

Honors Independent Projects Based on When Presented (formerly called Senior Projects)  
(Alphabetical by Student Name)  
(As of, and includes, Spring 2025 – May 16, 2025)

Note: The first Honors College Senior Projects were presented by those graduating in Spring 2013. It is a requirement for all subsequent seniors.

Acevedo, Brissa (Chemical Engineering)

Renewable Energy: Climate Change Mitigation

Project Faculty Advisor: Dr. Nirmal Goswami

Presented: Honors College Symposium, November 19, 2022

Agbonika, Itohan (Natural Gas Engineering)

Unified Fracture Design for Unconventional Reservoirs

Project Faculty Advisor: Dr. Alberto Lopez Manriquez

Presented: Honors College Symposium, November 23, 2019

Aguirre, Isabella (Environmental Engineering)

Automatic Blowdown Controller – Water Treatment Management

Project Faculty Advisor: Dr. Breanna Bailey

Presented: Honors College Symposium, April 30, 2016

Alagbe, Tomisin (Geology)

An Integrated Geological and Geophysical Investigation of a Petroleum-Rich Reservoir,  
South Texas

Project Faculty Advisor: Dr. Robert Schneider

Presented: Honors College Symposium, April 27, 2018

Alaskari, Al Muntaser (Biomedical Sciences)

Alcohol Addiction and Its Impact on Human Body

Project Faculty Advisor: Dr. Sohel Quazi

Presented: Honors College Symposium, April 30, 2016

Alba, Beatriz (Betty) (Architectural Engineering)

Earthquake Engineering: Three-story Building Structural Analysis

Project Faculty Advisors: Dr. Breanna Bailey and Dr. Francisco Aguiñiga

Presented: Honors College Symposium, April 8, 2017

Alfaro, Daniel (Civil Engineering)

TXDOT Summer Internship

Project Faculty Advisor: Dr. Mohammed Faruqi

Presented: Honors College Symposium, November 19, 2022

Ali, Jihad (Biomedical Sciences)

Human Nicotinic Acetylcholine Receptor  $\alpha 4/\beta 2$  Chimeric Subunit Expressed  
in *Xenopus Laevis* Oocytes

Project Faculty Advisor: Dr. Ayman K. Hamouda (Irma Lerma Rangel School of  
Pharmacy)

Presented: Honors College Symposium, July 18, 2016

Almazan, Alexandra (Animal Science)

The Potential in Utilizing Predacious Fungi as a Means of Control in Gastrointestinal  
Nematode Infections in Ruminants

Project Faculty Advisor: Dr. Randy Stanko

Presented Honors College Symposium, November 4, 2017

Alsop, Carson (Environmental Engineering)

Ammonia Recovery from Wastewater for Reuse as a Fertilizer Additive

Project Faculty Advisor: Dr. Lucy Camacho

Presented: Honors College Symposium, April 30, 2016

Ambriz, Brittany (Communication Sciences and Disorders, and Sociology - Dual Majors)

Speech and Language Techniques in Early Childhood

Project Faculty Advisor: Dr. Alan Seitel

Presented: Honors College Symposium, April 26, 2014

Ambriz, Jamie Alexandria (Kinesiology - Exercise Science)

A Randomized Crossover Trial Comparing the Effects of Resistance Exercise to Aerobic  
Exercise on Cognitive Processing Speed in Young Adults

Project Advisor: Dr. Amber Shipherd

Presented: Honors College Symposium, April 9, 2022

Angelico, Lindsey (Kinesiology)

The Effects of Myofascial Release on a Variety of Injuries and Pain Condition,  
Both Chronic and Acute

Project Faculty Advisor: Dr. Amber Shipherd

Presented: Honor College Symposium, November 3, 2018

Applewhite, Khrisgina (Biomedical Sciences)

Slave Medicine

Project Faculty Advisor: Dr. Dean Ferguson

Presented: Through Blackboard Collaborate on April 9, 2020

Arellano, Clarissa L. (Chemical Engineering)

Citgo Project: Injection of a Heavy Mole Weighted Gas to Prevent Compressor Surge

Project Faculty Advisor: Dr. Matthew Alexander

Presented: Honors College Symposium, April 30, 2016

Arvizu, Cecilia (Social Work)

CASA Internship

Project Advisor: Professor Crystal Garcia

Presented: Honors College Symposium, May 2, 2022

Ayala, Andrew C. (Biomedical Sciences)

Literature Review: Effects of Competition on Antibiotic Resistant Bacteria

Project Faculty Advisor: Dr. Richard Laughlin

Presented: Through Blackboard Collaborate on April 13, 2020

Balderas, Joseph (Mathematics)

Exploring Different Algorithms for Computing Nash Equilibria

Project Faculty Advisor: Dr. Aden Ahmed

Presented: Through Blackboard Collaborate on November 13, 2020

Balderas, Olivia (Chemical Engineering)

Propylene to Isopropanol

Project Advisor: Dr. Matthew Alexander

Presented: Honors College Symposium, April 9, 2022

Balogh, Jina (Civil Engineering)

Aeration & Beautification of Dick Kleberg Park

Project Faculty Advisor: Dr. Pat Leelani

Presented: Honors College Symposium, April 26, 2014

Balzen, Cody (Chemical Engineering)

Natural Gas Sweetening

Project Faculty Advisor: Dr. Carl David Murphy

Presented: Honors College Symposium, April 26, 2014

Banks, Deshawn (Biomedical Sciences)

Excitotoxin Induced Aggregation of Polyglutamine (Poly Q) in Drosophila (Fruit Flies)

Project Faculty Advisor: Dr. Rudolf Bohm

Presented: Honors College Symposium, April 30, 2016

Barboza, Illiana I. (Criminology)

The Effectiveness of Specialized Treatment Programs for Detained Juveniles in Texas

Project Faculty Advisor: Dr. Barbara Cooke

Presented: Honors College Symposium, April 30, 2016

Barker, Cody (Geology)

Interpreting Well Cores from the Llano Uplift

Project Faculty Advisor: Dr. Thomas McGehee

Presented: Honors College Symposium, April 22, 2013

- Barrera, David (Political Science and History - Dual Major)  
The Seasonal Variation in Crime  
Project Faculty Advisor: Dr. Travis Braidwood  
Presented: Honors College Symposium, November 4, 2017
- Barrera, Melanie (Chemical Engineering)  
An Industry Analysis of Continuing Education Programs  
Faculty Project Advisor: Ms. Sue Nichols  
Presented: Honors College Symposium, July 12, 2019
- Barrera, Regina (Architectural Engineering)  
Architectural and Engineering Documentation of Historic Buildings and Sites  
Project Advisor: Professor James J. Glusing  
Presented: Honors College Symposium, April 9, 2022
- Barrera, Robyn (Computer Science)  
Data to Defense: Utilizing NLP for Real-Time Cyber Threat Detection  
Project Advisor: Dr. George Toscano  
Presented: Honors College Symposium, November 20, 2024
- Barrow, Steven Wyatt (Mechanical Engineering)  
Design and Selection Process of Aluminum Forms for an Unmanned Aerial Vehicle  
Project Faculty Advisor: Dr. Selahattin Ozelik  
Presented: Through Blackboard Collaborate on April 7, 2020
- Beers, Sarah (Geology)  
Evidence of Precambrian Organic-rich Shales in a Granitic Pegmatite,  
Llano County, Texas  
Project Faculty Advisor: Dr. Mark T. Ford  
Presented: Honors College Symposium, May 2, 2015
- Belew, Mark (Biology)  
Obtaining Venom for NNTRC Experiments  
Project Faculty Advisor: Dr. Elda Sanchez  
Presented: Honors College Symposium, November 23, 2019
- Betancourt, Ixchel (Music Education with Teaching Certification and Music Performance–Jazz – Dual Majors)  
Jazz: The Mother of Hip Hop - How One Genre Inspired Another  
Project Advisor: Dr. Thomas Ziinniger  
Presented: Honors College Symposium, November 13, 2021
- Bhakta, Snehaben (Electrical Engineering)  
Citgo Automatic Blowdown Controller  
Project Faculty Advisor: Dr. Breanna Bailey  
Presented: Honors College Symposium, April 30, 2016

