

2012
STUDENT RESEARCH FORUM



Inaugurate National Undergraduate Research Week with this event.

Students from three disciplines will present their current research.

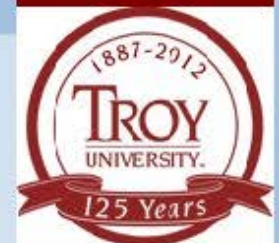
RECEPTION FOLLOWS

Contact person: Dr. Martin Olliff

Date: 04/15/12

Time: 2:00 - 6:00 pm

Harrison Room



**Student Research Forum
Troy University Dothan Campus
April 15, 2012**

Welcome Session **2:15--2:30** **Harrison Room**

Concurrent Session I **2:40--3:40**

Tolkien's Characters M122

Moderator: Mr. Jason Griggs

Sarah Newman (English), "A Dwarf, an Elf, and a Wizard Walk Into a Council: Suspension of Disbelief Within Tolkien"

Emily Wood (English), "The Ring: Credited as a Character"

The Continuing Presence of Old Worlds M123

Moderator: Dr. Vijay Gompa

Russell B. Register (History), "The Pensacola Opera House: The Center of a Southern Society"

Daryl Williams, Bianca Register, Amber Newton (Math), "The Babylonian Number System"

Rebecca Lester, Casey Coleman, and Amie Lednicky (Math), "The Hindu-Arabic Numeral System"



Boy Studying, by Lewis Hine

http://1.bp.blogspot.com/_pajPjEcortg/TIsqSc3GUSI/AAAAAAAAACc/ksbl5PCQZ24/S350/800px-Lewis_Hine,_Boy_studying,_ca._1924-1.png

Concurrent Session II

3:45--5 pm

Women: Real and Imagined

M122

Moderator: Dr. Kris Ross

Queen Ali (Sociology), "Big Mama Thornton: Crossing Race, Gender, and Class Boundaries in Alabama Blues Music"

Joanna Lucier (History), "Women Soldiers of the American Civil War"

Sara E. Martin (English), "Women: Their Power and Romance in *The Lord of the Rings*: On and Off Screen"

Reflections on Political Successes and Failures

M123

Moderator: Dr. Jeneve Brooks

Sunny Brown (Sociology), "Fight or Flight: Politicians' Career Trajectories Post-Sex Scandal"

Miranda Freeman (Sociology), "Occupy Wall Street and the Multi-Institutional Process Model"

Patrick Cleburne Jones (History), "For Cause and Country: Patrick Cleburne and His 1864 Proposal"

Science and Sociology of Consumer Products

M110

Moderator: Dr. David Arrington

Jason Bellot (Sociology), "Herbal and Dietary Supplements: Awareness"

Dianna Forbes and Jesse Galinski (Chemistry), "Determination of Phosphorus in Plant Food: You Can't Always Believe What You Read"

Victoria Owens and Dianna Forbes (Chemistry), "A Clean Shower Is a Happy Shower"

Reception in the Harrison Room

5pm – 6 pm

List of Presenters and Papers with Abstracts

Queen Ali (Sociology), "Big Mama Thornton: Crossing Race, Gender, and Class Boundaries in Alabama Blues Music"

This paper uncovers how blues singer and Ariton native Big Mama Thornton transgressed the stark boundaries of race, gender, and class, defying the proscribed, stereotypical roles of the female blues singer.

Jason Bellot (Sociology), "Herbal and Dietary Supplements: Awareness"

This paper reviews several scholarly studies that provide insight into who uses herbal remedies and supplements and why they should notify their supplemental usage to their primary healthcare physician or pharmacists.

Sunny Brown (Sociology), "Fight or Flight: Politicians' Career Trajectories Post-Sex Scandal"

An analysis of the effects of sex scandals on the political careers of prominent U.S. statesmen, this study covers figures from both Democratic and Republican parties.

Dianna Forbes and Jesse Galinski (Chemistry), "Determination of Phosphorus in Plant Food: You Can't Always Believe What You Read"

In this presentation we will describe our experiments into phosphorous content of plant foods, explain the reason for the failure of the literature method, and present the corrections necessary to make the method robust and reliable.

Miranda Freeman (Sociology), "Occupy Wall Street and the Multi-Institutional Process Model"

This research will cover the implications of the Multi-Institutions Political Process theory as proposed by Elizabeth A. Armstrong and Mary Bernstein. I use the Occupy Wall Street movement as an example of this new theoretical perspective.

Patrick Cleburne Jones (History), "For Cause and Country: Patrick Cleburne and His 1864 Proposal"

This paper claims that a great opportunity was lost for the Confederacy during the American Civil War by failing to implement General Patrick Cleburne's proposal to arm Southern African Americans in January 1864.

Rebecca Lester, Casey Coleman, and Amie Lednicky (Math), "The Hindu-Arabic Numeral System"

Discusses the Hindu-Arabic Numeral System: its history, what it is, and how it is used today.

Joanna Lucier (History), "Women Soldiers of the American Civil War"

This essay looks at the nearly 400 women who disguised themselves in male attire and fought as soldiers in the Confederate and Union armies

Sara E. Martin (English), "Women: Their Power and Romance in The Lord of the Rings: On and Off Screen"

My paper discusses the importance of the change Peter Jackson made to the roles of female characters in his *Lord of the Rings*, and how he differed from Tolkien.

Sarah Newman (English), "A Dwarf, an Elf, and a Wizard Walk Into a Council: Suspension of Disbelief Within Tolkien"

Tolkien suspends disbelief in his created world through the use of geography, the integration of myth into the history he presents, and the use of created language that was modeled on factual languages.

Victoria Owens and Dianna Forbes (Chemistry), "A Clean Shower Is a Happy Shower"

In this presentation, we will present photographs of the differences in effectiveness and will describe the various components of shower cleaners and their modes of action. We also discuss our experimental methods.

Russell B. Register (History), "The Pensacola Opera House: The Center of a Southern Society"

I argue that during its operation from 1883 to 1917, the Pensacola Opera House aided the development of Northwest Florida culture by facilitating the local economy, arts, and societal relations of this era.

Daryl Williams, Bianca Register, Amber Newton (Math), "The Babylonian Number System"

This paper describes the Babylonian numbering system and argues that it is the basis for many civilizations' systems long after the Babylonians themselves were gone.

Emily Wood (English), "The Ring: Credited as a Character"

I argue that the Ring in *The Lord of the Rings* is actually a key main character in the story rather than just a mere object because it takes on the form of a type of parasite throughout the work