

*Second Annual*



STUDENT  
SCHOLARS  
SYMPOSIUM

March 28, 2013



## Welcome From The Dean

Greetings and welcome to our second annual student scholars symposium. The creation and advancement of knowledge in academic fields is often the greatest excitement that we have as scholars and teachers. Today, we join together to hear and learn about new and continuing research by students and faculty. I believe you will be mightily impressed as we showcase their work, taking excellence to the next level. Thanks to our faculty committee for such a dynamic program and my sincere welcome to you.

*Dr. Norma Burgess*  
*Dean, College of Arts & Sciences*

## Opening Session: *Ezell 301*

**Chair: Dr. Florah N. Mhlanga, associate dean of the College of Arts and Sciences**

- 8:00 a.m.-9:00 a.m.    **Registration and Coffee**
- 9:00 a.m.                **Introduction**  
Dr. Norma Burgess, dean, College of Arts and Sciences
- 9:15 a.m.                **Opening Remarks**  
Dr. Craig Bledsoe, provost, Lipscomb University

## Paper Presentations I: *Ezell 301*

**Chair: Dr. Caleb Clanton, associate professor of philosophy**

- 9:25 a.m.                **The Successful al-Qaeda: Why is al-Qaeda so effective on global terrorism under the principles of cultural geography**  
Caesar Tang and T. Johnson, Department of History, Politics and Philosophy
- 9:40 a.m.                **School Gun Violence - A Resolution Proposal**  
Grant Carey and E. Lavender, Bible
- 9:55 a.m.                **Global Brew - The Geographic Impact of Coffee**  
Zachary Warrick and T. Johnson, Department of History, Politics and Philosophy
- 10:10 a.m.              **Fluoride in Drinking Water: A Complex Controversy**  
Andrew Melchior and S. Borton, English

## Poster Presentations I: *Ezell Lobby*

**Chair: Dr. John Smith, assistant professor of chemistry and biochemistry**

- 10:00 a.m.-10:45 a.m.    **Posters**
- 1. Grant Writing: Effective Recommendations for Dietetic Professionals**  
Brittannie Stanley, Lisa Mathews and A. Lowery, Dietetics
  - 2. The Benefits of Trust in Relation to College Adjustment**  
Erin Brosey and P. Turner, Psychology
  - 3. Use of the Nutrition Care Process by Registered Dietitians in Tennessee**  
Gina Heagy, Jessica Chultis and A. Lowery, Dietetics
  - 4. Determining the Basic Process of Starting a Backyard Chicken Flock in the Nashville, Tennessee, area.**  
Glyna Dickerson and A. Lowery, Dietetics
  - 5. The Assessment of Online Media Created as a Means to Positively Impact Perceptions of Current and Potential Preceptors for Lipscomb Dietetic Interns.**  
Lindsey O'Brien and A. Lowery, Dietetics

6. **How Do God and Satan Work: Causal Attributions about Life-Altering Events**  
Luyan Zhao and S. Ray, Psychology
7. **Differences and Similarities Between the Health Systems in Peru and the United States and Their Implications for Cross-Cultural Education**  
Mackenzie Reeser and A. Lowery, Dietetics
8. **The Influence of the Academy of Nutrition and Dietetic's Kids Eat Right Toolkit on Nutrition Knowledge of Teenage Athletes.**  
Natalie G. Johnson and A. Lowery, Dietetics
9. **An Assessment to Evaluate Knowledge Pertaining to Public Policy and Advocacy of the Dietetic Intern**  
Patricia V. Sheehan and A. Lowery, Dietetics

### **Lunch Session: *Ezell 301***

**Chair: Dr. Shanna Ray, associate professor of psychology**

10:45 a.m.-11:45 a.m. **Lunch & Presentation: A Journey into Undocumented America and Implications for Psychological Science and Practice.**  
Dr. Douglas Ribeiro, assistant professor of psychology