Bhakta, Sonam (Biomedical Sciences)

Identification of the Down and Out Gene Transcriptional Start Site

Project Faculty Advisor: Dr. Enrique Massa

Presented: Honors College Symposium, April 22, 2013

Bhakta, Yash (Chemical Engineering)

Production of Ethyl Acetate Economics

Project Faculty Advisor: Dr. Matthew L. Alexander

Presented: Honors College Symposium, July 27, 2018

Blankenship, Devon (Criminology)

Law Enforcement and Civilian Relationship, Differences, and Interactions

Project Faculty Advisor: Dr. William McClendon

Presented: Honors College Symposium, November 19, 2022

Boniface, Megan (Biomedical Sciences)

Conceptualizing Disabilities: Exploring Ethnic Differences in the Perception and Attitudes of Disabilities

Project Faculty Advisor: Dr. Christine Reiser Robbins

Presented: Honors College Symposium, November 4, 2017

Boudreaux, Amee (Biomedical Sciences)

Procyon Lotor Microbiome Isolates in Antibiotic Resistance

Project Faculty Advisor: Dr. Richard Laughlin

Presented: Through Blackboard Collaborate on March 24, 2021

Brady, Rebecca (English with Teaching Certification)

The Fetishization of Innocence Depicted in the Female Image: A Comparative Analysis of Robert Browning's "My Last Duchess" and Angela Carter's "The Bloody Chamber"

Project Advisor: Dr. Pamela Wright

Presented: Honors College Symposium, November 13, 2021

Bragg, Courtney (Chemical Engineering)

Citgo Capstone – Unibon Recycle Gas Injection Option

Faculty Project Faculty Advisor: Dr. Matthew Alexander

Presented: Honors College Symposium, April 30, 2016

Briseno, Britnie (Animal Science)

Animal Care – Birds

Faculty Project Advisor: Dr. Randy Stanko

Presented: Honors College Symposium, October 7, 2023

- Brock, Samantha (Chemistry)  
Chemistry in Secondary Education  
Project Faculty Advisor: Dr. Mauro Castro  
Presented: Honors College Symposium, November 23, 2019
- Brooks, Emily (Interdisciplinary Studies)  
Effective Reading Instructional Strategies for Students with Learning Disabilities  
Project Faculty Advisor: Dr. Monica Wong-Ratliff  
Presented: Honors College Symposium, May 1, 2017
- Brooks, Sophia (Biology with Teaching Certification)  
Learning through a Pandemic: An Analysis of Education  
Project Faculty Advisor: Dr. Cynthia Flores  
Presented: Honors College Symposium, November 13, 2021
- Brou, François (Finance)  
Continental and National Differences in the Financial Ratios of Investment Banking Companies: An Application of the Altman Z Model  
Project Faculty Advisor: Dr. Thomas Krueger  
Presented: Honors College Symposium, November 21, 2015
- Broussard, Emma (Animal Science)  
Analysis of Feed Concentrates Used for Ruminants, Monogastrics, and Pseudo-ruminants  
Project Faculty Advisor: Dr. Natasha Bell  
Presented: Honors College Symposium, July 27, 2018
- Brown, Kelsey (Kinesiology)  
Student Perceptions: Does the P.E. Teacher Portray a Positive Role Model for Students to be Physically Active and Lead a Healthy Lifestyle?  
Project Faculty Advisor: Dr. Lorraine Killion  
Presented: Honors College Symposium, November 22, 2014
- Brown, Nicholas (Nick) (History and Political Science – Dual Majors)  
"Convinced of a Vast Conspiracy:" Richard Burtzell, Michael Corrigan, and the Ideological Battle for Catholicism  
Project Faculty Advisor: Dr. Ian Aebel  
Presented: Honors College Symposium, May 2, 2015
- Browning, Kristian L (Communication Sciences and Disorders)  
Speech and Language Disorders in Children with Spina Bifida  
Project Faculty Advisor: Dr. Zack Watson  
Presented: Honors College Symposium, April 22, 2013

Bryan, Charmin (Communication Sciences and Disorders)  
Measuring the Efficacy of Auditory Verbal Therapy in Children with Hearing Loss  
Project Faculty Advisor: Dr. Angel Ball  
Presented: Honors College Symposium, April 8, 2017

Bullion, Michael (Civil Engineering)  
TxDOT – Internship Experience  
Project Faculty Advisor: Dr. Fouzieh Rouzmehr  
Presented: Honors College Symposium, October 7, 2023

Bustamante, Amanda (Mechanical Engineering)  
Impact of Internships: The Ramifications toward Engineering Students' Success  
Project Faculty Advisor: Dr. Sangsoo Le  
Presented: Honors College Symposium, November 16, 2016

Canales, Grace (Education with Core-Subjects EC-6 Certification)  
Effective Instructional Strategies for Fractions: Perspectives of In-Service Elementary Teachers  
Project Faculty Advisor: Dr. Monica Wong-Ratcliff  
Presented: Honors College Symposium, April 6, 2024

Cantu, Michael (Chemical Engineering)  
Creating Intercellular Hierarchy through Stem Cell Data  
Project Faculty Advisor: Dr. Nazmul Rahmani  
Presented: Honors College Symposium, November 23, 2019

Cantu, Sanora (Psychology)  
The Anthropology of Chili Peppers  
Project Faculty Advisor: Dr. Christine Reiser Robbins  
Presented: Honors College Symposium, November 20, 2024

Cappadona, Justin (Chemical Engineering)  
Summer Internship Experience in Laredo  
Project Faculty Advisor: Dr. Joseph Amaya  
Presented: Honors College Symposium, October 7, 2023

Carbajal, Aaron (Communications)  
Process of Directing a Play  
Project Faculty Advisor: Dr. Patrick Faherty  
Presented: Honors College Symposium, November 20, 2024

Cardona, Eric (Biomedical Sciences)  
Effects of Outlet Artery Length Variations on Simulated Aneurysm Hemodynamics  
Project Faculty Advisor: Dr. Simona Hodis  
Presented: Honors College Symposium, April 27, 2019

