The Eleventh Annual Undergraduate Research Symposium

Conference Program
April 28, 2018

Hosted by the Elliott T. Bowers Honors College Ambassadors
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**All Oral-Media Sessions will be held in the CHSS Building**
**The poster session will be held in the LSC, Third Floor**
8:00-8:45  Registration
8:45-8:55  Welcome and Opening Remarks
           Room C070
9:00-10:20 Session A, Oral-Media
            Presentations
10:30-11:50 Session B, Oral-Media
            Presentations
12:00-1:20 Lunch
            LSC Ballroom
1:30-2:50  Session C, Poster Session
            LSC, Third Floor
3:00-4:20  Session D, Oral-Media
            Presentations
4:30-5:00  Closing Ceremony
            Room C070

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:

Elliott T. Bowers Honors College
College of Science and Engineering Technology
E.U.R.E.C.A. Center

The URS especially thanks Dr. Hiranya Nath for his generous Assam Scholarship
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A Message from Our Faculty Advisor

Welcome to the Eleventh Annual Undergraduate Research Symposium, hosted by the Ambassadors of the Elliott T. Bowers Honors College! This conference provides a professional environment in which student scholars can share their past, current, and ongoing research. Because national studies have shown that undergraduates who participate in research are better communicators and more effective leaders, the URS acts as a springboard for post graduate success. Several of our past participants have gone on to experience inspiring professional endeavors which have had their foundation at this conference. For those faculty who have worked closely with their students during preparation for the URS, this accomplishment is a source of enormous gratification.

The Honors Ambassador co-chairs Conner Rousseau, Raynie Leard, Kayla McCarns, and Danielle Watley have worked extraordinarily hard over the past year to make this conference an ongoing success. This wonderful team worked over the summer to overhaul the URS website and registration module to ensure ease of navigation during the registration process. To encourage student success, they provided information links that covered the varied etiquettes of conference presentation, from dress to poster design. Additionally, they have organized several information sessions, sent out information packets to every faculty member on campus; they have formed ambassador committees for abstract review, communication dissemination, and conference logistics; they have chosen new merchandise, planned meals, and made decisions about next year’s event. Ambassador Raynie Leard has also worked single-handedly on the design and organization of this year’s program, providing invaluable advice and guidance. Again, this conference would not possible without the combined effort of these highly motivated and professional corps of Ambassadors.

But these students are not the only ones who have dedicated themselves to furthering what is now a nation-wide effort to promote undergraduate research. Others have been just as vigorous in their support, including faculty advisors who have helped students with their research, family and friends who have come to show their support, faculty and graduate student volunteers who have devoted their Saturday to giving presenters feedback, staff members who have been working overtime to ensure that everyone is fed, given gift bags, directed to the right rooms, and checked in properly. The Honors College, College of Science and Engineering Technology, and Excellence in Research Experiences and Creative Activities (E.U.R.E.C.A) have generously contributed to this event because they believe in promoting undergraduate research and in supporting the URS. We recognize and deeply appreciate their active support of this endeavor. Finally, we especially thank Dr. Hiranya Nath, Professor of Economics, for his very generous Annual Assam Scholarship Award.

Today’s conference celebrates what is best about Sam Houston State University: our students, our commitment to excellence in education, and our dedication to undergraduate research.

Dr. Tracy Bilsing
Faculty Advisor, Co-Chairs and URS Faculty Committee Chair
Assistant Dean, Elliott T. Bowers Honors College
**URS History and Mission Statement**

In 2008, the Honors Student Ambassadors began the Undergraduate Research Symposium (URS). The goal was two-fold: to share research with fellow students and to gain experience in preparation for future conferences. Today, the URS continues to provide a forum where all SHSU undergraduate students can present their research to others in a professional environment while giving students the opportunity to gain expertise in their field and to receive feedback from other scholars and members of the academic community. Additionally, the URS offers three $500 awards: The Assam Scholarship for Honors Research Award, The Honors College Award for Best Overall Oral-Media Presentation, and the Honors College Award for Best Overall Poster. Other awards include honorable mention awards, the E.U.R.E.C.A. Award for Best FAST Oral Media Presentation, and the E.U.R.E.C.A. Award for Best FAST Poster. The URS is supported by the faculty and staff of the Elliott T. Bowers Honors College.

