


5-2017

Scholars Day Program of Events 2017

Carl Goodson Honors Program
Ouachita Baptist University

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SCHOLARS DAY

2017

PROGRAM OF EVENTS

SCHOLARS DAY

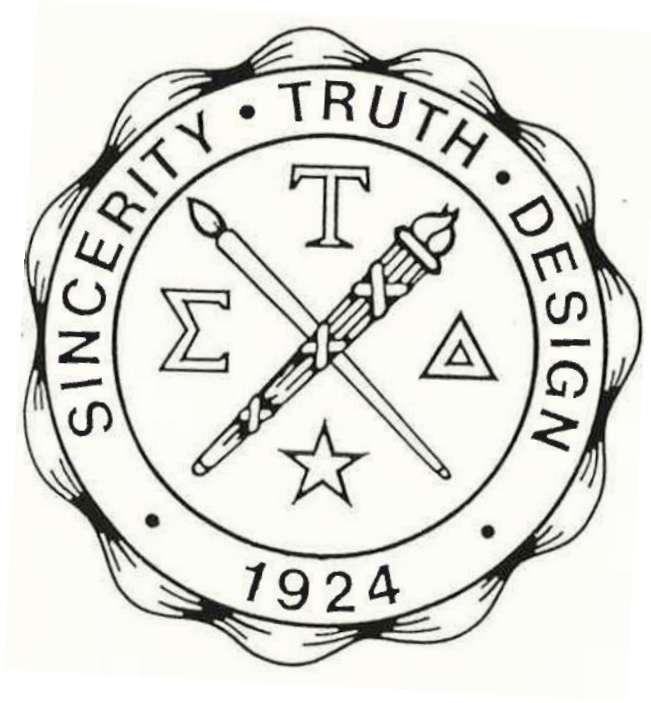
April 26, 2017



PROGRAM OF EVENTS

THE CARL GOODSON HONORS PROGRAM
WELCOMES YOU TO SCHOLARS DAY

THANK YOU FOR SUPPORTING THE HARD WORK
OF OUACHITA'S SCHOLARS



Sigma Tau Delta Presents

SCOPE

Ouachita's Literary Magazine

Pick up a copy in
Walker Conference Center or Evans Student Center

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Alpha Chi Inductions

Come to the purple tent on the lawn in the middle of campus to celebrate the initiation of our students into one of the nation's top honor societies for all academic disciplines.

1:00-1:30

Poster Presentations

Group A

Walker Conference Center B

1:45-3:00

1. Abbey Little

A Comparison of Government Influence in South America and Southeast Asia

2. Alicia Hamilton

Using Light to Kill Cancer-Development of Novel Photodynamic Therapy Agent

3. Christian Anderson

The Effects of Additional CO₂ on Arabidopsis Plants in Hypobaric Chambers

4. Cliff Prather

Influence of Nutrient Limitation on Antibiotic Production

5. Colt Thompson

Error-Prone Polymerase Chain Reactions

6. Conley Harrison, Kayla Payne

The Use of Fish as Water Quality Indicators in Three Clark County Arkansas Streams

- 7. Dillon Luterek**
Antibiotic Producing Bacteria from Texas Soils
- 8. Emily Cooper**
Volunteerism in Christians
- 9. Erin Harrington**
Gender vs. Reading the Bible
- 10. Erin Lundy**
Inhibition of PARP in Rhabdomyosarcoma and Osteosarcoma cells
- 11. Haley Bates**
Campus Spiritual Life Among Different Races
- 12. Jonathan Askins, Addison Bostian, Matt Burnham, Sarah Vickers, Aitor Breton, Kinnon Dodson**
Can't DOGEM all; Finding Riverrat
- 13. Justin McGee, Brittany Backus, Kayla Haberman, Harrison Ballard, Sam Eddington, Noah Nalley**
RiverRat: Phinding its Phamily
- 14. Katie King**
The Effect of Bacteriophages on *Bacillus thuringiensis* Biofilm

15. Kaytlin Mackie

Lettuce Seed Germination Toxicity Assay

16. Kelsey Norton

Gender, Age, and the Image of God

17. Lizzy Adams

Identification, Resistance Spectrum, and Ecological Interactions of a Tetracycline-Resistant Soil Bacterium