- Carrillo, Nora I. (Animal Science)  
Learning Module on the Human-Animal Bond and Assistance Animals  
Project Faculty Advisor: Dr. Jason Apple  
Presented: Through Blackboard Collaborate, July 24, 2020
- Castro, Alexis (Biomedical Sciences)  
Diabetes Risk Management and Drug Therapies  
Project Faculty Advisor: Dr. Joan Everett-Houser  
Presented: Honors College Symposium, May 2, 2015
- Cavazos, Arlene (Marketing)  
Impact of Social Media on Consumer Behavior  
Project Faculty Advisor: Dr. John Cicala  
Presented: Honors College Symposium, April 27, 2019
- Cavazos, Omar (Mechanical Engineering)  
Intraocular Pressure Sensor  
Project Faculty Advisor: Dr. Choongbae Park  
Presented: Honors College Symposium, November 4, 2017
- Chapa, Benjamin (Geology)  
Mapping Fractures at TAMUK  
Project Advisor: Dr. Veronica Sanchez  
Presented: Honors College Symposium, April 1, 2023
- Chapa, Roxanne (Communication Sciences and Disorders)  
Velopharyngeal Closure Importance and the Differences in Normal Plates  
and Cleft Palates  
Project Faculty Advisor: Dr. Lakshmi Kollara Sunil  
Presented: Honors College Symposium, April 29, 2019
- Chapa, Jr., Jaime Miguel (Psychology)  
Possible World Semantics & Conceptual Acrobatics: Narrowing the Explanatory Gap  
of Consciousness  
Project Faculty Advisor: Dr. Jeff Glick  
Presented: Honors College Symposium, November 19, 2016
- Chavarria, Jorge (Animal Science)  
Leptin Influences Angiogenic Hormone Expression in Adipose Tissue  
Project Faculty Advisor: Dr. Michelle Garcia  
Presented: Honors College Symposium, April 27, 2018
- Chavez, Michael (Accounting)  
The Impact of COVID-19 on Supply Chains  
Project Faculty Advisor: Dr. Francisco Haces-Fernandez  
Presented: Through Blackboard Collaborate on November 11, 2020



Chi, Benjamin (Chemistry)

Decarboxylative Sonogashira Coupling with Diazonium Salts: A Novel Aryl  
Coupling reaction

Project Faculty Advisor: Dr. Jason Abrams

Presented: Honors College Symposium, April 27, 2019

Chi, Crystal (Chemistry)

NSF-REU Summer Research: Clarkson University and Texas A&M University

Project Faculty Advisor: Dr. Mauro Castro

Presented: Through Blackboard Collaborate on April 3, 2020

Chukwu, Gladden Nkesi (Chemical Engineering and Mathematics – Double Degrees – different  
colleges)

Production of Ethylene Glycol

Project Faculty Advisor: Dr. Matthew Alexander

Presented: Honors College Symposium, April 27, 2019

Church, Victoria (Psychology)

Seven Deadly Sins: To What Extent is a Vice Condemned?

Project Faculty Advisor: Dr. Richard L. Miller

Presented: Honors College Symposium, December 10, 2014

Cissna, Sydnee (Marketing)

Water Resource Management Issues: Characterization of the Nueces River Watershed

Project Faculty Advisor: Dr. Benjamin Turner

Presented: Honors College Symposium, November 4, 2017

Clancy, Elizabeth (Mechanical Engineering)

The Process of a City Project

Project Faculty Advisor: Dr. Larry Peel

Presented: Honors College Symposium, May 2, 2015

Collins, Hunter (Mechanical Engineering)

Supplementing Engineering Knowledge through Switzerland Study Abroad

Project Faculty Advisor: Dr. Reza Nekovei

Presented: Honors College Symposium, April 30, 2025

Coronado, Dalenisa (Biomedical Sciences – Pre-Medicine)

National Student Exchange (NSE) v Study Abroad

Project Advisor: Mrs. Melissa Alegria Lopez

Presented: Honors College Symposium, April 30, 2025

Coronado, Zariela (Mechanical Engineering)

Mitigating Dust in Lunar Habitats

Project Faculty Advisor: Dr. Rajashekar Mogiligidda

Presented: Honors College Symposium, April 30, 2025

Cortez, Coryfrancis (Communication Sciences and Disorder, and Psychology – Dual Majors)  
Comparing Brain Lesions and Word-Level Writing in Two Individuals  
with Global Aphasia

Project Faculty Advisor: Dr. Angel Ball

Presented: Honors College Symposium, April 26, 2014

Cortez, Jr., Jose (Joey) (Range and Wildlife Management)

Effect of Grazing and Soil types on Forb Production in South Texas

Project Faculty Advisor: Dr. Alfonso Ortega-Santos

Presented: Honors College Symposium, November 4, 2017

Costley, Talitha (Civil Engineering)

Transforming Kingsville in 15 Years – Rangel Park

Project Faculty Advisor: Dr. Pat Leelani

Presented: Honors College Symposium, April 26, 2014

Cruces, Saul (Mechanical Engineering)

Safety Methodologies for a Counter Balanced Hydraulic Pumping Unit

Industry Advisor: Dr. Chris Cox

Project Faculty Advisor: Professor Daniel Wright

Presented: Honors College Symposium, May 2, 2015

Cruz, Elisa (Biomedical Sciences and Chemistry – Dual Majors)

Promoter Analysis of the gRICH70 Gene: Deletion of Sp1, a Phylogenetically  
Conserved Element

Project Faculty Advisor: Dr. Rafael Perez-Ballesteros

Presented: Honors College Symposium, May 2, 2015

Cruz, Joseph (Criminal Justice)

TAMUK's Campus in the Scope of Crime Prevention Through Environmental  
Design (CPTED)

Project Faculty Advisor: Dr. James Plank

Presented: Honors College Symposium, September 29, 2023

Cruz, Melissa (Biomedical Sciences)

Design of a CRISPR Epitope Tag Knock-in into Pumilio

Project Advisor: Dr. Rudolf Bohm

Presented: Honors College Symposium, April 9, 2022

Cruz Mendoza, Mariée (Industrial Management and Applied Engineering Technology)

Investigation of Sea Water Salinity Variation and Its Correlation with  
Wave Energy Behavior in the Gulf of Mexico

Project Faculty Advisor: Dr. Hua Li

Presented: Honors College Symposium, November 3, 2018

- Cuellar, Ricardo (Mechanical Engineering)  
 Engineering in Public Utilities  
 Project Faculty Advisor: Dr. Rajashekar Mogiligidda  
 Presented: Through Blackboard Collaborate on March 25, 2021
- Darr, Brandon (Architectural Engineering)  
 Engineering Challenges in a Third World Country  
 Project Faculty Advisor: Dr. Stephan Nix  
 Presented: Honors College Symposium, November 19, 2016
- Davis, Megan (Biomedical Sciences)  
 The Microbiome of *Drosophila melanogaster*  
 Project Faculty Advisor: Dr. Maria Velez-Hernandez  
 Presented: Through Blackboard Collaborate on April 7, 2020
- Davison, Su-Yin P. (Animal Science)  
 Animals and National Identity: How Bhutan Explains Life  
 Project Faculty Advisor: Dr. Nirmal Goswami  
 Presented: Through Blackboard Collaborate on April 6, 2020
- De Angeli, Kevin (Mathematics)  
 Programming the Perfect Nim AI Player: A Comparison between a Reinforcement Learning Algorithm and a Genetic Algorithm  
 Project Faculty Advisor: Dr. Aden Ahmed  
 Presented: Honors College Symposium, April 27, 2019
- De La Garza, Miranda (Environmental Engineering)  
 Background Characterization and Isotope Additives for Increased Proliferation  
 Project Faculty Advisor: Dr. Lucy Camacho  
 Presented: Honors College Symposium, November 23, 2019
- De La Paz, Reina (Chemistry)  
 Systemic Effects of Hemorrhagic Snake Venom: Exploration into the Degradome of Plasma Proteins  
 Project Faculty Advisor: Dr. Elda Sanchez  
 Presented: Honors College Singular Symposium, June 27, 2022
- De Los Santos, Christopher (Chemical Engineering)  
 Thio-Bromo Click Reactions  
 Project Faculty Advisor: Dr. Christopher E. Hobbs  
 Presented: Honors College Symposium, April 30, 2016
- De Los Santos, Mariah A. (Criminology)  
 The Use of Acupuncture, a Traditional Chinese Healing Practice, in the U.S.  
 Project Faculty Advisor: Dr. Christine Reiser Robbins  
 Presented: Through Blackboard Collaborate on April 13, 2020