**A Message from Our Co-Chairs**

Welcome to the 11th year of the Undergraduate Research Symposium! The co-chairs and Honors Ambassadors are excited to have a role in bringing this incredible experience to life for each and every one of you. Eleven years ago, this conference began with a grand total of 6 presenters and 15 attendees (including the six presenters)! With all of you here today, we have almost 150 presenters and over 400 attendees! To put it simply, you all are making history by crafting a growing experience into something even larger. And why does this matter? Sure, the Undergraduate Research Symposium is a great way to get the feel for a professional conference — students find an attentive audience, receive professional feedback, and acquire experience in presenting your work. Of course, the Undergraduate Research Symposium also serves as a great method for building your resume or CV. Add free food and goodies to that equation, and you already have plenty of reason to enjoy the event.

However, the co-chairs feel that the greatest benefit of the Undergraduate Research Symposium stems from the pride. There is nothing quite like sitting in a room with fellow SHSU students and seeing them showcase the amazing things happening within our university seen through the impressive and novel ideas taking flight within this conference. Each and every one of you is a part of this organic, incredible experience, and that is something to take immense pride in. Whether it be as a first time or veteran presenter, an ambassador or volunteer, an advisor or faculty moderator, an administrator or supportive audience member, we all have an integral part to play in making this one-of-a-kind event a success. Thank you for your unique contribution to the 11th year of a program that we hope to see continue for a long time to come. Enjoy your day!

Raynie Leard  
URS Co-Chair

Kayla McCarns  
URS Co-Chair

Conner Rousseau  
URS Co-Chair

Danielle Watley  
URS Co-Chair
Honors Faculty and Staff

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Connie Rodriguez
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Lindsey Burcham
Raynie Leard
Kayla McCarns
Lucero Nava
Gaby Rangel

The Undergraduate Research Symposium
Faculty Committee

Dr. Tracy Bilsing
Dr. Lydia Fox
Dr. Maria Holmes
Mr. John Jordan
Dr. Patrick Lewis
Dr. Pamela Zelbst

Honors College Ambassadors

Raynie Leard- President
Conner Rousseau- President
Kayla McCarns- Vice President
Beverly Liu- Secretary
Brittany Minor- Historian

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Maria Hendrickson
Rachael Hunnicutt
Amie Kas
Logan Kennemer

Peiting Liu
Daniel Nwosuocha
David Porter
Kelsey Rosenbaum
Lauren Rudie
Hamza Uddin
Danielle Watley
Session A
9:00-10:20

ROOM 206 Habitat Study

**Impact of Soil Water, Relative Humidity, and Vapor Pressure Deficit on Evapotranspiration**
Francis Pryor
Faculty Advisor: Dr. Shyam Nair

**The Relationship between Cumulative Growing Degree Days and Evapotranspiration**
Lauren Worley
Faculty Advisor: Dr. Shyam Nair

**Spatiotemporal patterns of larval amphibians along environmental gradients in pond microhabitats in East Texas**
Clay Laughrey
Faculty Advisor: Dr. Carmen G. Montana-Schalk

**Carolina Wren (Thryothorus ludovicianus) nest composition in urban and rural habitats**
Hannah McNeese
Faculty Advisor: Dr. Diane Neudorf

**Comparison of Evapotranspiration and Water Use Efficiency of Corn and Cotton**
Francis Pryor
Faculty Advisor: Dr. Shyam Nair

ROOM 220 Art and Creation of Expression

**Creative Dance: Enriching Individuals’ Relationship with Their Body**
Carlee Sachs-Krook
Faculty Advisor: Dr. Barbara Kaminska

**Making Queer Objects**
Cassie Nicholson
Faculty Advisor: Lauren Clay

**Artemisia Gentileschi’s Artwork Portraying Women**
Holly Ortiz
Faculty Advisor: Dr. Barbara Kaminska

**From East to West Side Story: An Analysis of Movement and Context**
Kelly Clipper
Faculty Advisor: Dr. Jessica Herzogenrath

