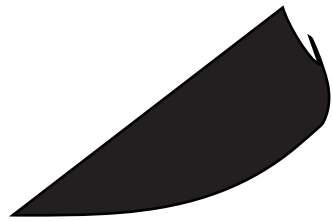
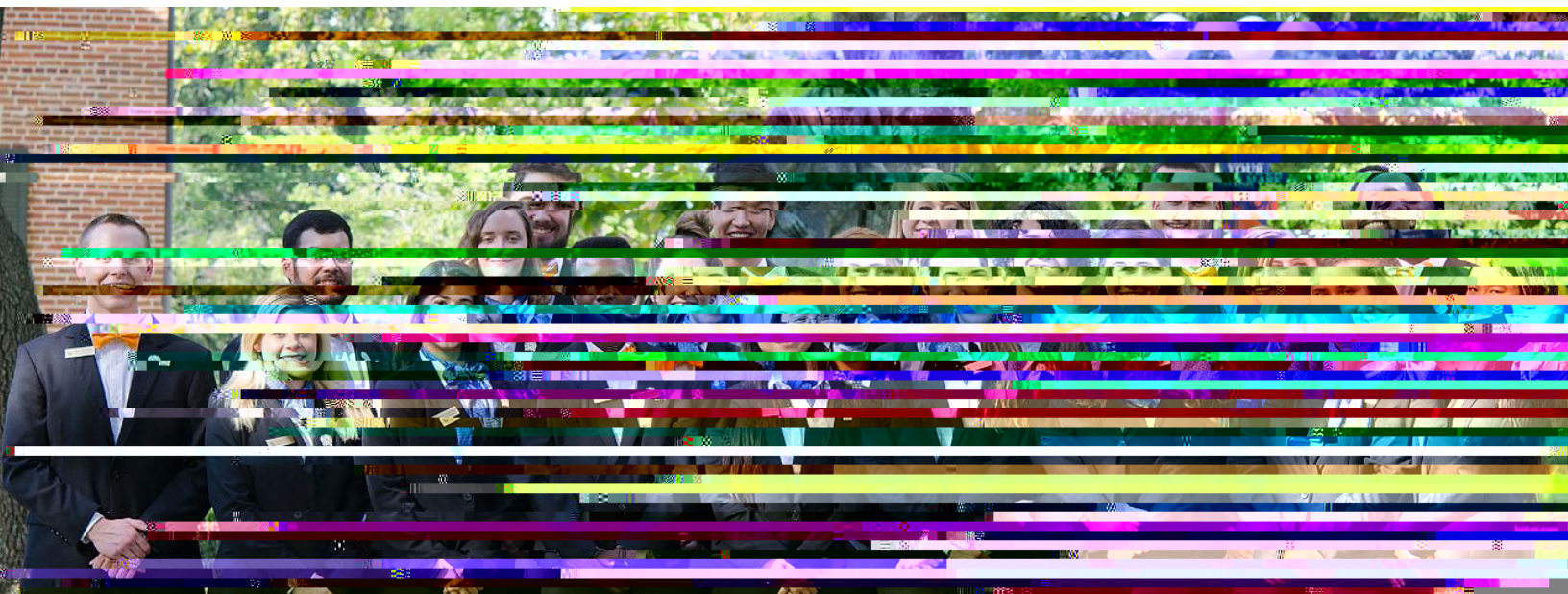