- De Urioste, Daniela (Dani) (Political Science and History – Dual Majors)  
Incorporating Sustainability Principles into Early Childhood Education:  
Lessons from Bhutan  
Project Faculty Advisor: Dr. Nirmal Goswami  
Presented: Honors College Symposium, August 1, 2013
- DeFrees, Amanda (Communications)  
The Evolution of Media  
Project Faculty Advisor: Dr. Nicole Morris  
Presented: Through Blackboard Collaborate on July 19, 2021
- Deyhim, Niaz (Biomedical Sciences)  
Pharmacogenomic Treatment of Neuropsychiatric Illnesses and Disorders  
Project Faculty Advisor: Dr. Elda Sanchez  
Presented: Honors College Symposium, July 28, 2014
- Dhillon, Jasreen (Animal Science)  
Ecological Impacts of Tourism in Belize, One Health, and Conservation Efforts  
Project Faculty Advisor: Ms. Christine Hoskinson  
Presented: Honors College Symposium, October 7, 2023
- Diallo, Boukary (Accounting)  
Introducing a Rolling Highway in the United States: A Case Study  
Project Faculty Advisor: Dr. Hans Schumann  
Presented: Honors College Symposium, April 30, 2016
- Diaz, Ashley (History and Political Science – Dual Majors)  
Voting Trends of Presidential Elections in Texas: 2008-2020  
Project Faculty Advisor: Dr. Nirmal Goswami  
Presented: Through Blackboard Collaborate on March 24, 2021
- Dimock, Dylan (Psychology)  
Detection of Inaccurate Information: Early V.S. Late in Questions using  
Eye-tracking Technology  
Project Faculty Advisor: Dr. Brenda Harmon  
Presented: Honors College Symposium, November 21, 2015
- Dimitrovska, Marija (Information Systems)  
A Study of Online Marketing Approaches Used to Recruit Student-Athletes  
Project Faculty Advisor: Dr. John Cicala  
Presented: Honors College Symposium, June 22, 2015

Dinn IV, James (Biomedical Sciences)

Preparation and Characterization of Nano-materials Applied in the Biological Field  
for Water Purification

Project Faculty Advisor: Dr. Sajid Bashir

Presented: Honors College Symposium, April 26, 2014

Durham, Paul (Mechanical Engineering)

A Trial of Time in a Roller Coaster Pinewood Derby Track

Project Faculty Advisor: Dr. Larry Peel

Presented: Honors College Symposium, November 22, 2014

Eborn, Megan (Music Performance with an Emphasis in Piano Pedagogy)

Beginner Piano Methods: An Explorative and Comparative Study

Project Advisor: Dr. Joachim Reinhuber

Presented: Honors College Symposium, April 9, 2022

Eiland, Jennifer (Jenn) (History)

Indian-ness: Understanding the Historical and Contemporary Struggles Experienced  
by American Indians through the Lens of the Body, and Concepts of Individual and  
Cultural Identity

Project Faculty Advisor: Dr. Christine Reiser Robbins

Presented: Honors College Symposium, May 11, 2015

Elenwo, Chimenum Glory (Civil Engineering)

Renovation of Dick Kleberg Park Parking Lot

Project Faculty Advisor: Dr. Pat T. Leelani

Presented: Honors College Symposium, April 27, 2019

Elizondo, Amber (Biomedical Sciences)

The Benefits of Holding an Undergraduate Research Position on Undergraduate Students

Project Faculty Advisor: Dr. Kim McCuiston

Presented: Honors College Symposium, November 22, 2014

Elsworth, Jeffrey (Geology)

Texas Cretaceous Carbonate Foraminifera: Correlating Formations Using Foraminifera –  
Can It Be Simplified?

Project Faculty Advisor: Dr. John Buckley

Presented: Honors College Symposium, July 28, 2014

Escobar-Ellison, Belize (Chemical Engineering)

Permitting Emergency Fire Water Pump Engines

Project Faculty Advisor: Dr. Breanna Bailey

Presented: Honors College Symposium, April 27, 2019

Esparza, Aida (Architectural Engineering and Civil Engineering, Dual Majors)

Subdivision Layout Process

Project Faculty Advisor: Dr. Francisco Aguiniga

Presented: Honors College Symposium, November 19, 2022

Espinosa, Bianca (Communication Sciences and Disorders)

Bilingual Anomic Aphasia – Sentence Intelligibility

Project Faculty Advisor: Dr. Angel Ball

Presented: Honors College Symposium, November 22, 2014

Esqueda, Lauren A. (Biomedical Sciences)

Changes in Courtship Behavior in Fruit Flies with Germ-free Gut

Project Faculty Advisor: Dr. Maria Velez-Hernandez

Presented: Through Blackboard Collaborate on April 6, 2020

Estrada, Monica (Geology)

Past-mineralization in Limestones in the Hye, Texas Area Shows Early Diagenesis of the Upper Cap Mountain Member

Project Faculty Advisor: Dr. Thomas McGehee

Presented: Honors College Symposium, April 8, 2017

Etheridge, Denise (Chemical Engineering)

The Dehydration of Methyl Acetate

Project Faculty Advisor: Dr. Carl David Murphy

Presented: Honors College Symposium, May 2, 2015

Fakolade, Whitney (Biomedical Sciences)

Epigenetic Regulation in Human Ovarian Cancer

Project Faculty Advisor: Dr. Chang Sung

Presented: Honors College Symposium, November 19, 2016

Falade, Omolara (Biomedical Science)

Gold Nanoparticle for Cancer Treatment

Project Faculty Advisor: Dr. Sajid Liu and Dr. Jingbo Liu

Presented: Through Blackboard Collaborate on July 19, 2021

Fisher, Michael (Biomedical Sciences)

C-Type Lectin Research

Project Faculty Advisors: Dr. Elda Sanchez and Mr. Esteban Cantu

Presented: Honors College Symposium, April 22, 2013

Flaniken, Cassandra (Chemistry)

Catalytic Hydroamination of Alkenes

Project Faculty Advisor: Dr. Christine Hahn

Presented: Honors College Symposium, May 2, 2015

Fleming, Tiffany (Animal Science)  
 CRY5B as a Possible Anthelmintic for Goats  
 Project Faculty Advisor: Dr. Randy Stanko  
 Presented: Honors College Symposium, November 19, 2016