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

**A.I.: What Does it Mean For Us?**
Treston Smith
Faculty Advisor: Dr. Maria Botero Jaramillo

**Philosophy of Minimalism**
Elise Whatley
Faculty Advisor: Dr. David Wright

**Artificial Intelligence Consciousness**
Valentina Linares
Faculty Advisor: Dr. Maria Botero Jaramillo
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  
  Faculty Advisor: Dr. Mevhibe Emiralioglu

*Propaganda in France in Twentieth Century Conflicts*
  Stewart Lawrence, Illeana Moore, Luka Herrera Munoz  
  Faculty Advisor: Dr. Siham Bouamer

*Recovering Aurelio Pego’s Satirical Defeat*
  Sarah Wagner  
  Faculty Advisor: Dr. Montse Feu Lopez

*Area Bombing in the Second World War: A Necessary Sacrifice or Unnecessary Brutality*
  Michael McCarney  
  Faculty Advisor: Dr. Zachary Doleshal

**ROOM 242A** Business and Economic Practices

*Analysis of Payment Options for Home Food Purchases*
  Brady Barham, Mackenzie Roten, Bailey Creighton, Thomas Dozier, Thomas Reeves  
  Faculty Advisor: Dr. Shyam Nair

*How Undocumented Workers and Immigrants affects Texas’ Economic Infrastructure*
  Elisha Daniels  
  Faculty Advisor: Dr. Fidel Gonzalez

*Student Perceptions: Utility of Soft Skills*
  CaLynn Reed, Alexus Hardy  
  Faculty Advisor: Dr. Danica Schieber

**ROOM 242B** Biology and Chemistry

*Analyzing Products of Cytochrome P450 and PNCA using Bacterial Luciferase*
  Lucio Avellaneda  
  Faculty Advisor: Dr. Donovan Haines

*Synthesis and Characterization of Bisdiazaboroles and an Ethylhexyl Ester Based Diazaborole-Linked Macrocycle*
  Nicholas Garcia  
  Faculty Advisor: Dr. Dustin Gross

*DNA Sequences Analysis of Plasmids from Multi-Resistant Salmonella enterica*
  Kemi Alabi, Shanila Lakhani  
  Faculty Advisor: Dr. Aaron Lynne
Session B
10:30-11:50

ROOM 206  Biology

Assessing Biocatalyst Potential of Rhodobacter sphaeroides
Noah Zavala
Faculty Advisor: Dr. Madhusudhan Choudhary

Rapid Evolution of CRISPR-associated Cas Proteins
Dorcie Gillette
Faculty Advisor: Dr. Madhusudhan Choudhary

Who’s That Lady Bug?
Briauna Augustus
Faculty Advisor: Dr. Madhusudhan Choudhary

ROOM 220  Film and Literature: Creative Expressions

The Musical Themes of Star Wars and the Connections Created by Their Usage in the Films
Kirsten Cottle
Faculty Advisor: Dr. Melissa Cummins

Star Wars Costuming: Rey
Maria Hendrickson
Faculty Advisor: Dr. Tracy Bilsing

How J.K. Rowling Resurrected the Phoenix within Modern Culture
Kalie Parker
Faculty Advisor: Drs. Kimberly Bell and Tracy Bilsing

ROOM 226  Literature and History: What Lies Beneath

A Comparative Study of West Germanic Language Histories: Varying Degrees of Inflectional Syncretism in English and German
Danielle Watley
Faculty Advisor: Dr. Helena Halmari

When Numbers and Words Collide: The Hidden Mathematics within Literature
Tyler Josefsen
Faculty Advisor: Dr. Kimberly Bell

Richard III: Rightful King or Pretender to the Throne
Shelby Dyson
Faculty Advisor: Dr. Amy Dean

ROOM 242A  History and Community

“You Cannot See Anyone but Negroes:” Huntsville’s Yellow Summer of 1867
Sarah Schmitt
Faculty Advisor: Dr. Zachary Doleshal