18. Luke Jamison

Spirulina As a Viable Food Source

19. Mikala Butler

Small Group Effect on Spiritual Development

20. Mitchell Richards

Possible Breast Cancer Photodynamic Therapy Agents: H₂TPP-A₄OH and H₂TPP-A₆OH

21. Nicholas Kowalkowski

The Effect of Glutamine and gamma-Glutamylglutamine on NIH-3T3 Cell Transformation

22. Rachel Bacon

Exosomes: Small Vesicles with Vast Application

23. Rachel Bruton

Campus Spiritual Growth Versus Spiritual
Involvement

24. Richard Resnick

What is Addition

25. Spencer Ewing

Religious Views in Different Academic Schools

26. Kendra Caddell

Student Perception of Police

Group B
Walker Conference Center B
3:15-4:30

- 1. Abigail Mills**
Sensory Evaluation of Pumpkin Bread to Evaluate the Effects of Fat Substitute on Overall Quality

- 2. Alex Bradley**
Analysis of Childhood Obesity Prevention Programs and Assessment of Children's BMIs, BMI-for-Age Percentiles and BMI z-scores

- 3. Arden Hall**
Explaining the Best and Worst Strategies for the Board Game of Sequence

- 4. Brittany Beaver, Sydney Allen, Ashley Thurman**
What Would You Do?: Mental Illness Stigma in the Hiring Process

- 5. Camden Dwelle**
Effect of Cannabinoid treatment on CD99 Expression in Ewing Sarcoma Cells

- 6. Camryn Ruggeri**
Optimum Lighting for Oxygen Production of *Arthrospira platensis*

- 7. Elizabeth Fast**
Sensory Evaluation of Cornbread to Evaluate the Effects of Egg Substitutes on Overall Quality
- 8. Emily Alderson**
The Mathematics Behind Origami
- 9. Grace Howell**
Political Orientation vs. The Bible
- 10. Hayden Thornton**
Probability and the US Open Tennis Draw
- 11. Hayley Knight, Valeria Torres, Shamonica Brown**
Guess Who? Predicting Personalities
- 12. Jonathan Askins, Addison Bostian, Matt Burnham, Sarah Vickers, Aitor Breton, Kinnon Dodson**
Can't DOGEM all; Finding Riverrat
- 13. Justin McGee, Brittany Backus, Kayla Haberman, Harrison Ballard, Sam Eddington, Noah Nalley**
RiverRat: Phinding its Phamily
- 14. James Moore**
Sensory Evaluation of Chocolate Chip Cookies Prepared with Sugar Substitutes

- 15. John Clay, Amy Arego**
The Impact of Controversial Information
- 16. Kat Flint, Mariah Willis**
Do Pheromones Affect Our Attraction?
- 17. Kathryn Barfield**
Ajulemic Acid Modulates Caspace-9 Enzymatic Potential in Ewing's Sarcoma
- 18. Kaylie Roberts**
Analyzing Jump Test Results Between Non-ACL Tear Individuals and ACL Tear Individuals
- 19. Laura Prince, Alex Bradley**
Assessment of Body Mass Indices of Children Participating in a Nutrition and Physical Activity Program
- 20. Mari Bednar**
Sensory Evaluation of Strawberry Cake to Evaluate the Effects of Egg Substitutes on Overall Quality
- 21. Natalie Hampel, Julie Feimster**
shRNA Transfection Knockout of WT1 in A673 Ewing's Sarcoma Cells
- 22. Rachel Dilatush, Kamy Martin**
Male and Female Influence on Opinions About Equality

23. Ryan Trayner

Growing Plants at a Lower O₂ Pressure with Aide of CO₂

24. Samantha Burgess

Evangelism: Beliefs and Practices among Christian Students

25. Sarah-Ashley Bryant, Lindahl Freeze, Charity Curlin

Do Christians Really Love Their Neighbors?

26. Taylor Parsons, Baylee Overstreet, Nathan Smith, Sydney Santifer

Effects of Self-Esteem on Empathy

27. Gail Lange-Smith

Sensory evaluation of no-bake cookies to evaluate the effect of sugar substitutes on overall quality.

Recital

W. Francis Macbeth Recital Hall

Hannah Saunders, Moderator

2:00

The Color Purple

I'm Here

Stephen Bray, Brenda Russell,

Allee Willis

Kayla Walker, Mezzo-belter, Senior

Phyllis Walker, Piano

La Cathédrale Engloutie

Claude Debussy

Isabel Dodds, Piano, Sophomore

Don Giovanni

Wolfgang Amadeus Mozart

Madamina, il catalogo é questo

Micah JL Brooks, Bass-baritone, Sophomore

Kristen LaMadrid, Piano

36 Transcendent Studies

No. 2 - Style

Theo Charlier

Blake Turner, Trumpet, Junior

O Polichinello

Heitor Villa-Lobos

Zhanxiu Lu, Piano, Junior

Four Dickinson Songs

Lori Laitman

If I . . .

