



GEORGIA HIGHLANDS COLLEGE THIRD ANNUAL

Academic Showcase

MAY 3, 2024



Program

CARTERSVILLE CAMPUS
GEORGIA HIGHLANDS COLLEGE
MAY 3, 2024

WELCOME

9:00-9:20, Ballroom, Student Center Building B

Judges Meeting, Gymnasium, Student Center Building B

POSTERS & EXHIBITS

9:30-11:30, Gymnasium, Student Center Building B

LUNCHEON & KEYNOTE

11:30-12:30, Ballroom, Student Center Building B

Mrs. Robyn Coggins, Distinguished Alumni Award Winner

AWARDS CEREMONY

12:30-1:00, Ballroom, Student Center Building B

Gymnasium Map on Back



Exhibits

9:30-11:30, GYMNASIUM, STUDENT CENTER BUILDING B

RESEARCH PROPOSAL ON IMPROVING OCEANIC EDUCATION

EXB 1 - Madelynn Ritchey

BUILDING FUTURES THROUGH NEW TEACHING ASSISTANT PROGRAM

EXB 2 - Kayley Shepherd

STUDY OF A HUMAN NEWBORN FROM BIRTH TO TWO MONTHS OF AGE - INNATE REFLEXES AND DEVELOPMENTAL MILESTONES

EXB 3 - Lyzette Schott

LIVES AFFECTED BY TRANSGENDER POLITICS

EXB 4 - Levi Marton

ARE YOU A GOOD LEADER?

EXB 5 - Elizeth Sanchez, Amari White, Brandon Burk, & Jake Brasfield

OEDIPUS TECHS

EXB 6 - Davis Newman, Micah Kunf, Clay Wiesen, Max Eichenberger, & Josh Loudermilk

THE EPIC OF YEESUS

EXB 7 - Blake Eidson, Zachary Adams, Emily Andrews, Julie Cooper, & Gavin Reed

GUESS WHO?

EXB 8 - Imani Graham, Adan Urizar, Ronald Le, & Markethia Leonard

CROCHET BLANKET

EXB 9 - BreAnna White

I'LL BUY PLANTS

EXB 10 - Jordan Poe

STAR WARS: A TEST OF PATIENCE

EXB 11 - Collin Talent

THROUGH THE MAGICAL GARDEN

EXB 12 - Alexis Holliman

UPSIDE-DOWN DOG PORTRAIT

EXB 13 - Najeb Rana

**COLOR COLLAGE OF "VIVA LA VIDA,
WATERMELONS" BY FRIDA KAHLO**

EXB 14 - Jacqueline Palacios

VITILIGO IS BEAUTIFUL

EXB 15 - Jacqueline Palacios

**THE IMAGINATION OF HARLEY
DEXTER**

EXB 16 - Harley Dexter

MY JEWEL

EXB 17 - Lea Richardson

BABY FROST

EXB 18 - Deborah Desil

MOM

EXB 19 - Deborah Desil

NOTRE DAME

EXB 20 - Deborah Desil

LIFE'S A HURRICANE. BE A TREE.

FAC EXB 21 - Chelsea Carver





Student Posters

9:30-11:30, GYMNASIUM, STUDENT CENTER BUILDING B

ATRIUM HEALTH FLOYD SCHOOL OF HEALTH SCIENCES

The Psychological and Physiological Effects of Stress, Burnout, and Post-Traumatic Stress Disorder and Practices to Incorporate to Achieve Psychological and Emotional Resiliency in Healthcare Workers

HSCI 1 - Kelsey Dunham

Why CGMs are becoming the New Standard of Care in Glucose Monitoring

HSCI 3 - Elisabeth Boyd

Management throughout the Progression of Kidney Disease

HSCI 4 - Susan Reagan

Rising Cost of the Olympic Games

HSCI 2 - Reagan Manning

Shoulder Dystocia

HSCI 5 - De'Nisha Durham

SCHOOL OF BUSINESS & PROFESSIONAL STUDIES

A Business Plan for a Theoretical Beauty Project

BUS 1 - Catherine Solis Reyes

Matting Company Ticketing System

BUS 3 - Kenneth Parrott, Brandon Honore, & Yanira Molina

Does Gender play a Role in Student Preference for Cats or Dogs?