Community Attachment
Jeff Speck
Faculty Advisor: Dr. Gene Theodori

Women and Long Civil Rights Through Fashion and Policing
Justice Godfrey, Sanitra Adair
Faculty Advisor: Dr. Bernadette Pruitt
**Saw Mark Analysis: Examining the Differences Between Mechanical Saws and Handsaws When Used to Cut Human Bone**  
Kayla McCarns  
Faculty Advisor: Dr. Joan Bytheway

**Harming the Innocent**  
Christian Staus  
Faculty Advisor: Dr. Benjamin Mitchell-Yellin

**Teacher Support, Parental Incarceration, and Low Academic Achievement in Justice-Involved Youth**  
Amandamay Naquin-Eason  
Faculty Advisor: Dr. Amanda Venta

**Prosecutorial Discretion in the Charging Decision**  
Mellanie Wallace  
Faculty Advisor: Dr. Travis Franklin

**The Effects of Television and Video Games on Childhood Obesity**  
Kelly Clipper  
Faculty Advisor: Dr. A. Page Glave

**Early Menarche**  
Chelsea Henderson  
Faculty Advisor: Dr. Crystal Douglas

**Air Pollution and its Health Risks from Hurricane Harvey**  
Kathy Wachtendorf  
Faculty Advisor: Dr. Dhitinut Ratnapradipa
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 Riggin
Faculty Advisor: Dr. P. Ryan Saucier

Analysis of Payment Options for Home Food Purchases

Mackenzie Roten
Faculty Advisor: Dr. Shyam Nair

Comparison of Students’ Performance in Two Agricultural Teacher Certification Tests

Madeline Markette, Dillon Harrell, Gregory Hughes, Braxton Bunner
Faculty Advisor: Dr. Shyam Nair

Converging Communities: A Collective Discussion On Education

Sarah Bivens, Andrew Vierkant
Faculty Advisor: Dr. Ervin Malakaj

Factors Influencing Employer Satisfaction of an ASET/STEM Career Fair

Lauren Worley
Faculty Advisor: Dr. Shyam Nair

Factors Influencing Food Purchase Location Choices

Matthew Duval
Faculty Advisor: Dr. Shyam Nair

Factors Influencing Teacher Certification Exam Scores

Madeline Walker
Faculty Advisor: Dr. Shyam Nair

Influence of Demographic Factors on the Expenditure on Alcoholic and Non-Alcoholic Beverages

Brittany Franz, Alyson Sivec, Benjamin Boehm, Sloan Exner, Micah Haden
Faculty Advisor: Dr. Shyam Nair

The Effect of Coupons and Loyalty Cards Use on Food Purchase by US Consumers

Sydney Armatta
Faculty Advisor: Dr. Shyam Nair

The Effect of Soil Water Content on Bowen Ratio for Corn and Cotton Fields

Lauren Worley
Faculty Advisor: Dr. Shyam Nair

The Impact of Socio-Economic Factors on Family Expenditures for Fruits and Vegetables

David Michlak
Faculty Advisor: Dr. Shyam Nair

The Importance of Play in the Classroom

Cristine Cela, Claudia Repke, Tanya Lira, Rainey Goodrum, Katherine Teagle
Faculty Advisor: Dr. Elizabeth Lasley

The Influence of Net Ecosystem CO2 Exchange on Evapotranspiration in Corn and Cotton

Rayne Horton
Faculty Advisor: Dr. Shyam Nair

The Influence of Soil Treatments on Growth and Recovery of Olives

Joseph Johnson, Taylor Richbourg, John Miller, Joshua Lange
Faculty Advisor: Dr. Shyam Nair

The Relationship between Photosynthetically Active Radiation and Net Ecosystem CO2 Exchange in Corn and Cotton

Cassady West
Faculty Advisor: Dr. Shyam Nair
Exercise and Depression/Anxiety
Jennifer Gross
Faculty Advisor: Dr. A. Page Glave

Design of Cooperative, Project-based Lab Experiences to Promote Understanding in Stoichiometry in College-level General Chemistry Courses
William Fernandez, Andrea Bui
Faculty Advisor: Dr. Adrian Villalta-Cerdas

