


2016

Scholars Day Program of Events 2016

Carl Goodson Honors Program
Ouachita Baptist University

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SCHOLARS DAY

2016

PROGRAM OF EVENTS

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PROGRAM OF EVENTS

THE CARL GODSON 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 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. Morgan Cummins, Julie Nessler

Benthic Macroinvertebrates and Fish as Estimators of Water Quality in Four Clark County, Arkansas Streams

2. Justin Rose

The use of Fish as Biological Indicators of Stream Quality in Three Central Arkansas Streams

3. Catarina Gomes de Figueiredo

Characterization of the Horizontal Confinement Produced by a Glass Box in a Complex Plasma

4. Kesley Brown, Logan Clay, and Joey Dean

Gene Ontology of *Fortunato*

5. Christopher Godwin, Jake Edmondson, Reid Rodgers, Casey Roark

Analysis of Bacteriophage *Fortunato*

6. James Malatesta

Effect of Changing Light Wavelength on the Cultivation of *Selenastrum capricornutum*

7. Kaitlyn Ray

Combined Effects of Light Spectra and Light Intensity on Growth Rate of *Spirulina platensis*

8. Jack Hunley

The Effects of Hypobaric and Carbon Dioxide on *Arabidopsis Thaliana*

9. Caroline Groustra

Growth of *Spirulina* Algae

10. Tori Pierceall

The Potential of Cannabinoids to Improve Patient Outcomes in Recurrent or Resistant Ewing's Sarcoma

11. R.J. Quilao

Elucidating Ajulemic Acid's Effect on Angiogenesis and Tumor Interstitial Fluid Pressure within Ewing's Sarcoma Tumors

12. Katie Brech, Hayden Kirchhoff

Studying the Effects of Cannabinoids on Cell Viability and Migration in Gastric Cancer and Rhabdomyosarcoma

13. Jessica Ashcraft

The Effects of Cannabinoids on Key Regulatory Proteins in Ewing Sarcoma

14. Emily Harris

Assessing the Effectiveness of Commercially Available Cleaning Agents against *Pseudomonas Aeruginosa* Biofilms

15. Josh Rubin, Brett James

Transformation of Spirulina into Ethanol and Biodiesel

16. Paige Snow

Arts Integration in the Classroom

17. Kelsie Adcock, Kelsey Hogue

Adults' Knowledge About Language Developmental Milestones for Children
Between 12-36 Months of Age

18. Lauren Carpenter, Emily Tual

Amazefest Summer 2015: Nutrition Education and Body Mass Index Assessment

19. Emily Tual, Lauren Carpenter

Vast Difference of Obesity in American Children Compared to Children
Worldwide

20. John Givler

Isolation of Soil Bacteria Producing Extended-Spectrum Antimicrobial
Compounds

Group B

Walker Conference Center B

3:15-4:30

1. Shelby Hudson, Andrea Ball, Sarah Sandy, Kaitlyn Thomas

How does Terror Management Affect Female Interest in True Crime?

2. Kanako Yasutake

Satisfaction with Life and Social Investment as Religious People

3. Courtney Gough, Jonathan Dixon, Drew Dodge

The Effects of Stereotypes on Behavior

4. Nathaniel Shrader, Abby Huggins, and Marley Zochert

Physical and Psychological Balancing Act: Is Stability Desirable?

5. Jordan Raglin, Tye Boudra-Bland, and Tristan Benzon

The Role of Gender and Emotions on Moral Hypocrisy

6. Kristina Beall, Mary Daniels

Got God? Does the Reminder of God Increase One's Likelihood of Engaging in Non-Moral Risks?

7. Phoebe O'Connor Law

The Insidious (and Ironic) Effects of Positive Stereotyping

8. Taylor Lockhart, Lindsey Swafford, Alisa Trejo

Mortality Salience: Desire for Offspring and Parenting Styles

9. Andrew John Stambolie, Angella Valencia, Olivia Allbright

Does Gendered Language Have an Effect on You?

