

### College of Liberal and Applied Arts

- **Natalie Arriola**, *Controversial Archaeological Sites in Brazil*. Department of Sociology - Dr. Leslie Cecil, Division of Latin American Studies - Dr. Jeana Paul-Urena
- **Cortni Davis**, *Elder Abuse and the Financial Elder Abuse Reporting Act of 2005*. School of Social Work - Dr. Roderick L. Hanks
- **Kelly L. Downey**, *When Older-Order Amish Meet New Order Science: Genetic Maladies and the Amish Dilemma*. Department of Sociology – Dr. Tom Segady
- **Paul Harwell**, *Gender, Social Facilitation, and Task Influences on Leadership Selection*. Department of Psychology - Dr. Jeremy D. Heider
- **Elise Hopkins**, *Reaching for the Sun*. Department of English – Dr. John A. McDermott
- **Stephanie Mendoza**, *From Dawn to Twilight: The Byronic Hero*. Department of English - Dr. Erica Hoagland
- **Savannah Williamson**, *Religion as the Cause of Temperance and Abstinence: How the Second Great Awakening took the Fun out of Nineteenth Century America*. Department of History - Dr. Jeff Bremer

### College of Science and Mathematics

- **Jacqueline A. Greer and Eileen Rigby**, *The Purification of a Stereospecific Enzyme from Carrots*. Department of Chemistry – Dr. Michelle R. Harris
- **Kerron Joseph and Jal Walbran**, *Discussing the Probability of Communication amongst Normally Distributed Individuals*. Department of Mathematics and Statistics - Dr. Jeremy J. Becnel
- **Harvey Marquis III**, *Solids of Revolutions about Lines through the Origin*. Department of Mathematics and Statistics - Dr. Jeremy J. Becnel
- **Roberto Molina and Racheal Persuad**, *Studies on Poultry Fat-derived Biodiesel Fuels*. Department of Chemistry - Dr. Russell J. Franks
- **Sarah M. Power**, *Paragenetic Sequence and Glaciation Effects of the Ophiolite Complex and Surrounding Area of Gros Morne National Park, Canada*. Department of Geology - Dr. Kevin W. Stafford
- **Brandon P. Tate**, *A Geochemical Comparison of Deep Geologic Radioactive Waste Sites*. Department of Geology - Dr. Melinda G. Shaw

## 2009 Undergraduate Research Conference: Celebrating Academic Diversity



STEPHEN F. AUSTIN STATE UNIVERSITY  
IS AN INSTITUTIONAL MEMBER OF THE  
COUNCIL ON UNDERGRADUATE RESEARCH  
*Learning Through Research*

**Stephen F. Austin State University  
Baker Pattillo Student Center  
Twilight Ballroom and Grand Ballroom**

**Tuesday, March 31, 2009  
1 p.m. – 5 p.m.**

## Schedule of Events

- 1:00 – 1:10** Opening announcements, Dr. Elizabeth Tasker  
*Twilight Ballroom*
- 1:10 – 1:30** Presentation of awards to University Scholars and Finalists by Provost Dr. Richard Berry  
*Twilight Ballroom*
- 1:30 -2:15** University Finalist poster presentations – *Grand Ballroom*
- 2:15 – 2:30** Break for refreshments – *Grand Ballroom*
- 2:30 – 3:30** University Scholar presentations – *Twilight Ballroom*
- **Rhiannon Lackey**, *Aggravated Assault Rates in Texas*. College of Business - Department of Economics - Dr. Ryan Phelps
  - **Matthew Edison Parks**, *Spectroscopic Studies of 3-Nitrofluoranthene and Fluoranthene*. College of Science and Mathematics – Department of Chemistry - Dr. Kefa Onchoke
  - **Sara Baker**, *Physical Therapy: Manual Therapy versus Myofascial Release*. College of Education - Department of Kinesiology and Health Science - Dr. DawnElla M. Rust
- 3:30 – 3:45** Break for refreshments – *Grand Ballroom*
- 3:45 – 4:45** University Scholar presentations – *Twilight Ballroom*
- **John Green**, *Turn of the Century Recital*. College of Fine Arts - School of Music - Ms. Nita Hudson
  - **Demarcus D. Tave**, *Getting Rid of the Evil Doers: Why Pakistan Should Be Top Priority in the War on Terror*. College of Liberal & Applied Arts - Department of Government - Dr. Michael Tkacik
  - **Leon York, Donald Braman, and Arika L. Kulhavy**, *Trash (In) Action*. College of Forestry - Division of Environmental Science - Dr. David Kulhavy
- 4:45- 4:50** Closing remarks – *Twilight Ballroom*

## University Finalists – Poster Presentations

### College of Business

- **Lexie Butler, Kati Van Dunk, Teresa Powell, Tara Toner and Tim Ward**, *Industry's Environmental Programs Analysis and Company Recommendations*. Department of Business - Ms. Carol Wright
- **Anthony Cardwell, Logan Fountain and Tiffany Snider**, *Going Green Makes Cents*. Department of Business - Dr. Debbie DuFrene
- **Tyler Bishop, Nicole Kurr, Jennifer McFarland and Brandon Rogers**, *What Makes SFA Students Happy?* Department of Business - Dr. Ryan Phelps
- **Jacob Martin, Penny McClendon, Brain Watson and Jimanna Watson**, *Corporate America*. Department of Business - Dr. Ann Wilson

### College of Education

- **Claire Collins, Kim Stockley and Whitney Kirkland**, *LEED Existing Building Certification for Human Science South Building*. Department of Human Science - Dr. Lynda Martin
- **Candise Juarez**, *Transportation Self-Assessment*. Department of Kinesiology and Health Science - Dr. DawnElla M. Rust
- **Alexandra Salazar**, *Healthy Paws Doggie Day Camp*. Department of Kinesiology and Health Science - Dr. Kim Archer

### College of Fine Arts

- **Teresa Kaye Powell**, *The Flute Through Time: A Senior Flute Recital*. School of Music - Dr. Christina Guenther
- **Christian Teague**, *Senior Recital*. School of Music - Ms. Nita Hudson
- **Sesha Wallace**, *Twentieth Century Saxophone with a Touch of Baroque: A Senior Saxophone Recital*. School of Music - Dr. Brian Utley

### College of Forestry

- **Erin Stempinski, Jarrett Sullivan, and Katelyn Kowalczyk**, *Evaluating a Sustainable Campus using Concepts from Landscape Ecology*. Division of Environmental Science - Dr. David Kulhavy
- **Regine Skelton, Charity Vaughn and Stacey Carr**, *Evaluating a Sustainable Environmental Science Buildings using Concepts from Landscape Ecology*. Division of Environmental Science – Dr. David Kulhavy