Design of Laboratory Experiences in Material Science and Nanotechnology
Corbin McCleary
Faculty Advisor: Dr. Adrian Villalta-Cerdas

Tail Pigmentation in Acris blanchardi Tadpoles Along an Environmental Pond Gradient
Wendi Alvarado
Faculty Advisor: Dr. Carmen Montaña-Schalk

Temporal Variation in Population Structure of Western Mosquito Fish (Gambusia affinis) in an East Texas Wetland
Kelsey Kralman
Faculty Advisor: Dr. Carmen Montaña-Schalk

A Review of Medical Tourism in Korea
Kiwon Yoon, Mingyu Sung
Faculty Advisor: Dr. Jin Young Choi

Carolina Wren (Thryothorus ludovicianus) Nest Composition in Urban and Rural Habitats
Hannah McNeese
Faculty Advisor: Dr. Diane Neudorf

Derivatives of L-DOPA
John Ordonez
Faculty Advisor: Dr. Donovan Haines

Alternative Gaits in gekkotans Explains Femoral Morphology
Taylor Eubank
Faculty Advisor: Dr. Juan D. Daza

The Microanatomy of Bone Trauma
Stephanie Baker
Faculty Advisor: Dr. Patrick Lewis

Are Large Eyes of Geckos Paedomorphic?
Lauren Yetter
Faculty Advisor: Dr. Juan D. Daza

Association of MTHFR Gene Polymorphisms and Autism among Different Ethnic Groups
Veronica Gonzalez
Faculty Advisor: Dr. Madhusudan Choudhary

Identification of Factors that Differentiate the Gold-mining and Non Gold-mining Sites in the Mazaruni River, Guyana
Ibeth Caceres
Faculty Advisor: Dr. Madhusudan Choudhary

Implementation of CRISPR Technology for recA gene deletion in Rhodobacter sphaeroides
Samantha McBride
Faculty Advisor: Dr. Madhusudan Choudhary
Regulatory Small RNAs in *Rhodobacter sphaeroides*

**Santos Gonzalez**
Faculty Advisor: Dr. Madhusudan Choudhary

Use of Variable Media to Ameliorate Growth of *Rhodobacter Sphaeroides*

**Nicholas Williford**
Faculty Advisor: Dr. Madhusudan Choudhary

A *New specimen of Miocene Rhino from East Texas*

**McKenzie Walker**
Faculty Advisor: Dr. Patrick Lewis

Examination of Sharp Force Trauma to the Skull

**Christine Smith**
Faculty Advisor: Dr. Patrick Lewis

On Bone Asymmetries Resulting from Ballistic Trauma as Observed via micro-CT Technology

**Jesse Berger, Olivia Bouch, Jessica Munoz**
Faculty Advisor: Dr. Patrick Lewis

Species Identification of Late Pleistocene Horses Based on Cheek Tooth Enamel Patterns

**Rachel Franklin, Bailey Spivey**
Faculty Advisor: Dr. Patrick Lewis

The First Pleistocene Manatee from Texas

**Brooke Adair**
Faculty Advisor: Dr. Patrick Lewis

Sexual Divergence of Ecomorphology in the Atlantic Stingray, *Dasyatis sabina*

**Jessica Wright**
Faculty Advisor: Philip Matich

Quantitative Analysis of Bacteria Overgrowth after Skin Microbiome Disruption

**Lindsey Burcham, Madison Cowdrey**
Faculty Advisor: Dr. Todd Primm

Effect of Physical Exercise on Depression/Anxiety Disorder

**Benny Conn, Matthew Viggers, Joseph Solis**
Faculty Advisor: Dr. Shyam Nair

Effect of Using Menu Calorie Information on Body Mass Index

**Alan Kearney, Adam Sebesta, Crystal Serres, Carson Owens, Callie Holder**
Faculty Advisor: Dr. Brian Blackburne

Management of Small Hive Beetle Infestation in Beehives

**Francis Pryor, Sky Hibler**
Faculty Advisor: Dr. Shyam Nair

The Association of Smoking with General Health

**Kolby Wolf, Morgan Keeling, Perla Liscano, Aaron Stasney, Cody Mayfield**
Faculty Advisor: Dr. Shyam Nair

**ROOM 321**

**Criminal Justice & Forensic Science**

An Overview on the Accessibility of Menstrual Hygiene Products for Incarcerated Females

