Presenter: Emma Kate Bradley

Panel 6: Chemistry II

9:40a.m.-10:40a.m. Whitelaw Auditorium, Richardson Hall

Moderator: Dr. Ladie Kimberly De La Cruz

Effects of Nitrogen Starvation on Sphingolipid Metabolism in Saccharomyces cerevisiae

30-Minute Departmental Honors Presentation

Presenter: Mykayla Overton

Investigating the mechanism of co-suppression between rvs161 growth defect and Hxt4 overexpression in Saccharomyces Cerevisiae

30-Minute Departmental Honors Presentation

Presenter: James McCollum

Panel 7: Poster Session Humanities and Social Sciences

10:00a.m.-11:30a.m. placed in Cornelson Center Lobby, Neville Hall

Moderators: Dr. Julie Meadows, Dr. Carla Alphonso, Dr. Tammy Graham

Minorities in America

Poster Presentation

Presenter: David Alexandre' Kinard, Jr.

Gender Pay Gap in the Medical Field

Poster Presentation

Presenter: Bryanna Marie Brady

A Comparison of Pre-Service Educators and Practicing Certified Teachers' Opinions on the Importance of Professional Dispositions

Poster Presentation

Presenter: Stephanie Elizabeth Squires

Teachers' Perceptions of the Importance of Creating a Positive Classroom Environment

Poster Presentation

Presenter: Gracen Elizabeth Sharp

The Bluehose Brew: A Café Community

Poster Presentation

Presenter: Lili Jaraczewski

#WEAREPC Music Festival: Clinton Community UNITY

Poster Presentation

Presenter: Kennedy Elise Perry

Camp Wide Celebration Worship Experience

Poster Presentation

Presenter: Jimmy Lee Gary

Battle of the Bands Fundraiser for the Hope from Haley Hughes Foundation

Poster Presentation

Presenter: Christopher Lawson Page

Toastmasters International
Poster Presentation
Presenter: Yusuf Ubaidullo Jomiev

Easter Cookie Decorating
Poster Presentation
Presenter: Natsuki Yokoyama

Panel 8: Chemistry/Biology

10:50a.m.-11:50a.m. Whitelaw Auditorium, Richardson Hall
Moderators: Dr. Evelyn Swain and Dr. Margo Petukh

Using Yeast as a Model for Niemann - Pick Type C -1 Disease
30-Minute Departmental Honors Presentation
Presenter: Evelyn Kitchko

The Role of Saccharomyces Cerevisiae as a Model for Niemann-Pick Type C Disease and Its Potential Treatment
30-Minute Departmental Honors Presentation
Presenter: Itzel Coria

Panel 9: Poster Session Physics and Pharmacy

12:00p.m.-1:30p.m. placed outside of Whitelaw Auditorium, Richardson Hall
Moderator: Dr. Eli Owens

Optimization of Sputter Deposition System to Promote Sn Whisker Propagation
Poster Presentation
Presenter: James Armstrong

Soft Robotic Prosthetics Utilizing Granular Materials
Poster Presentation
Presenter: Marigordon Varner

Effects of Calcium-Free Seawater on development of Lytechinus variegatus
Poster Presentation
Presenters: Jessica Ferqueron and Kyle Decker

Chronic Progressive External Ophthalmoplegia: A Chiropractic Case Study
Poster Presentation
Presenters: Eva Marie Hinkleman and Blake Bouknight

Progressive Osteogenesis in the Avian limb: A study in correlative microscopy.
Poster Presentation
Presenters: Blake Bouknight and Ciera Carter

Student Observations and Analysis of Medication Errors in Community Pharmacy Settings
Poster Presentation
Presenter: Martine Abouchabki
Cost Analysis of Vancomycin as Compared to Dalbavancin for the Treatment of Severe Skin and

Soft Tissue Infection or Osteomyelitis in High-Risk Patients

Poster Presentation

Presenter: Seth Southerland

The Future of the Multistate Jurisprudence Exam (MPJE)

Poster Presentation

Presenter: Gabe Knight

Panel 10: Art – Senior Art Exhibition

12:00p.m.-1:30p.m. Harper Gallery

Moderator: Professor Mark Anderson

Senior Art Exhibition

Presenters: Cyndi Lewmaya Miller, Taylor Cunningham, and Matthew Duncan

Panel 11: Music – Recital

2:00p.m.-3:00pm Edmunds Hall

Moderator: Dr. Karen Buckland

Seniors

Patrick Leonard, *piano*

Lawson Page, *tenor*

Aubree Price, *mezzo soprano*

Juniors

Daniel Martens, *cello*

Daniel Norris, *alto saxophone*

Freshmen

Habana Rubio, *piano*

Samuel Rodekohr, *cello*

Panel 12: History II

1:30p.m.-4:00pm Neville 102

Moderator: Dr. Will Harris

America's Identity Crisis: The Hippie Movement and Its Effects on the 1960s

15-Minute Presentation

Presenter: Hallie Ridings

The Cuban Missile Crisis: Putting the Focus Back on Cuba

15-Minute Presentation

Presenter: Rafael Guerra

Chicago, Cronkite, and Consequences: Media Coverage and the 1968 Democratic National Convention