Fletcher, Lacey (Accounting)  
 Analysis of Financial Statement of a Public Company - AT&T, Inc.  
 Project Faculty Advisor: Dr. Kendra Huff  
 Presented: Honors College Symposium, April 14, 2018

Flores, Claudia M. (Chemical Engineering)  
 History of U.S. Environmental Air Regulations in the Chemical and Refinery Industries  
 Project Faculty Advisor: Dr. Matthew Alexander  
 Presented: Through Blackboard Collaborate on April 3, 2020

Frakes, Kaitlin D. (Finance)  
 Lesser-Known Derivatives: History and Significance to Consumer Markets  
 Project Faculty Advisor: Dr. William Procasky  
 Presented: Through Blackboard Collaborate on November 12, 2020

Fuchs, Kelsey (Chemical Engineering)  
 It's Not Just Math: The Importance of Soft Skills for Engineers  
 Project Faculty Advisor: Dr. Matthew Alexander  
 Presented: Honors College Symposium, May 9, 2019

Fuentes, Jacqueline (Architectural Engineering)  
 Design of the Electrical System of a Museum Space Exhibit  
 Project Faculty Advisor: Dr. Xiaoyu Liu  
 Presented: Honors College Symposium, April 30, 2016

Gallegos, Mauricia T. (Biomedical Sciences and Chemistry - Dual Majors)  
 The Chemical History of Color  
 Project Advisor: Dr. Christine Hahn  
 Presented: Honors College Symposium, April 9, 2022

Gallegos, Sydney (Music Education with Teaching Certification)  
 David Popper: Life and Influence on Cello Pedagogy and Performance  
 Presented: Honors College Symposium, April 6, 2024

Garberding, Matthew (Electrical Engineering)  
 Microcontroller Based Single-Axis Solar Tracking System  
 Project Faculty Advisor: Dr. Selahattin Ozcelik  
 Presented: Honors College Symposium, November 21, 2015

- Garcia, Delisa A. (Biomedical Sciences)  
 CRISPR/CAS9 Therapeutic Methods for Complex Genetic Disorders  
 Project Faculty Advisor: Dr. Haeyoung Kim  
 Presented: Through Blackboard Collaborate on April 3, 2020
- Garcia, Roger C. (Biomedical Sciences and Chemistry - Dual Majors)  
 Effects of Gut Dysbiosis on *Drosophila* Locomotor and Courtship Activity  
 Project Faculty Advisor: Dr. Maria Velez-Hernandez  
 Presented: Through Blackboard Collaborate on April 3, 2020
- Garcia, Stephanie (Biomedical Sciences)  
 Beauty in the Eye of a Fly  
 Project Faculty Advisor: Dr. Rudolf Bohm  
 Presented: Honors College Symposium, April 30, 2016
- Garcia, Trisha M. (Biomedical Sciences)  
 JAMP and My Experience  
 Project Faculty Advisor: Mr. James Eric Winterbottom  
 Presented: Honors College Symposium, November 23, 2019
- Garcia, Victor (Environmental Engineering)  
 Modeling Surface-Groundwater Fluxes in a Region Dependent on Precipitation  
 for Dryland Cropping Systems  
 Project Faculty Advisor: Dr. Jianhong Ren  
 Presented: Honors College Symposium, November 19, 2023
- Garcia-Moses, Zachary (Biomedical Sciences)  
 The Expectations and Realities of Lab: Benefits and Joining Process  
 Project Advisor: Dr. Rudolf Bohm  
 Presented: Honors College Symposium, April 9, 2022
- Garcia Torres, Jacquelyn (Architectural Engineering)  
 Design Development of Assisted Living Facility Center  
 Project Advisor: Dr. Breanna Bailey  
 Presented: Honors College Symposium, April 1, 2023
- Garcia Torres, Maria Raquel (Architectural Engineering)  
 Kleberg County Civic Center: Mechanical Systems in Buildings  
 Project Faculty Advisor: Dr. Hui Shen  
 Presented: Through Blackboard Collaborate on March 24, 2021
- Garza, Anthony (Computer Science)  
 Bioinformatics Effect on the Medical Field  
 Project Advisor: Dr. Hani Girgis  
 Presented: Honors College Symposium, April 9, 2022



- Garza, Frank (Communications and Political Science – Dual Majors)  
 Operating in a Newsroom  
 Project Faculty Advisor: Dr. Manuel Flores  
 Presented: Honors College Symposium, May 2, 2015
- Garza, Icia (Biomedical Sciences)  
 Mutagenesis and Analysis of Transcriptional Regulation of the *Drosophila ether-a-go-go*-like Potassium Channel (DELK) Utilizing the "Plug and Play" Cassette Exchange  
 Project Faculty Advisor: Dr. Enrique Massa  
 Presented: Honors College Symposium, April 27, 2019
- Garza, Gabrielle (Belle) (Communication Sciences and Disorders)  
 Exploring the Relationship of a Novel Application of Grammatical Analysis to Expressive Vocabulary  
 Project Faculty Advisors: Dr. Stephen Oller and Dr. Patricia Huskin  
 Presented: Honors College Symposium, April 26, 2014
- Garza, Jr., Rene R. (Biology)  
 The Evolution of Fat Storage and Usage  
 Project Faculty Advisor: Dr. Christine Reiser Robbins  
 Presented: Through Blackboard Collaborate on April 9, 2020
- Garza, Sarah (Animal Sciences)  
 Let's Go Global: Botswana  
 Project Faculty Advisor: Dr. Nirmal Goswami  
 Presented: Honors College Symposium, April 27, 2019
- Gbenle, Ayomide (Biomedical Sciences)  
 Investigation into PolyQ Expanded Huntingtin Toxicity  
 Project Faculty Advisor: Dr. Rudi Bohm  
 Presented: Honors College Symposium, April 26, 2014
- Gerla, Laura R. (Biomedical Sciences)  
 Transfer and Prevalence of Methicillin Resistant *Staphylococcus aureus* in Local South Texas Shelters  
 Project Faculty Advisor: Dr. Jean Escudero  
 Presented: Honors College Symposium, April 22, 2013
- Glenn, Sierra Aiden Tillman (History and Fine Arts – Dual Majors)  
 A Comparative Analysis of Incarceration: Japanese Americans and the Detention of Asylum Seekers  
 Project Faculty Advisor: Dr. Brenda Melendy  
 Presented: Honors College Symposium, November 23, 2019