10. Kendra Caddell, Devin Ball

Officer Involved Shootings

11. Abby Doshier

Social MEDIA

12. Morgan Allen

Autism

13. Madison White

Religion and Class

14. Mikala Butler

Effectiveness of America Reads and America Counts Programs

15. Lauren Carpenter

Sensory Evaluation of Magic Cookie Bar Supplemented with Folic Acid

16. Alex Bradley

Sensory Evaluation of Coffee Cake Prepared with Gluten-Free Flours

17. Laura Prince

Sensory Evaluation of Coconut Custard Pie Prepared with Buttermilk Substitutes

18. Gary Fortney

Sensory Evaluation of Protein Pancakes with Vanilla Extract

19. Jacob Moreno

Sensory Evaluation of Banana Nut Bread

20. Logan Bond

Computational Investigations of Enantiospecificity of Mutated CYP2C9

21. Rebekah Davis

Understanding the Mechanism of Cannabinoids on Vasculature in Ewing Sarcoma

22. Maci Lewis, Kaitlyn Ray

Treating Retinoblastoma and Melanoma with Cannabinoids

23. Candee Jo Bloxom

Adoption: Who Tends to Adopt?

24. Morgan Brothers, Beth Anne Caery, Gracen Kelly

Dyslexia & the Educator

Recital

W. Francis McBeth Recital Hall

Seth Daniell, Moderator

2:00

Urban Cowboy

Jason Robert Brown

It Don't Get Better Than This

Will Stotts, Tenor, Sophomore

Phyllis Walker, Piano

Piano Sonata in C Minor, Op.13 "Pathetique"

Ludwig van Beethoven

Rondo

Zhanxiu Lu, Piano, Sophomore

Fantasiestücke

Niels Wilhelm Gade

Allegro vivace

Ashley Lovely, Clarinet, Sophomore

Allyson West, Piano

9 to 5

Dolly Parton

Get Out and Stay Out

Hannah Hines, Soprano Belter, Sophomore

Phyllis Walker, Piano

Sonata for Horn

Bernhard Heiden

I. Allegro

Seth Daniell, Horn, Sophomore

Allyson West, Piano

Four Sketches Op. 15

Amy Beach

Dreaming

Joanna Horton, Piano, Junior

Concerto for Trombone and Piano

Lanny Gröndahl

I. Moderato assai ma molto maestoso

Jason Potts, Trombone, Junior

Susan Monroe, Piano

Der Freischütz

Carl Maria von Weber

Und ob die Wolke sie verhülle

Elizabeth Crisler, Soprano, Junior

Allyson West, Piano

Rêverie

Claude Debussy

Lauren Johnson, Piano, Senior

Jekyll and Hyde

Frank Wildhorn

In His Eyes

Tara Clem and Bethany Gere, Soprano Belters, Seniors

Susan Monroe, Piano

Theatre Scenes

Verser Theatre

Morgan Howard, Moderator

3:30

*These scenes were performed for the Irene Ryans and Musical Theatre Intensive at
Kennedy Center and American College Theatre Festival*

MUSICAL NUMBERS

The Last Five Years

Jason Robert Brown

“If I Didn’t Believe in You”

Hunter Mackenzie Brown

Ragtime

Stephen Flaherty and Lynn Ahrens

“Back to Before”

Esther Atkinson

Parade

Jason Robert Brown and Alfred Uhry

“You Don’t Know This Man”