15-Minute Presentation

Presenter: Avery Milhorn

Black Women in the Civil Rights Movement

15-Minute Presentation

Presenter: Maya Reyes

Defining and Contextualizing American Law Enforcement's Antagonism Directed Towards Queer Communities in the 1960s

15-Minute Presentation

Presenter: Natalia Papotto

Panel 13: Economics and Business II

1:30p.m.-2:30pm Chapman, Jacobs Hall

Moderator: Dr. Suzie Smith

Tax Cuts and Jobs Act of 2017's Impact on US Individual Taxpayers in Five States

30-minute Departmental Honors Presentation

Presenter: Colleen Alyce Hirt

Examination Of The Effects Of Faculty Compensation And Level Of Experience On Student Outcomes At 4-Year Southern Colleges And Universities

30-minute Departmental Honors Presentation

Presenter: Seth Ayden Cooper

Panel 14: Psychology

1:00p.m.-3:00pm HP Amphitheater

Moderator: Dr. Sarah Burns

Subjective Well-Being and Existential Themes Among Adults 65+

30-Minute Departmental Honors Presentation

Presenter: Elaine Isabella Powers

Investigating the Narcissism Subtypes' and their Parasocial Relationships with Fictional TV Characters

30-Minute Departmental Honors Presentation

Presenter: Sarah Elizabeth Smathers

Formation and Function of Parasocial Relationships Among Narcissistic Individuals

30-Minute Departmental Honors Presentation

Presenter: Sophie Catherine Sullinger

The Effect of Cell Phone Notifications at Different Levels of Processing on Memory

30-Minute Departmental Honors Presentation

Presenter: Brandon John Stiff

Panel 15: Biology

1:00p.m.-3:50pm Whitelaw, Richardson Hall

Moderators: Dr. Jim Wetzel, Dr. Austin Shull, Dr. Michael Rischbieter

Classifying Mutations with Unknown Clinical Significance in the Human NPC2 Protein

30-Minute Departmental Honors Presentation

Laken Fulmer

Effects of Dietary Iron on Taxonomic Composition and Function of the Zebrafish Gut

Microbiome with Spectroscopical Metabolomic and Lipidomic Analysis

30-Minute Departmental Honors Presentation

Presenter: Megan Whisonant

10-min break

IL32 expression contributes to a cell stress response and ECM-remodeling expression signature in breast cancer stem cells (starts at 2:10pm)

30-Minute Departmental Honors Presentation

Presenter: Megan Wilson

Evaluating the Metastatic Tendencies of Breast Cancer Cells through the lens of the Chorioallantoic Membrane (CAM)

30-Minute Departmental Honors Presentation

Presenter: Paige Cairns

10-min break

Benthic Foraminifera as Indicators of Sea Level Change Between the Donoho and Peedee Formations in Florence, South Carolina (starts at 3:20p.m.)

30-Minute Departmental Honors Presentation

Presenter: Kenedie Conaway

Panel 16: Religion and Philosophy

1:30p.m.-2:30pm Neville 122

Moderator: Dr. Julie Meadows

Experiences of Female Pastors in the Baptist Denomination

30-minute Departmental Capstone Presentation

Presenter: Jenna Grace Greene

Reconciling Faith and Reproductive Rights

15-Minute Presentation

Presenter: Ava Louise Ward

Panel 17: Pharmacy

1:30p.m.-2:15pm Neville 121

Moderator: Dr. Christopher Farrell

P-gp Substrate of Reflux Medication Induces Drug Resistance and Promotes Cancer Growth in Esophageal Tumor Cells

15-Minute Presentation

Presenter: Mayah Lee

Induction of Cancer Resistance in A549 Cells

30-Minute Departmental Honors Presentation

Presenter: Patrick Leonard

Panel 18: Internship Poster Session

On display in Neville Rotunda, Neville Hall

Presenters:

Eva Hinkleman - Psychology internship with ProHealth Center

Sarah Loftis - Pre-law internship with Burnette, Shutt, and McDaniel PA

Avery Long - Business Data Analytics internship with Rich Products Corporation

Landon Norizsan - Media Studies internship with Presbyterian College Marketing

Reagan Turner - Biology internship with Prisma Health, Oncology

Megan Whisonant - Biochemistry internship with Pharmaceutical Associates, Inc.

Jackson Wright - Political Science internship with Anderson County Economic Development Corp.

Thank You!

A FINAL THANK YOU TO:

Organizer

Dr. Stefan Wiecki

Divisional Coordinators

Dr. Julie Meadows (Humanities)

Dr. Sarah Burns (Social Sciences)

Dr. Margo Petukh (Natural Sciences)

Dr. Katherine Hanlon (Pharmacy)

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