# THE ELEVENTH ANNUAL UNDERGRADUATE RESEARCH SYMPOSIUM







8:00-8:45

8:45-8:55

9:00-10:20

10:30-11:50

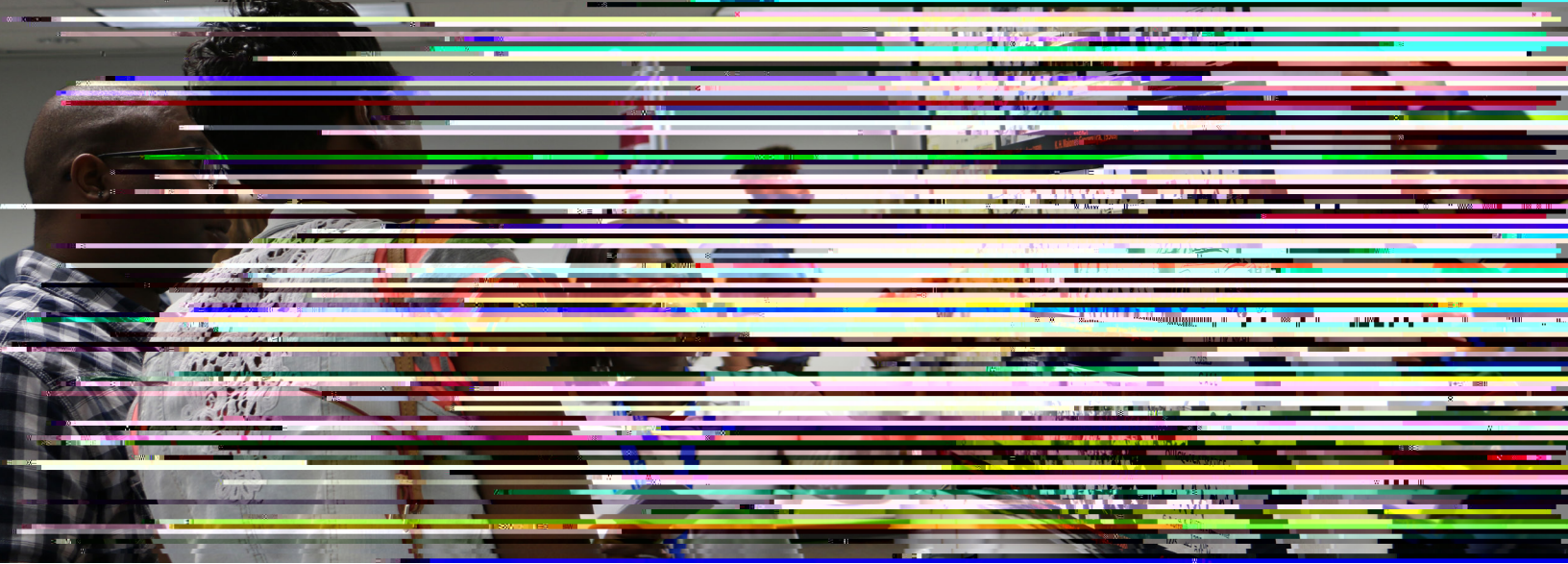
12:00-1:20

1:30-2:50

3:00-4:20

4:30-5:00

**ALL ORAL-MEDIA SESSIONS WILL BE HELD IN THE CHSS BUILDING  
THE POSTER SESSION WILL BE HELD IN THE LSC, THIRD FLOOR**



**The Undergraduate Research Symposium  
Is Sponsored By:**





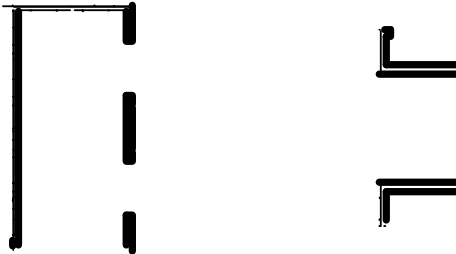




## The Undergraduate Research Symposium

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# CHSS Concourse Floor



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# Session A

## 9:00-10:20

### ROOM 206 Habitat Study

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*Impact of Soil Water, Relative Humidity, and Vapor Pressure Deficit on Evapotranspiration*  
Francis Pryor

*The Relationship between Cumulative Growing Degree Days and Evapotranspiration*  
Lauren Worley

*Spatiotemporal patterns of larval amphibians along environmental gradients in pond microhabitats in East Texas*  
Clay Laughrey

*Carolina Wren (*Thryothorus ludovicianus*) nest composition in urban and rural habitats*  
Hannah McNeese

*Comparison of Evapotranspiration and Water Use Efficiency of Corn and Cotton*  
Francis Pryor

### ROOM 220 Art and Creation of Expression

---

*Creative Dance: Enriching Individuals' Relationship with Their Body*  
Carlee Sachs-Krook

*Making Queer Objects*  
Cassie Nicholson

*Artemisia Gentileschi's Artwork Portraying Women*  
Holly Ortiz

*From East to West Side Story: An Analysis of Movement and Context*  
Kelly Clipper

### ROOM 226 Psychology and Philosophy: Life, the Machine, and More

---

*A.I.: What Does it Mean For Us?*  
Treston Smith

*Philosophy of Minimalism*  
Elise Whatley

*Artificial Intelligence Consciousness*  
Valentina Linares



# Session A

9:00-10:20

**ROOM**  
**232** History: War and Its Discontents

---

*The Seminal Catastrophe: World War One and the Modern Middle East*  
Michael McCarney

*Propaganda in France in Twentieth Century Conflicts*  
Stewart Lawrence, Illeana Moore, Luka Herrera Munoz

*Recovering Aurelio Pego's Satirical Defeat*  
Sarah Wagner

*Area Bombing in the Second World War: A Necessary Sacrifice or Unnecessary Brutality*  
Michael McCarney

*Analysis of Payment Options for Home Food Purchases*  
Brady Barham, Mackenzie Roten, Bailey Creighton, Thomas Dozier, Thomas Reeves