Hailey Weiner

ACTING SCENES

Angels in America

Tony Kushner

Speech and Debate

Stephen Karam

Hamlet

William Shakespeare

Kathleen Suit

Walter Dodd

Measure for Measure

William Shakespeare

The Importance of Being Earnest

Oscar Wilde

Katie and Frank

Theresa Rebeck

A.J. Valdez

Tyler Lewis

Wonder of the World

Isn't it Romantic

David Lindsay-Abairre

Wendy Wasserstein

Mattie Bogoslavsky

Stacy Hawking

Almost Maine

John Cariani

The Shape of Things

Neil LaBute

Othello

William Shakespeare

Hailey Weiner

Hunter Mackenzie Brown

Art Exhibits

Rosemary Adams Second Floor and Hammons Galleries

Hammons Gallery: Abigail Fowler

Rosemary Adams Gallery – 2nd Floor: Lauren Scarbrough and Perri Adcock

Honors Theses

Group A

Walker Conference Center A

Keeley Johnson, Moderator

1:30 Heidi Hughes & John Givler

Posters on the Hill

2:00 Heidi Hughes

Discovering New Antibiotics: Bacterial Extracts Separated by Thin-Layer Chromatography Inhibit the Growth of Staphylococcus

2:30 Kathleen Suit

Physical Comedy: From Stage to Screen

3:00 Jessica Hargis

Creating Color: Unearthing the Chemistry of Ceramic Glazes

3:30 Jean Eudes Benecyo

Simultaneous Determination of Bisphenol A and Bisphenol S in 1:1 Methanol: Water Samples Using UV/VIS Spectrophotometry and High Pressure Liquid Chromatography

4:00 Tori Bateman

Joik as a Golden Thread of Sami Cultural Revitalization

4:30 Erin Cheshire

Bridging the Gap: A Study of Notational Similarities Across Time

Group B
Walker Conference Center C
Joanna Horton, Moderator

- 1:30 Adam Jones**
The Blessings of Being God's People: Election in the Book of Isaiah
- 2:00 Leslie Colbert**
A Study on the Social Perceptions of Speech
- 2:30 Annie McMurray**
Sex Trafficking: A Cumulative Study
- 3:00 Sara Cat Williams**
Making Myer's Clear
- 3:30 Elizabeth Peevy**
Life is Suffering: Buddhism as a Potential Obstacle to Crisis and Trauma Intervention
- 4:00 Kaitlyn Clark**
Mind the Gap: Examining the gap between the U.S. education system and the top education systems in the world
- 4:30 Lana Rose**
Sealing Practices: Impressions of the Past and Their Contemporary Significance

Presentations

McClellan Hall 206

Sammie Pascoe, Moderator

1:30-4:15

1:30 Michiko Griffin

Princess Mononoke: A Shinto Perspective on Humanity's Problem, Sacred Space, Purity, and Nationalism

1:45 Noah Bowman

Na Heiau: Ancient Temples of Hawaii

2:00 Morgan Howard

What Becomes of the Grimm Princess During Our Wars?

2:15 Krystal Parker

Understanding of the Female in Orthodox Judaism

2:30 Ashley Sharpe

Women in Hinduism

2:45 Michael Calhoun

Pacifism: Virtuous or Vicious?

3:00 Collin Battaglia

Paul as an Anti-Jonah in Acts

3:15 Kaylee Harper

Catullus and the Sparrow

3:30 Libby Hilliard

The Art of Inquiry: How to Ask Better Questions

4:00 Annie McMurray

Gender Language in Reference to God in the Hymns of Brian Wren

4:30 Griffin Peeples

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

Presentations

McClellan Hall 205

Elizabeth Fast, Moderator

1:30-4:15

1:30 Allie Hegi

Synthesis, Characterization, and Cytotoxicity of a Series of Novel Water-Soluble Porphyrins

1:45 Jessica Hargis

Synthesis, Characterization, and Cytotoxicity of a Novel Water-Soluble Porphyrin

2:00 Rachel Tucker

Synthesis and Phototoxicity of a Novel Water-Soluble Porphyrin-Chalcone Complex

2:15 Jessica Compton

Treatment of a Triple Negative Breast Cancer Cells with Photodynamic Therapy using a Novel Water- Soluble Porphyrin

