


2012

Scholars Day Program of Events 2012

Carl Goodson Honors Program
Ouachita Baptist University

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SCHOLARSDAY

2012

Presented by the Carl Goodson Honors Program



Program of Events

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Alpha Chi Induction

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

1:00-1:20pm

Science Posters

Group A
McClellan Hall 100

1:30-2:15pm

1. **Ashlee Sharp, Alex Taylor, Landon Moore:** "Commit to Be Fit: School systems' efforts to help special needs children maintain healthy lifestyles"
2. **Justin Kirst, Alex Poole, Cory Matlock, Augustine Ume-Ezoke:** "Throwing and Catching with Disabilities"
3. **Meg Coffman:** "Constitutive expression of an insect glucose-oxidase gene conveys resistance to abiotic stress"
4. **Ruth Plymale:** "Tigers on a Phage Hunt"
5. **Lindsey Hackett:** "Solid-matrix fluorescence of bisphenol-A in glucose glasses"
6. **Andrew Russell, Gillis Jones:** "The Effects of Heat/Cryotherapy on Delayed Onset Muscle Soreness"
7. **Alex Lomax:** "The Effects of Ajulemic Acid on the Pediatric Cancer Neuroblastoma"
8. **Chris Chandler:** "Beta-Catenin Modulated Effects on Hepatocellular Carcinomas"
9. **Jennifer Coon:** "Sensory Evaluation Blueberry Muffins Using Fat Substitutes"
10. **Wendy Vick:** "The Effect of Light and Low Atmospheric Pressure on Bean Plants"
11. **Jed Allen, Addison McCarver:** "Utilizing Synthetic Biology to Manipulate and Analyze the LacI Promoter Gene in E. Coli"
12. **J. T. Goodrum:** "Finding the Lethal Median Dose of Ajulemic Acid on ES-4 Ewing's Sarcoma Cells"

13. **J. L. West:** "How Different Lights Affect Arabidopsis thaliana growth"
14. **Elizabeth Burke:** "The Effects of Phototropic and Gravitropic Environments on Arabidopsis thaliana"
15. **Courtney Puddephatt, Alex Lomax, J. T. Goodrum:** "Effect of Ajulemic Acid on ES2, a Ewing's Sarcoma Cell Line"
16. **Nick Holtgrieve, Domino Miller:** "Glenohumeral Internal Rotation Deficit"
17. **Kelly Johnson, Cassie Wheeler:** "The Effects of Understaffing of Athletic Trainers in the Great American Conference"
18. **Jordan Neal:** "Eisenstein Triples"
19. **Kristen James, Earl Waddell, Bradley Mitchell, Garrett Sykes:** "Public's Opinion of Adults with Intellectual and Physical Disabilities on Equal Opportunities"
20. **Annelise Henley:** "Judgment of Liars based on the Understood Significance of the Lie"
21. **Jacob Tinklenberg:** "The Effects of Music Preference on Likability"
22. **Lindsay Henderson:** "Assertiveness and BMI"
23. **Jenny Cheek:** "Magic and Distraction"
24. **Brittany Davidson:** "Sensory Evaluation of Sugar Cookies Prepared with Sugar Substitutes"

Group B
McClellan Hall 100

2:30-3:15pm

1. **Becca Rutherford:** "The Effects of School Background and Social Interaction on Student Academic Achievement"
2. **Cody Myers:** "Morality and Guilt"
3. **John Gomez:** "Establishing a Diphtheria Toxin-Inducible Mouse Model for the Study of Podocyte Regeneration After Injury"
4. **Sam Meador:** "Effects of Music on Mood"
5. **Tuesday Freeman:** "Effect of Source on Agreement with Parenting Practices"
6. **Cory Godbolt, Joseph Watson, Taurus Williams:** "The Relationship of Injuries Due to Their Mental State and Preparation"
7. **Taylor Koller:** "The Relationship Between Stress and Mood, and Its Effect on Eating"
8. **Logan Distefano, Dawson Pritchard, Marcus Schlesinger, Carl Thomas:** "Improving Swimming Skills in Adults"
9. **Franklin Featherston, Austin Evans, Austin Mitchell, Nigel Ramsey:** "Team BeFit"
10. **Andrea Hughes, Ashley Ray, Blake Dorsey:** "Health Related Fitness in College Age Students"
11. **Callie Yeager:** "Sensory Evaluation of Chocolate Chip Banana Nut Bread Prepared by Substituting Wheat Flour with Varying Amounts of Whole Wheat Flour"
12. **Lauren Whaley:** "Sensory Evaluation of Peanut Butter Cookies Prepared with Sugar Substitutes"
13. **Katelyn Mustain:** "Nutrition Education Summer 2011"
14. **Katelyn Smith:** "Sensory Evaluation of Apple Dumplings Prepared with Fat Substitutes"