**Chelsi Lamberton**
Faculty Advisor: Dr. Daniel Butler

Blunt Force Trauma: Fractures of the Human Mandible

**Nichole Miller**
Faculty Advisor: Dr. Joan Bytheway
E-JUSTICE
Janeth Del Carmen Castellanos
Faculty Advisor: Katie Hubbard

The Constitutional Limits of Police Use of Force Under the Fourth Amendment
Odalis Alvarado
Faculty Advisor: Dr. Michael Vaughn

The Effectiveness of Mandatory Minimum Sentencing for Drug Offenders: A Look at Literature
Anna Nix
Faculty Advisor: Dr. Elisa Toman

“Making” a New Standard to Fight “Fake News”
Ethan Horn
Faculty Advisor: Dr. Jeff Littlejohn

A Meta-Analysis of the Confidence-Accuracy Relationship
Naomi Broussard
Faculty Advisor: Dr. Jeff Anastasi

Academic Self Efficacy and Exceptional College Students
Taryne Melofsky
Faculty Advisor: Dr. Courtney Banks

Acculturation, Weight, and Sleep in Recently Immigrated Central American Adolescents
Aleyda Arreola
Faculty Advisor: Dr. Amanda Venta

Comparing Same-sex Couples in the Mass Media
Holly Ortiz
Faculty Advisor: Dr. Emily Cabaniss

Fake News in the Gamergate Scandal
Margaret Hageman
Faculty Advisor: Dr. Ervin Malakaj

Parents’ Perception on Bullying and Teacher Responsiveness
Maria Horgan
Faculty Advisor: Dr. Courtney Banks

The Complex Nature of International Food Aid
Emily Gordon
Faculty Advisor: Dr. Jin Young Choi

The Relationship of Response to Intervention and College Academic Self-Efficacy
Rayya Gordon
Faculty Advisor: Dr. Courtney Banks

Were We Great Before: An Analysis of the Allure of Antiquity and its Implications in American Media
Treston Smith
Faculty Advisor: Dr. Jeff Littlejohn

Guelaguetza
Jazmin Palacios
Faculty Advisor: Dr. Charles Heath
Justifying Fraud in the 1880s: The Case of Nellie Bly  
Brittany Minor  
Faculty Advisor: Dr. Ervin Malakaj

Preservation of a Dying Culture: A Study of the German Language Poetry of the Sorbian/Wendish people  
Samantha Hunt  
Faculty Advisor: Dr. Ervin Malakaj

Shell Middens on the Coast  
Jennifer Lopez  
Faculty Advisor: Dr. Charles Heath

Spanish Satirist Fights Fascism: An Analysis of Aurelio Pego’s Chronicles Denouncing Francisco Franco  
Rachael Varner  
Faculty Advisor: Dr. Montse Feu

The Great Ball Court-History of Mesoamerica  
Ashley Foster  
Faculty Advisor: Dr. Charles Heath

The Grolier Codex and the Importance of Venus  
Caleb Zavala  
Faculty Advisor: Dr. Charles Heath

The Lynching of Joe Winters  
Sarah Clark  
Faculty Advisor: Dr. Jeff Littlejohn

The Spearthrower Owl of Teotihuacan  
Allison Faith  
Faculty Advisor: Dr. Charles Heath

The Unexpected Agency: A Commodity Chain Analysis of Sulphur in Latin America  
Alexander Dodd  
Faculty Advisor: Dr. Charles Heath

Tlatelolco Massacre  
Tyler Pointer  
Faculty Advisor: Dr. Charles Heath

Volkswagen de México: The Two Symbolic Vehicles  
Chloe Henze  
Faculty Advisor: Dr. Charles Heath

Warrior Cults of the Aztec Empire  
Eli Addams  
Faculty Advisor: Dr. Charles Heath

What Is Disrespect to the Flag?  
Maria Hendrickson  
Faculty Advisor: Dr. Jeff Littlejohn