BUS 2 - Emely Cruz

Simplifying Our Online Clothing Store Operations

BUS 4 - Fernando Cordova, Tristen Sprayberry, Stewart Cates, & Ethan Saunders

SCHOOL OF STEM

Liebig's Law

STEM 1 - Hannah Rutledge

America's Red Wolf Population

STEM 5 - Ansley Shelton

Antibiotic Resistance of Staphylococcus

STEM 2 - Courtney Fricks

The Power of Plants

STEM 6 - Alexis Rogers

GHC Digital Herbarium

STEM 3 - Ariana Mraz

The Nonbinary Nature of Sex & Gender: New Perspectives from Biology and Genetics

STEM 7 - Tammy Tapp

Exploring Salamander Community Diversity in GA Streams through DNA Barcoding

STEM 4 - Allison Vessell

SCHOOL OF SOCIAL SCIENCES & EDUCATION

Becoming an Attorney: The Hidden Red-Lining Between Law and Impoverished Students

SSE 1 - Lauren Thomas

Your Country Needs You! The National Decline in the Skilled Labor Workforce

SSE 2 - Cara Montes

SCHOOL OF HUMANITIES

Through the Surrealist Lens: Art and Mental Health

HUM 1 - Julianna Lynch

Three Taverns Church Daycare App

HUM 13 - Charity Warari

Computer Science

HUM 27 - Elyjah French, Alex Chappuis, Lynn LaFore, & Christopher Akinyemi

Drought and the Scarcity of Water

HUM 2 - Zachariah Routledge

Apache Mills Parking Lot

HUM 14 - Cherlyn Morales

Education

HUM 28 - Brettlyn Neal, Ethan Umbarger, Brandi McNeil, & Taylor Silverio

Sustainable Solutions to Environmental Issues in Literature

HUM 3 - Madison Buckles

Ingles Paging System

HUM 15 - Jenna Cox

General Business

HUM 29 - Skylar Ware, Roselyn Perez, Skyla Phillips, & Ashleigh Ray

Life in Ecuador

HUM 4 - Isaac Carroll

Home Depot Equipment Management

HUM 16 - Jacob Haynes

Business

HUM 30 - Isaac Collier, Brandon Pearson, Zachary Eckert, & Michael Strickland

Nicaragua's Attractions

HUM 5 - Ana Reynoso

Intrinsic Scholars Academy Cleaning

HUM 17 - Trinity Hamilton

Brand Worship Satire

HUM 6 - Daniel Lingerfelt, Trey Samples, Nahum Trenti, & Jensen Parton

New Card Reader

HUM 18 - Abigail Watson

Engineering

HUM 31 - Victor Lopez, Colin Nelson, Olivia Hoffman, & Sam Hutchins

Get Rich Quick

HUM 7 - Ryan Hersker, Jaxiry Betancourt, Olivia Kennedy, Samuel Dan-Ayegunle, & Cameron Smith