15. **Lexie Hegi:** "Sensory Evaluation of Powdered Sugar Chocolate Chip Cookies Prepared with Fat Substitutes"
16. **Brittany Hughes:** "Sensory Evaluation of Bread Pudding Prepared with Various Wheat Breads to Increase Fiber"
17. **Miranda Lytle:** "Sensory Evaluation of Oatmeal Chocolate Chip Cookie Bars Prepared by Replacing Sugar and Brown Sugar with Splenda®"
18. **Addison McCarver:** "Measuring the Productivity of Different Shine-Dalgarno Sequences In-vivo"
19. **Max Ford:** "A Study of Hg Levels in Sediment Cores from Arkansas Lakes"
20. **Nicholas Crump, David Pennington:** "The Early Development of Arabidopsis in Blue and Red Light and Low Pressure during Clino-rotation"
21. **Audrey Melson:** "Intervention for College Females Experiencing Knee Pain"
22. **Jessica Fleeman Barksdale:** "Isolation and Quantification of Biofilm-forming Bacteria in Soda Fountain Machines"
23. **Jessica Winston:** "Effects of Ajulemic Acid on Cancer Cells"
24. **Sarah McKimmey, Jasper Harrell, Clayton Case, Jacob Stevens:** "Adapted Physical Education in Texas and Arkansas High Schools"

Group C
McClellan Hall 100

3:30-4:15pm

1. **Adam Curlin, Kiley Wright:** "Pseudokirchneriella subcapitata's media's effect on Daphnia magna"
2. **Sarah Anderson, Johanna Casey, A. J. Williams, Dexter Carter:** "Attitudes Toward Disabilities in Physical Education Study"
3. **Alexandra Patterson:** "Sensory Evaluation of Chocolate Cake Prepared with Flour Substitute"
4. **Dexter Barksdale:** "Expression of an insect glucose-oxidase gene conveys resistance to abiotic stress"
5. **Bailey Nichols:** "Sensory Evaluation of Wheat Bread Prepared with Gluten-Free Flours"
6. **Audra Sargent:** "Effects of Mood on Music Choices"
7. **Jonathan Waddell:** "Attitudes towards ADHD"
8. **Lindsay Henderson:** "Assertiveness and BMI"
9. **Mallory Gross:** "Is There More To a First Impression?"
10. **Kristen Ashburn:** "The Effect of Exposure on Identification"
11. **Kayla Hedin:** "Coping with stress through Art and Writing"
12. **Josh Everett:** "Homesickness as an Immediate Loss of Spatial Relations"
13. **Rachel Spencer:** "Cyberserve"
14. **Brandon Sanders:** "Juggernaut"
15. **Jillian Kaniss:** "The Effect of Mood on Phobic Responses"
16. **Alyssa Thomas:** "The Effects of Social Club Behavior on Perspective"
17. **Hunter Threadgill:** "The Effect of Gender and Type of Interaction on Quality of Relationship"

18. **Samantha Cummins:** "Customized and Non-customized Products and their Perceived Value"
19. **Krista Fauber:** "Negative Stereotypes in Music"
20. **Bradley Stark:** "Mood and Consumer Behavior"
21. **McCrae Jones:** "The Effect of Implementation Intentions on Short-term Goal Accomplishment"
22. **Michael Hirsch:** "Effects of Being Asked BMI on Confidence in Athletic Ability"
23. **Adam Dodd:** "Judging a Suspect's Appearance"
24. **Arthur Johnson:** "Differences in White vs. Black Students' Perceived Accuracy of White-Generated vs. Black-Generated Stereotypes"
25. **Karissa Weygandt:** "An Exploration of Weight Perception Among College Aged Females"
26. **Taylor Bartel, Whitley Berry, Heather Ederington:** "What would you do? The effect moral decisions on decision fatigue"

Recital

W. Francis McBeth Recital Hall,
Mabee Fine Arts Center

2:00pm

Kiley Gamble, Moderator

White Knuckle Stroll
Casey Cangelosi
(b. 1982)

Drew Ervin, Marimba, Freshman

Toccata
Aram Khachaturian
(1903-1978)

Jillian Turner, Piano, Freshman

Soupir
Henri Duparc
(1848-1933)

Joel Rogier, Baritone, Sophomore
Susan Monroe, Piano

Six Elizabethan Songs
Spring
Dominick Argento
(b. 1927)

Meredith Martin, Soprano, Sophomore
Phyllis Walker, Piano

Sonata in e minor, Op. 7
1. Allegro moderato
Edvard Grieg
(1843-1907)