Emily Weeden, Soprano, Senior

Phyllis Walker, Piano

Improvisation no.1

Enrique Crespo

Jason Potts, Trombone, Senior

Prelude Op. 23 no. 4 in D major

Sergei Rachmaninoff

Caroline Dunlap, Piano, Senior

Two Plus One

Ivan Trevino

Brandon Lovelady and Van O'Rorke

Percussion, Seniors

Theatre Arts Showcase

Verser Theatre

Mr. Drew Hampton, Moderator

3:00

Performances from the KC-ACTF Irene Ryan Acting Scholarship competition:

Michael Pere (nominee) **and Kenzie Osborn**

Selections from:

-*The Imaginary Cuckold* by Molière, translated by
Richard Wilbur

-*Two Rooms* by Lee Blessing

-*The Santaland Diaries* by David Sedaris, adapted
by Joe Mantello

Anna Joie Valdez (Irene Ryan nominee) **and
Bret Sanders**

Selections from:

-*The Comedy of Errors* by William Shakespeare

-*And Miss Reardon Drinks A Little*
by Paul Zindel

-*King Richard II* by William Shakespeare

Showcases of Honors Directed Studies:

Allison Austin – “Trashion: The Art of Recyclable
Costuming”

Lauren Terry – “Analyzing Color Theory and How It’s
Implemented in Design”

Art Exhibit Presentations

Rosemary Adams and Hammons Galleries

Hammons Gallery - **Juried Student Competition**
Sponsored by the OBU Art Club

Rosemary Adams Gallery – 1st Floor: **Janet Whytock**
Home
Gallery Talk at 2:00 p.m.

Honors Theses

Group A

Walker Conference Center A

Alex Gianelloni, Moderator

- 1:30 Mack McGehee**
The Exoneration of Job: A Discussion of the Joban and Yahwistic Speeches
- 2:00 Libby Hilliard**
On the Verbless or Nominal Clause in Biblical Hebrew
- 2:45 Collin Battaglia**
Exploring Paul as the Anti-Jonah in Acts
- 3:30 Michael Calhoun**
Averting a New Nuclear Arms Race
- 4:00 Robert DeSoto**
Sustaining O-gah-pah: An Analysis of Quapaw Language Loss and Preservation
- 4:30 Kimberley Attaway**
The Kodály Method and the Levels of Biblical Learning: Teaching Theology and Hymns to Children

Group B
Walker Conference Center C
Victoria Lackey, Moderator

- 2:00 Hamilton Johnson**
Stacking Atomically Thin Materials
- 2:30 Emily Alderson**
Elliptic Curve Cryptography and Quantum Computing
- 3:00 Logan Bond**
Procedural Generation: An Algorithmic Analysis of Video Game Design
- 3:30 Drake Puryear**
What's the Right Diet for Your Type?
- 4:00 Sammie Pascoe**
Hispanics and the Medical Community in the U.S.
- 4:30 Jodie Webb**
Drawing up Some Ideas to Strategically Teach Struggling Readers

Honors Theses and Sundance

Young Auditorium

Mattie Alexander, Moderator

1:30 OBU at Sundance Panel One: Creating and Cultivating

2:00 OBU at Sundance Panel Two: Exploring *Manchester by the Sea*

Sundance Panels include:

Mattie Alexander, Will Blase, Jen Bray, Duel Cunningham, Katie Kemp, Morgan Reynolds, Dillon Thomas, Nate Wallace, Hannah Wright

2:30 Evan Wheatley
Finding Christ in Cinema: Examining Secular Film Theologically

3:00 Hannah Wright
A Novel Take on Writing

3:30 Joanna Horton

Hyperconnectivity, Transhumanism, and Chesterton's
"Want of Wonder"

4:00 Caroline Dunlap

Emotion in Music: An Investigation of Music's
Emotive Power

Presentations

Hickingbotham Hall 200

Keeley Johnson, Moderator

1:30 Abigail Brizuela, Titus Brooks, Ian Craft, Chris Hegwood, David Lundstrum, Madison Prowell, Mallory Tabler