### **Paper Presentations IIA: *Ezell 301***

**Chair: Stacia Watkins, assistant professor of English**

- 11:55 a.m. **The Point**  
Anna Uselton and K. Reed, English
- 12:10 p.m. **The Flame Relit: An Analysis of The Sacred and Profane in Brideshead Revisited**  
Kayleigh Butterfield and J. Harris, English
- 12:25 p.m. **Preserving the Peace in Graham Greene's The Quiet American**  
Moriah Claud and J. Harris, English
- 12:40 p.m. **Moments of Being and the Eternal Community in To The Lighthouse**  
Jadrienne Myhre and J. Harris, English
- 12:55 p.m. **Hassles and Uplifts**  
Emily Dunn, Tara Dunton, Faith Fallin, Page Parker, Caitlin Phelps, Melissa Wilson and J. Conger, Family Consumer Sciences
- 1: 10 p.m. **From the Classroom to the Neighborhood: Relationship Education in Real Life**  
Clare Corley, Faith Fallin, Whitley Foster, Camille Fraser, Kelsey Gainey, Lindsay Hamrick, Autumn Harper, Chelsey Piper, Kelsey Shipman, Caroline Wolfe and J. Conger, Family Consumer Sciences

### **Paper Presentations IIB: *Ezell 363***

**Chair: Dr. Beth Conway, associate professor of biology**

- 11:55 a.m. **Adaptive Behavior in Autism Spectrum Disorders**  
Rebecca Johnston and S. Ray, Psychology
- 12:10 p.m. **Prevalence of Canine and Feline Infectious Diseases in South Nashville**  
Morgan Furs, Hannah Stephen and F. N. Mhlanga, Biology
- 12:25 p.m. **Study of the Effect of CD-10 on Invasiveness of Cancer Cells, Using the Cell Line MDA- MB-231**  
Brenna Cosminsky and B. Conway, Biology
- 12:40 p.m. **Chronic Wasting Disease**  
Daniel Bloemer and J. Lewis, Biology
- 12:55 p.m. **Physical Fitness Status of the Average Lipscomb Freshman: A Descriptive Analysis of Aerobic Capacity, Muscular Endurance, and Body Composition in PE 2012 Students**  
Erin Gainey, Hannah DeWalt and K. Johnson, Kinesiology

### **Paper Presentations III: *Ezell 363***

**Chair: Dr. Gary Hall, professor of math**

- 1:20 p.m. **Ask and Ye Shall Receive**  
Anna Uselton, Kayleigh Butterfield, Patricia Denney and S. Watkins, English
- 1:35 p.m. **The Role of MVC in the Undergraduate Computing Curriculum**  
Roxanne Spielvogel, Heidi Henline and B. Tallon, School of Computing & Informatics
- 1:50 p.m. **Evaluating the Efficacy of the Complete College Tennessee Act of 2010: A Qualitative Analysis Of Student Persistence and Leadership Among Colleges and Universities in Tennessee**  
Julie Doochin, Celeste Brown, Melva Black and T. Clark, Education
- 2:05 p.m. **Application Date and Other Factors Influencing Higher Education Success for Students at Nashville State Community College**  
Elizabeth Carol Reid, George Frogge and T. Hebert, Education

### **Student Performances I: Swang Chapel: *Ezell 241***

**Chair: Dr. Sonya Borton, assistant professor of English**

- 1:20 p.m. **French Poetry Reading**  
Cecelia Ramsey, Ellen Findley, Cindy Loyola, Ellen Findley, Mary Kate Grant and V. Prill, Foreign Languages
- 1:35 p.m. **Mountain Alyssum**  
Jadrienne Myhre and J. Harris, English
- 1:50 p.m. **Gabriel**  
Jadrienne Myhre and J. Harris, English

- 2:05 p.m.      **Diaphragmic Race**  
Jadrienne Myhre and J. Harris, English
- 2:20 p.m.      **Needle's Eye**  
Jadrienne Myhre and J. Harris, English
- 2:35 p.m.      **Transitions**  
Julia Rox and J. Harris, English
- 2:50 p.m.      **Then and Now: Two Poems, Two People, One Past**  
Mary Sealy and S. Watkins, English