T. J. Bailey, Piano, Sophomore

Erlkönig

Franz Schubert
(1797-1828)

Christian Ichter, Bass, Junior
Susan Monroe, Piano

Henry and Mudge
My Party Dress

Kait Kerrigan and Brian Lowdermilk

Rachel Harris, Soprano, Senior
Phyllis Walker, Piano

Just Friends

John Klenner
(1899-1955)

Michael Curtis, Bass, Junior
Chris Mazen, Piano, Junior
Bret Steed, Trombone, Sophomore
Zach Zucha, Drum Set, Junior

The Garden of Eden

William Bolcom

III. The Serpent's Kiss (Rag Fantasy) (b. 1927)
Emily Tucker, Junior, and Christina Wood, Senior, Pianists

Theatre Scenes

Shakespeare Scenes Verser Theatre

4:00pm

Alexis Pace, Moderator

The Merry Wives of Windsor William Shakespeare

Act II, Scene I

Mistress Ford – Kathryn Kellogg

Mistress Page – Rachel Harris

Mistress Ford has just received a love letter from Falstaff and is going to Mistress Page for counsel. When Mistress Page reads the letter she discovers that it is identical to a letter that she has received from Falstaff. After this discovery, the two women plot on how to be revenged on him.

A Woman of No Importance Oscar Wilde

Act I, Scene II

Mrs. Allonby – Grace Johnson

Lord Illingworth – Xavier Lagunas

A group of society friends take a holiday at a country house in Hunstanton Chase. Lord Illingworth and Mrs. Allonby steal a moment on the terrace and discuss their opinions of their fellow guests.

Advanced Acting Class
Verser Theatre

4:15pm

Alexis Pace, Moderator

Jordan Miller	—playing—	Amanda Barker
C.J. Bernard	—playing—	Knowlt Hoheimer
Garrett Whitehead	—playing—	Johnnie Sayre
Nicole Mattson	—playing—	Dorcas Gustine
Brooke Brackett	—playing—	Margaret Fuller Slack
Sarah Davis	—playing—	Nellie Clark
Joe Ochterbeck	—playing—	George Gray
Ben Perry	—playing—	John M. Church
Jillian Kaniss	—playing—	Pauline Barrett
DeCarl Jones	—playing—	Albert Schirding
Kelley Lester	—playing—	Elsa Wertman
MaryLacey Thomson	—playing—	Amelia Garrick
Kayla Esmond	—playing—	Mrs. Merritt
Jacob Sturgeon	—playing—	Willie Metcalf

Juried Art Show

Verser Theatre Gallery

The Hungry (series)
food residue, ink and
graphite
Kelly Boggus

*Crappy Jigs Still Life On
Mirror*
oil on watercolor paper
Dusty Barnette

Hoo Is in the Tree?
acrylic, glue, india ink, pen
and colored pencil
Kathryn Coffey

Diet Coke Redesign
graphic design
Tanner Huffman

Untitled
photo
Deborah Caldwell

Smoke
watercolor, oil and pencil
Libby Harrington

Pogonophobia
collage
Kelly Boggus

The Lake at 10:00am
oil on canvas
Katie Hopmann

Twilight
monoprint
Tanner Huffman

Dying in the Sun
monoprint
Kelly Boggus

Water Sprite
monoprint
Kelly Boggus

Moonlit Quilt
acrylic
Kathryn Coffey

Nevada Test Site
print
Marshall Pope

Floral Pattern
acrylic
Stephanie Chontos

Picadillo
acrylic
Stephanie Chontos

Honors Theses

Group A Walker Conference Center A

Dani Moses, Moderator

- 1:30 **Abby Dekle**
"Understanding the Hurting: A Look into the Lives of Families Battling Ewing's Sarcoma"
- 2:00 **Kasa Cooper**
"Computational Docking Simulations of CYP2E1"
- 2:30 **Jeffery Neil Wacaster**
"Battle for Control: How Venture Capitalists Affect the Development of Businesses"
- 3:00 **Dusty Barnette**
"Medical Illustration"
- 3:30 **John Gomez**
"Establishing a Mouse Model for the Study of Podocyte Regeneration after Injury"

Group B

Walker Conference Center B

Dr. Amy Sonheim, Moderator

- 1:30 **Reuben Cash**
"Bailing Out America"
- 2:00 **Trevor Huxham**
"At the Crossroads of Biblical Studies and Linguistics:
An Exegesis of Genesis 10:1 – 11:9"
- 2:30 **Joy Kelly**
"MalumGhat a Little Joy"
- 3:00 **Kimberly Carlton**
"Chaos and Order in the Meta-Narrative of Scripture"
- 3:30 **Jesse Pruett**
"The Year of Jubilee Is at Hand: A Call for Social
Justice"