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

Pombo: Gift of Literature to the Colombian Children  
Claudia Oviedo  
Faculty Advisor: Dr. Debra Andrist

Recovering and Analyzing Aurelio Pego’s Antifascist Chronicles  
Cesar Cantu  
Faculty Advisor: Dr. Montse Feu

Sandra Cisneros  
Ashley Foster  
Faculty Advisor: Dr. Jeff Littlejohn

The Confluence of New Mexico: Navajo and Chimayo Weavings  
Noemi Monjaras, Beatriz Zapata  
Faculty Advisor: Dr. Jeff Littlejohn

The Importance of Body Movement in Animation  
Sara McClanahan  
Faculty Advisor: Dr. Barbara Kaminska
Session D
3:00-4:20

ROOM 206 Medieval and Victorian Literature

The Love Triangle of Tristan and Isolde
Joseph Brunson
Faculty Advisor: Dr. Ervin Malakaj

The Various Depictions of King Arthur in Literature
Cassidy Harkins
Faculty Advisor: Dr. Paul Child

Crossing Lines: Middlemarch and Victorian Women as Heirlooms
Kylee Windham
Faculty Advisor: Dr. Audrey Murfin

George Eliot’s Divergence from Wollstonecraftian Feminism
Margaret Hageman
Faculty Advisor: Dr. Audrey Murfin

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
Faculty Advisor: Dr. Heather Evans

Fake News in My Social Circle: A Tour
Keira Tademy
Faculty Advisor: Dr. Ervin Malakaj

The Feminism Stalls: How a Lack of Communication between Branches has led to Media Vilification
Kaitlyn Niederstadt
Faculty Advisor: Drs. James Stykes and Emily Cabaniss

GTA and the Moral Panic about Video Games
Clayton Hill
Faculty Advisor: Dr. Zachary Doleshal

ROOM 226 Disability Studies

Dis(abilities) are not Always What They Seem
Sydney Caldwell, Alexandria Burns
Faculty Advisor: Dr. Nancy Stockall

Siblings with Disabilities and the Effect on the Decision to Become a Teacher
Sarah Gilbert
Faculty Advisor: Dr. Leena Landmark
**Session D**

3:00-4:20

**ROOM 232**  
**Film**

*Film Noir*
   - Alex Copeland, Zachary Shafer, Sarah Deitrich, Jeff Watkins, Chase Bennett  
   Faculty Advisor: Elisa Hermann

*A Recipe For Success - Making a Student Short Film*
   - Jordan Brown  
   Faculty Advisor: Elisa Herrmann

*Gibbs on Gibbs*
   - James Mills, Zach Livingood, Jason Smith, Stephanie Whitehead, Reneshia Gilder  
   Faculty Advisor: Elisa Herrmann

**ROOM 242A**  
**EURECA FAST Grants**

*Animation Pipeline for Sam Houston: A Texas Hero*
   - Orlanda Dillard, Lee Contreras  
   Faculty Advisor: Melissa Glasscock

*The Confluence of New Mexico: Navajo and Chimayo Weavings*
   - Beatriz Zapata, Noemi Monjaras  
   Faculty Advisor: Melissa Glasscock

*When Childhood Abuse Relates to Externalizing Behavior Problems Among Immigrant High School Students: Examining the Role of Peer Attachment*
   - Yessica Colin  
   Faculty Advisor: Dr. Amanda Venta

*Visualization of Neural Codes*
   - Alexander Farrack  
   Faculty Advisor: Dr. Luis Garcia Puentes
The Honors College Ambassadors would like to thank our faculty moderators for taking the time to share their expertise with our student scholars.

Debra Andrist
Tracy Bilsing
Maria Botero
Harry Butler
Jeannette Carlson
Danhong Chen
Jin Young Choi
Madhusudan Choudhary
Montse Feu
Jessica Herzogenrath
Maria Holmes
Barbara Kaminska

Leena Landmark
Nick Lantz
Tanya Lira
Jeff Littlejohn
Ervin Malakaj
Shyam Nair
Zachary Pierce
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Mike Vaughn
Grant Wiedenfeld
Researching Today...Changing the World Tomorrow