### Paper Presentations IV: *Ezell 363*

**Chairperson: Dr. Richard Goode, professor of history**

- 2:35 p.m.      **Does God have a Moral Effect on the Spirit of the Times?**  
Joshua Stutzman and L. Camp, Bible
- 2:50 p.m.      **Why Do They Dress That Way: The Unique 'Plainness' of Lifestyle of the Various 'Anabaptist' Groups in the Midst of American Society**  
Alexander Givant, Hunter Mayberry, Brad Oster, Katy Wanger and C. McVey, Foreign Languages
- 3:10 p.m.      **The Simple Life: Personal Reflections, Lessons Learned from Anabaptist Theology (Part II)**  
Molly King, Bennett Rigney, Josh Crafton and C. McVey, Foreign Languages
- 3:25 p.m.      **Life and Learning through Gabriel García Márquez's *Del amor y otros demonios***  
Lily Scott, T. Parks and K. Kidder, Foreign Languages

### Student Performances II: *Ward Hall*

**Chair: Dr. Sally Reid, professor of music**

- 3:00 p.m.      **Nightfall**  
Christon Carney, Carmen Saunders, Justin Bowen and S. Reid, Music
- 3:20 p.m.      **Bach's Chaconne for Unaccompanied Violin from Partita No. 2 in D Minor**  
Grace Kimbrough and M. Hughes, Music
- 3:40 p.m.      **The Art of Scientific Pursuit**  
Cameron Gilliam and K. Gallaher, Biology

### Poster Presentations II: Ezell Lobby

**Chair: Dr. Jon Lowrance, professor of biology**

- 4:00-4:45 p.m.      **Posters**
- 1. Applying Natural Language Processing with Naive Bayes Classifier to Classify Tweets.**  
Calvin Canada and E. Borera, School of Computing and Informatics

- 2. A Screen for Genes Involved in Spicule Formation in *C. elegans***  
Cameron MacQuarrie, Sean Salonga, Maria Asencio and B. Millimaki, Biology
- 3. ECE-1 and CD10 Protein Expression in Invasive Breast Cancer**  
Elizabeth Belles and B. Conway, Biology
- 4. Leap of Faith**  
Amy Bowling and G. Hall, Math
- 5. Synthesis of 2-Methyl Meperidine Analogs: Studying the SAR of Opioids**  
Emily Holder and S. Mercer, Pharmaceutical Sciences
- 6. Late for Class: A Parking Dilemma**  
Erikka McIntyre, Michelle Valentin and G. Hall, Math
- 7. Environmental Hazards of Electric Cars**  
Jonathan Midgett and G. Hall, Math
- 8. Characterization of HU-331 as a Cannabinoid Quinone Inhibitor of Topoisomerase II**  
Kellie Regal and J. Deweese, Pharmaceutical Sciences
- 9. Vitamin Levels in Moringa**  
Quyên Nguyen, Noura Mahdi and W. A. Tallon, Chemistry and Biochemistry
- 10. Synthesis and Characterization of the Anticancer Metal-Based**  
Ryan Bowen and J. Smith, Chemistry & Biochemistry
- 11. Lipscomb Portraits**  
Minh Nghiem and J. Morgan, Civil Engineering
- 12. Generation of Topoisomerase IIa Mutants with Altered Etoposide Sensitivity**  
Elizabeth G. Gibson and J. Deweese, Pharmaceutical Sciences

4:45-5:30 p.m.      **Break**

### Dinner, Keynote Presentation and Awards Ceremony: *Ezell 301*

**Chair: Dr. Norma Burgess, dean of the College of Arts and Sciences**

- 5:30-7:30 p.m.      **Dinner, Keynote Presentation and Awards Ceremony**
- Keynote Presentation: A Path to Student Engagement - Creative Inquiry in the Arts & Humanities**  
Dr. Lynnette Overby, director of undergraduate research and experiential learning and professor of theater, University of Delaware