Group C

Walker Conference Center C

Alex Nelson, Moderator

- 1:30 **Jacob Lively**
"The Life and Legacy of Judge Richard S. Arnold"
- 2:00 **Mary Smethers**
"The Making of a War Memoir"
- 2:30 **Grace Janzen**
"The Use of Graphic Design in Nazi Anti-Bolshevik
Poster Propaganda, 1937-1943"
- 3:00 **Britta Stamps**
"Against All Odds, She Succeeded"
- 3:30 **Nicci Fillinger**
"Freedom of Speech vs. The Right to Privacy:
Problems with the English Super-Injunction"
- 4:00 **Nate Peace**
"Stop and Serve"

Presentation Sessions

McClellan Hall 205

- 1:30 **Stefani Perry**
"Synthesis and Testing of the Porphyrin H2TPPSO for Photodynamic Therapy"
- 2:00 **Lauren Carr**
"Analysis of H2TPPC and H2TPP-MeSO for Photodynamic Therapy"
- 2:30 **Kristyn Howk**
"Solid-matrix fluorescence of riboflavin in sugar glasses"
- 3:00 **Joseph Levy**
"Computational analysis of ajulemic acid binding sites in PPAR γ -similar proteins"
- 3:30 **Hannah West**
"Three Feet Deep"
- 3:45 **Kelli Wilson**
"Southern Lady?"
- 4:00 **Sydney Phillips, Kristen Barnard, Tori Abellera, Molly Freel**
"Ad/PR Campaigns Class's American Cancer Society Presentation"
- 4:30 **Charlton Diaz**
"Mexico-Narcoterrorism and its Effects on Missions"
- 4:45 **Anthony Emerson**
"The People of God: Story, Identity, and Mission"

McClellan Hall 206

- 1:30 **Tyler Simon**
"Using Computational Docking to Assess the Role of Chirality on Drug Metabolism by CYP2C9"
- 2:00 **Sarah Carr**
"A Singleton to a Cluster: Phage and Genomic Research"
- 2:15 **Adam Curlin**
"The Art of Diagnosis"
- 2:45 **Jason Curlin**
"The Importance of a Proper Education"
- 3:00 **Jody Persson**
"Take it to the Porch: Meeting the Other in To Kill A Mockingbird"
- 3:15 **Jody Persson**
"This Great Wickedness"
- 3:30 **Nate Wade**
"Pranks and Pigtails"
- 3:45 **Nate Wade**
"Throwaway World"
- 4:00 **Humoyiddin Ravshanov**
"Foreign policy approach of President Clinton and George W. Bush towards Middle East peace process"
- 4:30 **Humoyiddin Ravshanov**
"The future role of the United States in the international system"

Young Auditorium, Hickingbotham Hall

- 1:30 **Kelsey Himes, Chelsea Hill**
"Please Excuse My Dear Aunt Sally"
- 2:00 **Catie Bennett, Caitlin Jones, Rebecca Atkinson**
"MTV: Math Tutor Videos using Music-Based Learning"
- 2:30 **Brittany Proffer, Chelsea Ariola, Hannah Hunter**
"Priscilla the Princess Pig: The Best Birthday Ever"
- 3:00 **Erin Edge, Allyson Huffman, Haley Fox**
"Tate's Time Traveler Dad"
- 3:30 **Leah Whitlow, Hannah Bushey, Emily Parker**
" 'Monkeying' Around With Addition"
- 4:00 **Alyssa White, Jessica Stanley, Kayla Roop**
"I Want Sum Treasure"
- 4:30 **Valerie Nickel**
"Analysis of New Agents for Photodynamic Therapy"

Hickingbotham Hall 200

- 1:30 **Britta Stamps, Brittney Jones, Emily Vinson,
Haley Prowell, Charlene Leus**
"What is Social Loafing and Why Does It Occur?"
- 2:00 **Britta Stamps, Brittney Jones, Michael Crowe,
Judith Brizuela, Austin Walsh, Stephanie Batsel**
"SIFE 2012 Competition Presentation"
- 2:30 **Reuben Cash**
"Reshoring: Clark County Flatware"
- 3:00 **Ally Lemos, Mallory Green, Rebekah Dindak**
"Symon the Symmetry Sleuth"
- 3:30 **Shelby McAdoo, Katie Pesek, Monica Williams**
"Jenkins and Sally Count on their Food"
- 4:00 **Britta Stamps**
"Investing in My Future"
- 4:30 **Tanner Simon**
"Identification of CYP2C9 (1R9O) Residues Involved
in Distinguishing Between Enantiomers Using
Computational Studies"

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The Honors Council

The Honors Society Leadership