- Gloria, Amanda (Biomedical Sciences)  
 Exosome Extraction and Purification  
 Project Faculty Advisor: Dr. Rudolf Bohm  
 Presented: Honors College Symposium, April 8, 2017
- Gnako, Totoh Leslie J. (Jessica) (Chemical Engineering)  
 Ethyl Acetate Production from Ethanol and Acetic Acid  
 Project Faculty Advisor: Dr. Carl David Murphy  
 Presented: Honors College Symposium, April 22, 2013
- Gonzales, Alec (Mechanical Engineering)  
 Impact of Augmented Reality Signal Design in Semi-Autonomous Vehicle Takeover  
 Project Faculty Advisor: Dr. George Toscano  
 Presented: Through Blackboard Collaborate on November 13, 2020
- Gonzalez, Andrea (English)  
 Interpretation Gender Dynamics and Sexuality: Shakespeare's *A Midsummer Night's Dream*  
 Project Faculty Advisor: Dr. Ryan Singh Paul  
 Presented: Honors College Symposium, November 19, 2022
- Gonzalez, Cecilia (Biomedical Sciences)  
 Can the matK Barcode be used to Confirm the Identification of Five Collections of *Bryum argenteum*?  
 Project Faculty Advisor: Dr. Cynthia Galloway  
 Presented: Honors College Singular Symposium, April 8, 2017
- Gonzalez, Dora (Communication Sciences and Disorders)  
 Acoustic Analysis of Voice  
 Project Faculty Advisor: Dr. Christine Bergan-Strange  
 Presented: Honors College Symposium, April 22, 2013
- Gonzalez, Samantha (Marketing)  
 How Graphic Design Has Become Integral to Marketing  
 Project Advisor: Dr. Zhuofan Zhang  
 Presented: Honors College Symposium, April 9, 2022
- Gonzalez, Trevor J. (Biomedical Sciences)  
 Validation of Fatty Acids Regulated Genes in L6 Muscle Cells  
 Project Faculty Advisor: Dr. Yi Li  
 Presented: Honors College Symposium, April 30, 2016

- Granados, Ysenia (Chemical Engineering)  
Agriculture Nutrition Effects of Increased Oil and Gas Activity for the Carrizo-Wilcox Aquifer in the Winter Garden Region in Southwest Texas  
Project Advisor: Dr. Matthew Alexander  
Presented: Honors College Symposium, April 1, 2023
- Green, Emalee (Psychology)  
Effects of Food Intake and Exercise Frequency on Respiratory Sinus Arrhythmia (RSA) During the Tower of London Task  
Project Faculty Advisor: Dr. Dana Byrd  
Presented: Honors College Symposium, November, 22, 2014
- Green, Mitchell (Range and Wildlife Management)  
Population Survey of Turtles at Kleberg Park  
Project Faculty Advisor: Dr. April Conkey  
Presented: Honors College Symposium, November 4, 2017
- Guerra, Larizza (Architectural Engineering)  
Old Brown Book & The Yellow Sub  
Project Faculty Advisor: Mr. James Glusing  
Presented: Honors College Symposium, April 30, 2025
- Guerrero, Benjamin (Mechanical Engineering)  
Drivetrain Improvements to a Multi-Person Human Powered Vehicle  
Project Faculty Advisor: Dr. Mohammad Hossain  
Presented: Honors College Symposium, April 8, 2017
- Guess, Madison (Biomedical Sciences)  
Determination of the pH Dependence of the Tetracycline Monooxygenase (TetX) Reaction  
Project Faculty Advisor: Dr. Kevin Francis  
Presented: Honors College Symposium, November 19, 2022
- Haces-Garcia, Arturo (Electrical Engineering)  
Classifying Human vs. Animal in Border Security Using a Low Power and Low-Cost Convolutional Neural Network Hardware  
Project Faculty Advisor: Dr. David Hicks  
Presented: Honors College Symposium, November 23, 2019
- Haces-Garcia, Francisco (Environmental Engineering)  
Remote Sensing Implementations for Eutrophication Control Policy  
Project Faculty Advisor: Dr. Thomas Lynn  
Presented: Honors College Symposium, November 23, 2019

- Haces-Garcia, Joaquin (Mechanical Engineering)  
The Impact of COVID-19 in the Agri-Food Supply Chain  
Project Faculty Advisor: Dr. Kai Jin  
Presented: Honors College Symposium, October 7, 2023
- Hall, Lauren (Geology)  
The Geology of Southern Morocco as Found During Field Camp  
Project Faculty Advisor: Dr. Patrick Patrock  
Presented: Honors College Symposium, April 27, 2019
- Hamaker, Zachary (Agribusiness)  
Agricultural Sustainability of the Lower Rio Grande Valley  
Project Faculty Advisor: Dr. Benjamin Turner  
Presented: Honors College Symposium, April 27, 2019
- Hannusch, Heather (Range and Wildlife Management)  
Quantifying Urban Sprawl and Habitat Loss for Northern Bobwhite in Texas  
Project Faculty Advisor: Dr. Humberto Perotto  
Presented: Honors College Symposium, November 19, 2016
- Hatcher, Joseph (Chemistry and Biomedical Sciences – Pre-Medicine – Dual Majors)  
Neuroscience and Toxin Research: How Research is Leveraging Meta-data Analysis and Large Data Models  
Project Faculty Advisor: Dr. Ferhat Karaman  
Presented: Honors College Symposium, April 30, 2025
- Hayes, Kelsey (Human Nutrition)  
The Fast Food Addiction  
Project Faculty Advisor: Dr. Farzad Deyhim  
Presented: Honors College Symposium, August 1, 2013
- Haynes, Victoria (Tori) (Range and Wildlife Management)  
Citizen Science Data on Location of White-tailed Deer in Fair Oaks Ranch, Texas  
Project Faculty Advisor: Dr. David Hewitt  
Presented: Honors College Symposium, May 2, 2015
- Heiner, Recca (Animal-Wildlife Veterinary Technology)  
Botswana: Man vs. Nature  
Project Faculty Advisor: Dr. Cariann Galloway-Montesano  
Presented: Honors College Symposium, November 23, 2019

Helmstetler, Alexandra (History)

The Educational Activism of Women in Robstown, Texas

Project Faculty Advisors: Dr. Alberto Rodriguez and Dr. Dean Ferguson

Presented: Honors College Symposium, April 30, 2025

Henderson, Caitlyn (Architectural Engineering)

What is Architectural Engineering?

Project Faculty Advisor: Mr. James Glusing

Presented: Honors College Symposium, April 6, 2024

Hennig, Tyler (Computer Science)

Education Service Center, Region 2 Internship

Project Faculty Advisor: Dr. Avdesh Mishra

Presented: Through Blackboard Collaborate on March 25, 2021

Hernandez, Alexander (Alex) (Electrical Engineering)

Autonomous Lawnmower Software Development

Project Faculty Advisor: Dr. Lifford McLauchlan

Presented: Honors College Symposium, April 14, 2018

Hernandez, Ariel D. (Psychology and History - Dual Majors)

Affect of Social Media Use on Anxiety and Depression

Project Faculty Advisor: Dr. Donald W. Daughtry

Presented: Through Blackboard Collaborate on April 13, 2020

Hernandez, Delia (Human Nutrition)

Primary Age Nutrition and the Impact It has on the Obesity Epidemic

Project Faculty Advisor: Dr. Alexa Smith Carrier

Presented: Honors College Symposium, November 22, 2014

Hernandez, Eduardo (Lalo) (Biomedical Sciences)

Evaluation of Designed and Magnetism of Nanoparticles and Their In Vitro

Cytotoxicity Analyses

Faculty Advisors: Dr. Jingbo Liu and Dr. Sajid Bashir

Presented: Honors College Symposium, April 26, 2014

Hernandez, Emily (Interdisciplinary Studies)

Technology and How Its Use Affects the Modern Day School System

Project Faculty Advisor: Dr. Marie Lassmann

Presented: Honors College Symposium, May 2, 2015

Hernandez, III, Encarnacion (Chon) (Biomedical Sciences)