The Enactus Presentation

2:00 Dillon Farrell, Staci Gore, Samantha Griffin, Kelsey Harris, Caleb Terry

Eddie and Phyllis Ary Fund Management Team:
And Investment Portfolio Managed by The
Hickingbotham School of Business

2:30 Julia Williams

Factors on Enlistment Rates

2:45 Cole Jester

Factors Affecting Standardized Test Scores in
Arkansas's Forty Largest Schools

McClellan Hall 205
Kristina Beall, Moderator

- 1:30 Krystal Parker**
The “I Am” of Young Adult Literature
- 1:45 Ashly Stracener**
Lights, Camera, Novel
- 2:00 Emily Bradley**
Three Shades of Snow White: Sociocultural
Implications of Tone in the Grimm, Disney, and
Sexton Retellings
- 2:15 Ransey Joiner**
Tenrikyo: Japanese Tradition
- 2:30 Madeline Rowe**
Feng Shui
- 2:45 Taylor Bascue**
A Survey of the Attempts to Define Hebrew Poetry
- 3:00 Robert DeSoto**
Pride and Prophet: LGBT Perspectives in Islam
- 3:15 Linda Copeland**
The Feminine Paradox

3:30 Emma Riley

In a Perfect World

4:00 Ransey Joiner

An Analysis of Kelly McGonigal's TED Talk: How to Make Stress Your Friend

4:15 Hope Wakeling

Wordsworth and the Aspects of Romanticism

McClellan Hall 206
Christie Snow, Moderator

- 1:30 Lindsey Swafford**
College Students' Attitudes Towards Individuals with Intellectual Disability
- 2:00 AJ Stambolie**
Relationship Between Meaning-Making and Well-Being Within the Context of Narrative Identity
- 2:15 Mary Grace Hill**
Cross Curriculum Computer Science
- 2:45 Daniel Games**
Analyzing Bacteriophage to Determine Viability as Biological Control Factors
- 3:00 Camryn Ruggeri**
Optimum Lighting for Oxygen Production of *Arthrospira Platensis*
- 3:30 Jace Bradshaw**
Biological Characterization of Mycobacteriophage Promoters and Terminators Identified Through Bioinformatics
- 3:45 Chris Godwin**
Viable Methodology of Part-Time Farming

McClellan Hall 207

Victoria Anderson, Moderator

1:30 Cameron Alexander

Arkansans' View of the Union

1:45 Hannah Bunch

The United Kingdom and the Creation of the Jewish State

2:00 Ethan Edwards

An Analysis of Britain's Use of Nationalism During and After World War I

2:15 Clark Christian Fuel

American Utopias of the 19th and 20th Century

2:30 Andrew Gatlin

Examination of Social Change in Japanese Occupied China

2:45 Shelby Hudson

Queen Elizabeth I Reign and Success

3:00 Carly Yazza

Immigration in Postwar Germany

- 3:15 Cassie Young**
Similarities Between Groups on Irish Home Rule
and Independence
- 3:30 Tristan Benzon**
New Insights Into the Rwandan Genocide
- 3:45 Ben Cockrell**
North Korea and Japan: Reconciliation Through
Bizarre Kidnappings
- 4:15 Kacy Earnest Spears**
Social Justice: Ebola 100 Project and Matrices
Project
- 4:45 Shelby Spears**
Historical Consciousness in Fallout: New Vegas

3D Case Study Presentations

McClellan Hall 100
Jessica Cook, Moderator

Anatomy and Physiology students are using a stereoscopic 3D projection system and software called BodyViz to present real patient data in case study scenarios. Audience members will wear 3D glasses to view the body in ways not possible before while they hear about the diagnosis, prognosis, and treatment plans for patients' scans of represented disease states.

2:00 Jessica Cook and Mallory Mayfield

2:15 Anna Claire Goodroe and Gail Lange-Smith

**2:30 Joey Dean, Cross Bright, Camryn Ruggeri, and
Dillon Wester**

**2:45 Lindsey DeSoto, Brandy Baker, Hannah Brandon,
and Savanna Harris**

**3:00 Mallory Tabler, Emily Mahan, and Taylor
Lymburner**

3:15 Rachel Bacon, Justin McGee and JJ Askins

3:30 Madi Morrison and Cameron Brownlee

**3:45 Katelyn Myers, Rebekah Biles, and Deborah
Mliakoff**

Acknowledgements

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The Faculty Honors Council

The Alpha Tau Honors Society
Leadership and Volunteers

Notes