Boston Scientific Employee Convenience

HUM 19 - Mariam Yusuf

Criminal Justice

HUM 32 - Alexandria Anderson, Lila Townsend, Ashlyn Dowdy, & Savannah Briggs

Southern Gothic

HUM 8 - Lizbeth Arreola, Tiffany Russell, & Joseph Bush

Thompson Hotel LAZ Parking

HUM 20 - Will Andres

Becoming a Dental Hygienist in Guatemala

HUM 33 - Hayley Jovellanos

Harlem Renaissance

HUM 9 - Jessica Ryan, Will Cawthon, & Sidney Portugal

Hamilton Park Cardreader

HUM 21 - Rajneet Kaur

Colombia Bell Café

HUM 34 - Destiny Bell

Beat Generation

HUM 10 - Katie Landt & Katelin Jackson

Training Practices

HUM 22 - William Holmes

Opening a Restaurant in La Paz, Bolivia

HUM 35 - Angel Valle Martinez

Stream of Consciousness

HUM 11 - Miguel Santiago, India Banks, & James Carson

Etowah Control Systems Bandsaw

HUM 23 - Adam Pierce

Starting a Construction Company in Mexico

HUM 36 - Gavin Reed

Golf Barrier Netting

HUM 12 - Andruw Shorts

Texas Roadhouse Waiting Room

HUM 24 - Samuel Ford

The Varsity Waste Reduction

HUM 25 - Christian Vital-Herne

Flying High in Costa Rica! Helicopter Tours

HUM 37 - Patrick Lowe

Panera Drive Thru

HUM 26 - Mary Martinez



Faculty Posters

9:30-11:30, GYMNASIUM, ACADEMIC BUILDING B

Online Education Resource: How to Author Amazing Resources

FAC 1 - Paula Stover
& Debbie Amason

Implementing an AI Tutoring System for Enhanced Learning and Student Success

FAC 8 - Ericka Walczak

Cultural Intelligence in Nursing Education: Are We There Yet?

FAC 2 - Lourdes Webster

Teaching Critical Thinking in Survey History Courses

FAC 9 - Jayme Feagin



Promoting Psychological Safety in Nursing Learning Environments: A Discussion of Facilitators and Barriers

FAC 3 - Lourdes Webster,
Patricia Cooper & Babette Barber

The Defense of French in Flanders: Lessons for the Contemporary World and the Classroom

FAC 10 - David Hensley

Building an Evidenced-Based Practice Competent Student

FAC 4 - Shea Walker
& Marta Sanderson

Addressing the Crisis: Exploring the Causes and Solutions to the Teacher Shortage Dilemma

FAC 11 - Deb Stephens

The Effect of Artificial Intelligence on Nursing Practice and Education

FAC 5 - Shea Walker

Geoscience Education Research Project CURE - Is it an effective learning tool?

FAC 12 - Billy Morris



Citing Sources & Cracking Concepts: Students Put AI to the Test

FAC 6 - Betsy Fleming
& Ryan O'Connor

Baby Molecules: Exploration of a Unifying Example in CHEM 1211

FAC 13 - Justin Polizzi

Faculty Strategies for Dealing with AI

FAC 7 - Rachel Wall,
Randy Green, & Mary Wilson

Accuracy of VO² Max Estimates from the Garmin Forerunner 265

FAC 14 - Jonathan Howard

11:30-12:30, BALLROOM, ACADEMIC BUILDING B

Keynote: Mrs. Robyn Coggins



Mrs. Robyn Coggins is an English Teacher at Etowah High School in Cherokee County, GA. Alongside her role as a teacher, Mrs. Coggins serves as a Faculty Advisor to Etowah High School's chapter of the National English Honors Society (NEHS). She is also an active member of the National Council of Teachers of English (NCTE) and the Georgia Council of Teachers of English (GCTE). She has bachelor's and master's degrees in Secondary English Education from Kennesaw State University and an associate degree in English from Georgia Highlands College. As an avid learner and firm believer in the power of literacy, Mrs. Coggins dedicates her career to ensuring the growth, achievement, and success of all of her students. As originally stated by Malala Yousafzi, "Let us remember; one book, one pen, one child, and one teacher can change the world."

Academic Showcase Committee Members

Debbie Amason
Mahirah Baker
Josie Baudier
Adam Bowman
Sarah Bradfield
Sam Donato
Julius Fleschner
Sidnie Fouraker
Tamatha Hargett
Jaimee Hulsey
Leslie Johnson
Julie Kozee
Layla Laltrello
Michelle Lockett Lewis
Jessica Osborne
Brittany Ozmore
Clifton Puckett
Emily Ransom
Brandy Rogers
Rachel Rupprecht
Christina Talley
Rachel Wall
Karen Yerkes

Special Thanks

to all the volunteers who helped
make this event a success.

Gymnasium Posters & Exhibits Map

Faculty 6-14
STEM 1-7 | Faculty 1-5

Exhibits 13-21
Exhibits 1-12

Health Sciences 1-5 | Business 1-4 | Social Sciences 1-2
Humanities 25-37

Humanities 13-24
Humanities 1-12



Judges Table



Swag Table

Gym Entrance