Cultural Comparison of Native American Healing Methods and Mexican American

Healing Methods and their Increasing Usage in South Texas

Project Faculty Advisor: Dr. Christine Reiser Robbins

Presented: Honors College Symposium, August 1, 2013

Herrera, Daniella (Geology)

Utilizing MODIS Imagery to Analyze the Relationships between the  
Urban Heat Island and Recent Land Use/Cover Change in San Antonio, Texas

Faculty Advisors: Dr. Haibin Su and Dr. Brent Hedquist

Presented: Honors College Symposium, May 2, 2015

Hessek, Kaitlyn (Animal Science)

Bottled Raised Whitetail Fawns

Project Faculty Advisor: Dr. Michael Cherry

Presented: Through Blackboard Collaborate on November 11, 2020

Hewitt, Matthew (Matt) (Range and Wildlife Management)

Determine a Sustainable Harvest Rate for Collared Peccary (*Pecari tajacu*)

Project Faculty Advisor: Dr. Randy DeYoung

Presented: Honors College Symposium, November 4, 2017

Hinojosa, Pricila (Prissy) (Biomedical Sciences)

Manipulation of Adrenergic Receptors in Modern Medicine

Project Faculty Advisor: Dr. Glenn Perrigo

Presented: Honors College Symposium, April 26, 2014

Hlavinka, Avery (Biomedical Sciences)

Influence of Environmental Conditions on *Salmonella* Growth

Project Faculty Advisor: Dr. Richard Laughlin

Presented: Honors College Symposium, November 4, 2017

Houf, William (Chemical Engineering and Chemistry – Double Degrees – different colleges)

Propionic Acid Market and Production Analysis

Project Faculty Advisor: Dr. Patrick Mills

Presented: Honors College Symposium, April 1, 2023

Huebotter, Michaela (Architectural Engineering)

Design of an Event Center Structural System

Project Faculty Advisor: Dr. Breanna Bailey

Presented: Honors College Symposium, April 30, 2016

Isibor, Itohaosa Inemesit Monica (Environmental Engineering)

Developing a Map of Human Alterations Across the World's Floodplains

Project Advisor: Dr. Adnan Rajib

Presented: Honors College Symposium, April 9, 2022

James, Vanessa P. (Chemical Engineering)

Modeling of Natural Fluctuations in Groundwater Concentrations

Project Faculty Advisor: Dr. Matthew Alexander

Presented: Honors College Symposium, November 23, 2019

- Jaso, Myranda (Biomedical Sciences)  
Complementary/Alternative Medicine vs. Biomedicine/Pharmaceuticals in Mexican-American Folk Healing  
Project Faculty Advisor: Dr. Christine Reiser Robbins  
Presented: Honors College Symposium, April 8, 2017
- Jarzombek, Molly (Interdisciplinary Studies)  
The Effect of an Honors College on Retention among First Year Students  
Project Faculty Advisor: Dr. Kim McCuistion  
Presented: Honors College Symposium, November 21, 2015
- Jewett, Evan (Mechanical Engineering)  
Summer Internship at Enflite, Inc.  
Project Faculty Advisor: Dr. Grady Isensee  
Presented: Honors College Symposium, November 19, 2022
- Jimenez, Juan (Music Education with Teaching Certification)  
History of Drum Majors  
Project Faculty Advisor: Dr. John Lopez  
Presented: Honors College Symposium, October 7, 2023
- Joanis, Fabiola (Finance)  
A Better You  
Project Faculty Advisor: Dr. Brent Kinghorn  
Presented: Honors College Symposium, April 30, 2025
- Johnson, Rachel (Biomedical Sciences)  
Characterization and Classification of Castoff Spatter from Various Kitchen Knives  
Project Faculty Advisor: Dr. Cynthia Galloway  
Presented: Honors College Symposium, April 8, 2017
- Jones, Autumn (Biomedical Sciences)  
Using CRISPR to Flip the Front End of *Pumilio*  
Project Faculty Advisor: Dr. Rudolf Bohm  
Presented: Honors College Symposium, July 13, 2023
- Jurica, Cameron (Biomedical Sciences)  
Study of a Novel Venom Protein Recombinant Disintergrin (r-Cam-dis) and Its Fragment (r-Cam-Fg1) on Pancreatic Cancer Metastasis  
Project Faculty Advisor: Dr. Elda Sanchez  
Presented: Honors College Symposium, April 26, 2014
- Kaiser, Richard F. (Animal Science)  
The Effects of Quebracho on Adipose Tissue  
Project Faculty Advisor: Dr. Michelle Garcia  
Presented: Through Blackboard Collaborate on April 6, 2020

- Karki, Bishwash (Electrical Engineering)  
PXE Enhancements, Repository Migration for Microchip Technology Inc.  
Project Advisor: Dr. Rajab Challoo  
Presented: Honors College Symposium, April 9, 2022
- Kendrick, Kyle (Civil Engineering)  
Vernie and Blanche Hubert Field Drainage Repair  
Project Faculty Advisor: Dr. Amir Hessami  
Presented: Honors College Symposium, April 29, 2019
- Kerr, Kristopher (Electrical Engineering)  
Path Finding Robot  
Project Faculty Advisor: Dr. Selahattin Ozcelik  
Presented: Honors College Symposium, May 2, 2015
- Kolbe, Nicholas (Nick) (Range and Wildlife Management)  
Success Rates of Finding White-tailed Deer Fawns using Vaginal Implant Transmitters  
Project Faculty Advisor: Dr. David Hewitt  
Presented: Honors College Symposium, April 22, 2013
- Kurien, Jason (Biomedical Sciences)  
Isolation and Purification of Crotamine from Southern Pacific Rattlesnake  
[*crotalus oreganus helleri*] Venom and Its Effects on Platelet Function  
Project Faculty Advisor: Dr. Elda Sanchez  
Presented: Honors College Symposium, April 26, 2014
- Kyral, Allison (Kinesiology)  
The Effect of Moderate Intensity Aerobic Exercise on Affect and Exercise Intention  
in Active and Inactive College Students  
Project Faculty Advisor: Dr. Amber Shipherd  
Presented: Honors College Symposium, November 3, 2018
- Larson, Carolyn (Spanish with Teaching Certification)  
Heritage Learners in U.S. Public Schools  
Project Faculty Advisor: Dr. Marco Íñiguez-Alba  
Presented: Through Blackboard Collaborate on November 11, 2020
- Le, Anh Nguyen Thuy (Chemistry)  
Detecting Potential Interactions between SALL2 and SOX2  
Project Faculty Advisor: Dr. Chang K. Sung  
Presented: Through Blackboard Collaborate on April 9, 2020
- Leanos, Cecillia (Criminology)  
Facilities and Access in the Texas Department of Criminal Justice  
Project Faculty Advisor: Dr. Joseph Domino  
Presented: Honors College Symposium, April 26, 2014