*How Undocumented Workers and Immigrants affects Texas' Economic Infastructure*  
Elisha Daniels

*Student Perceptions: Utility of Soft Skills*  
CaLynn Reed, Alexis Hardy



# Session B

## 10:30-11:50

**ROOM**  
**232** Crime: Detection, Punishment, and  
Juvenile Justice

---

*Saw Mark Analysis: Examining the Differences Between Mechanical Saws and Handsaws When Used to Cut Human Bone*

Kayla McCarns

*Harming the Innocent*

Christian Staus

*Teacher Support, Parental Incarceration, and Low Academic Achievement in Justice-Involved Youth*

Amandamay Naquin-Eason

*Prosecutorial Discretion in the Charging Decision*

Mellanie Wallace

**ROOM**  
**242B** Children and Well-Being

---

*The Effects of Television and Video Games on Childhood Obesity*

Kelly Clipper

*Early Menarche*

Chelsea Henderson

*Air Pollution and its Health Risks from Hurricane Harvey*

Kathy Wachtendorf

*An Examination of the Agricultural Mechanics Professional Development Needs of the 2016 National FFA Agricultural Technology and Mechanical Systems Career Development Event FFA Advisors*

Emily Rigglin

*Analysis of Payment Options for Home Food Purchases*

Mackenzie Roten

*Exercise and Depression/Anxiety*  
Jennifer Gross

*Design of Cooperative, Project-based Lab Experiences to Promote Understanding in Stoichiometry in College-level General Chemistry Courses*  
William Fernandez, Andrea Bui

*Design of Laboratory Experiences in Material Science and Nanotechnology*  
Corbin McCleary

*Tail Pigmentation in Acris blanchardi Tadpoles Along an Environmental Pond Gradient*  
Wendi Alvarado





*Justifying Fraud in the 1880s: The Case of Nellie Bly*  
Brittiany Minor

*Preservation of a Dying Culture: A Study of the German Language Poetry of the Sorbian/Wendish people*  
Samantha Hunt

*Shell Middens on the Coast*  
Jennifer Lopez

*Spanish Satirist Fights Fascism: An Analysis of Aurelio Pego's Chronicles Denouncing Francisco Franco*  
Rachael Varner

*The Great Ball Court-History of Mesoamerica*  
Ashley Foster

*The Grolier Codex and the Importance of Venus*  
Caleb Zavala

*The Lynching of Joe Winters*  
Sarah Clark

*The Spearthrower Owl of Teotihuacan*  
Allison Faith

*The Unexpected Agency: A Commodity Chain Analysis of Sulphur in Latin America*  
Alexander Dodd

*Tlatelolco Massacre*  
Tyler Pointer

*Volkswagen de México: The Two Symbolic Vehicles*  
Chloe Henze

*Warrior Cults of the Aztec Empire*  
Eli Addams

*What Is Disrespect to the Flag?*  
Maria Hendrickson

**ROOM 302** Art, Family and Consumer Sciences, &  
Language, Literacy, & Special Populations

---

*Pombo: Gift of Literature to the Colombian Children*  
Claudia Oviedo

*Recovering and Analyzing Aurelio Pego's Antifascist Chronicles*  
Cesar Cantu

*Sandra Cisneros*  
Ashley Foster

*The Confluence of New Mexico: Navajo and Chimayo Weavings*  
Noemi Monjaras, Beatriz Zapata

*The Importance of Body Movement in Animation*  
Sara McClanahan



# Session D

3:00-4:20

**ROOM**  
**206** Medieval and Victorian Literature

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*The Love Triangle of Tristan and Isolde*  
Joseph Brunson

*The Various Depictions of King Arthur in Literature*  
Cassidy Harkins

*Crossing Lines: Middlemarch and Victorian Women as Heirlooms*  
Kylee Windham

*George Eliot's Divergence from Wollstonecraftian Feminism*  
Margaret Hageman

**ROOM**  
**220** Media Analysis

---

*Did Love Actually Trump Hate in 2016? An Analysis of Negativity in Congressional Campaign Tweets from 2012-2016*  
Marlisa Ensley, Janay Southwell, Jeremiah Gibson

*Fake News in My Social Circle: A Tour*  
Keira Tademey

*The Feminism Stalls: How a Lack of Communication between Branches has led to Media Vilification*  
Kaitlyn Niederstadt

*GTA and the Moral Panic about Video Games*  
Clayton Hill

**ROOM**  
**226** Disability Studies

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*Dis(abilities) are not Always What They Seem*  
Sydney Caldwell, Alexandria Burns

*Siblings with Disabilities and the Effect on the Decision to Become a Teacher*  
Sarah Gilbert