2:30 Harrison Daniel

Analyzing the Effects of Gestational Exposure to Trichloroethylene on the Development of Autoimmune Disease

2:45 Trevor Meece

The Effects of Residue Mutations on the Enantiospecificity of CYP2C9

3:00 Nathan Hall

The Effects of Chronic Oral Nicotine Exposure on Nicotine Metabolism in Female Rats

3:15 Aaron Woodall, Matt Savage, Morgan Lynch, and Mary Beth Jones

Identifying Promoters and Terminators in the Mycobacteriophage “Fortuato”

3:30 Nathan Hill, Kaitlyn Thomason, and Danielle Schaal

A Search for Repetitive Element

3:45 Ethan Edwards

The Effects of Divorce and Serial Cohabitation on Children and how Teachers can Help

4:00 Sydney Heslep

Analysis of PARP1 Interactions with Cannabinoids

4:15 John Givler

Isolation of Soil Bacteria Producing Extended-Spectrum Antimicrobial Compounds

Presentations

McClellan Hall 207

Alex Gianelloni, Moderator

1:30-4:15

1:30 Olivia Allbright, AJ Stambolie, Angella Valencia

The Effect of Household Division of Labor on Marital Satisfaction: A Meta-Analytic Review

1:45 Ben Lange-Smith

Meta-Analysis of the Effects of Negative Affects and Food Consumption

2:00 David Wray

Psychopathy and Treatment: A Meta-Analysis of the Recidivism of Psychopaths after Treatment

2:15 Tristan Benzou

Children of Rwanda

2:30 Bobby Keller

Exercise for Depression

2:45 Kristina Beall

A Meta-Analysis: Does one's Implicit Theories of Intelligence Correlate with Their Learning Motivation Goals?

3:00 Stoni Butler

A Meta-Analysis of Behavioral Interventions to Improve Social Skills in Children with Autism Spectrum Disorder

3:15 Robert DeSoto

Trump Nation

3:30 Hannah Wright

Find Me: Voice in Fiction

3:45 Shelby Spears

Fun with Dick and Jane (and Liminality)

4:00 Ben Blankenship

The Four Loves

Presentations

Young Auditorium

Mary Grace Hill, Moderator

1:30- 4:00

1:30 Creating and Cultivating

OBU at Sundance Presentations

2:00 “Winter’s Bone”: A Symposium

OBU at Sundance Presentations

2:30 Extreme Nationalism as a Catalyst for Genocide

Benjamin Cockrell

3:00 Biblical Wisdom: Revering Yahweh in the Enigmatic and Explicable

Mack McGehee

3:30 Music of the Lost Tribe: Jewish and Christian Musical Influence in Ethiopia

Leslie Colbert, Evan Wheatley, Aaron Breeding

4:00 Enactus: Vision, Integrity, Service

Meredith Ellis, Josh Reaper, Ian Craft, Emily Long, and Chris Hegwood

4:30 Flannery O’Connor

Duel Cunningham, Grace Steiner, Abby Richett, Aaron East

3D Case Studies

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 - Alyson Cole and Julie Feimster

2:15 - Abigail Mills and Alicia Hamilton

2:30 - Rachel Dilatush and Jessica McCauley

2:45 - Kelsey Bradley, Emily Acuna, and Alex Jennings

3:00 - Kaylie Roberts and Kaitlyn Thomas

3:15 - Olivia Freeman and Jordan Philson

3:30 - Aaron Woodall, Mary Beth Jones, Casey Roark, and Jake Edmondson

3:45 - Nick Hayes, Tyler Gahr, and Riley Wilson

4:00 - Matt Savage, Sykes Martin, Morgan Lynch, and Kesley Brown

4:15 - Erin Lundy and Mari Bednar

4:30 - Kori Bullard and Tori Lackey

Acknowledgements

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The Faculty Honors Council

The Alpha Tau Honors Society
Leadership and Volunteers