- Lee, Caleb (Criminology)  
What are Talking Circles and Why do the Citizen Potawatomi Nation use this Method to Resolve Disputes?  
Project Faculty Advisor: Dr. Stan Hodges  
Presented: Honors College Symposium, November 22, 2014
- Limon, Marco A. (Chemistry)  
Hell on Earth: The Fort Bliss Experience  
Project Faculty Advisor: LTC Victor Diaz  
Presented: Through Blackboard Collaborate on April 7, 2020
- Lopez, Audrey (Chemical Engineering)  
Study of Crystal Growth Modifiers  
Project Faculty Advisor: Dr. Matthew Alexander  
Presented: Honors College Symposium, April 30, 2016
- Lopez, Pamela (Music Education with Teaching Certification)  
The Development of Mentoring a Horn Quartet  
Project Faculty Advisor: Dr. Jennifer Sholtis  
Presented: Through Blackboard Collaborate on November 11, 2020
- Lorimer, Jacey (Animal Science)  
Synchronization of Estrus in Beef Cows  
Project Faculty Advisor: Dr. Randy Stanko  
Presented: Honors College Symposium, November 19, 2022
- Lovejoy, Kaylee (Range and Wildlife Management)  
Inventorying Woody Vegetation using Drones in South Texas  
Project Advisor: Dr. Humberto Perotto  
Presented: Honors College Symposium, April 9, 2022
- Lorenzo-Luaces, Michael (Electrical Engineering)  
Occupancy Sensor Design  
Project Faculty Advisor: Dr. Chung Leung  
Presented: Honors College Symposium, April 30, 2016
- Lozano, Audria (Communication Sciences and Disorders)  
Effects of Parenting Styles on Moral Perspectives of Future Parents  
Project Faculty Advisor: Dr. Richard Miller  
Presented: Honors College Symposium, November 13, 2021

Lundin, Courtney (Biomedical Sciences)

The Anti-Proliferation and Apoptosis-Inducing Effects of Disintegrins  
r-Mojastin 1 and r-Viridistatin 2 on CHAGO-K-1 Human Bronchus Carcinoma Cells

Project Faculty Advisor: Dr. Sara Lucena

Presented: Honors College Symposium, April 26, 2014

Luo, Wei (Electrical Engineering)

Smart Water Monitor

Project Faculty Advisor: Dr. Lifford McLauchlan

Presented: Through Blackboard Collaborate on April 8, 2020

Macha, Marissa (Range and Wildlife Management)

Applications of Telemetry in Managing Attwater's Prairie Chickens

Project Faculty Advisor: Dr. Eduardo A. Gonzalez-Valenzuela

Presented: Through Blackboard Collaborate on November 12, 2020

Maier, Alessa (Marketing)

Internship as Immersion Experience

Project Faculty Advisor: Dr. Zhuofan Zhang

Presented: Honors College Symposium, October 7, 2023

Manning, Abigail (Finance)

The Impact of the Derivatives Market

Project Faculty Advisor: Dr. William Procasky

Presented: Honors College Symposium, November 13, 2021

Marroquin, Kaitlyn (Biomedical Sciences)

*Epidermodysplasia verruciformis*

Project Faculty Advisor: Dr. Fang He

Presented: Honors College Symposium, April 9, 2022

Martin, Hilari (Chemical Engineering)

Methyl Acetate and Methanol Separation Towers for the Hydrolysis of Methyl Acetate

Project Faculty Advisor: Dr. Carl David Murphy

Presented: Honors College Symposium, May 2, 2015

Martinez, Christopher L. (Criminology)

*Plata O Plomo*: The Impact of Drug Trafficking on U.S.-Mexico Relations

Project Faculty Advisor: Dr. Nirmal Goswami

Presented: Honors College Symposium, November 19, 2016

Martinez, Daniel (Sebastian) (Architectural Engineering and Civil Engineering, Dual Majors)

Applications of Finite-Element Analysis in Structural Engineering

Project Faculty Advisor: Dr. Breanna Bailey

Presented: Honors College Symposium, November 19, 2022

- Martinez, Hugo (Chemical Engineering)  
 Synthesis & Characterization of Organic Semiconductors  
 Project Faculty Advisor: Dr. Xiaoliu Chi  
 Presented: Honors College Symposium, May 2, 2015
- Martinez, Michael (Electrical Engineering)  
 Understanding the Operation of Nano-Electronics in Low Temperatures  
 Project Faculty Advisor: Dr. Reza Nekovei  
 Presented: Through Blackboard Collaborate on March 25, 2021
- Martinez, Miriam (Communication Sciences and Disorders)  
 Traditional Versus Cycle Approach in Speech Therapy  
 Project Faculty Advisor: Dr. Debra Forman  
 Presented: Through Blackboard Collaborate on November 13, 2020
- Martinez-Gomez, Erick (Mechanical Engineering)  
 Self-Sustained Energy Supply with Renewable Energy for Farm Operation in Texas  
 Project Advisor: Dr. Hua Li  
 Presented: Honors College Symposium, November 13, 2021
- Mauck, Justin (Geology)  
 Using pXRF to Map and Correlate Tuffs in Big Bend National Park  
 Project Faculty Advisor: Dr. Mark T. Ford  
 Presented: Honors College Symposium, April 30, 2014
- McKaughan, Matthew (Biomedical Sciences)  
 Cloning of Waprin Genes from the Venom Gland cDNA Library of  
*Bothrops colombiensis*  
 Project Faculty Advisors: Dr. Elda E. Sanchez and Dr. Montamas Suntravat  
 Presented: Honors College Symposium, July 8, 2016
- McLaughlin, Lisa A. (Geology)  
 An Oil & Gas Exploration Field Study: Mifflin Field, Kenedy County, Texas  
 Project Faculty Advisor: Professor Dan H. Jackson  
 Presented: Honors College Symposium, August 1, 2013
- McMahan, Ella (Criminology)  
 Culture of Honor: A Southern Theory of Violence  
 Project Faculty Advisor: Dr. Stan Hodges  
 Presented: Honors College Symposium, July 13, 2023
- McReynolds, Claire (Animal Science)  
 The Analysis of VFAs in Ruminally Cannulated Steers Cyclically Fed Monensin  
 Project Faculty Advisor: Dr. Natasha Bell  
 Presented: Honors College Symposium, November 3, 2018

Medina, Joseph (Chemistry)  
 Hydromination of Alkenes with Rhodium Bis-Diphenylphosphino Monoxide Complexes  
 Project Faculty Advisor: Dr. Christina Hahn  
 Presented: Honors College Symposium, April 14, 2018

Medrano, Jo-Ana (Interdisciplinary Studies)  
 Educational Experiences of Latinos throughout Generations  
 Project Faculty Advisor: Dr. Norma Guzman  
 Presented: Honors College Symposium, November 22, 2014

Mejia, Natalia (Biomedical Sciences)  
 HIV Epidemic in South Africa  
 Project Faculty Advisor: Dr. Nirmal Goswami  
 Presented: Honors College Symposium, November 19, 2022

Mendez, Joshua (Communications)  
 Establishing Effective Communication in an Ineffective Setting  
 Project Faculty Advisor: Dr. Larry Knight  
 Presented: Honors College Symposium, November 13, 2021

Mercado, Francesca (Biomedical Sciences)  
 Perceptions of Health Care Through an Integrative Lens of College Students and Providers of Health  
 Project Faculty Advisor: Dr. Christine Reiser Robbins  
 Presented: Honors College Symposium, April 30, 2016

Miano, Brittany (Animal Science)  
 Early Breeding Fall Born Ewes Lambs  
 Project Faculty Advisor: Dr. Randy Stanko  
 Presented: Honors College Symposium, November 4, 2017

Michalec, Donald (Donnie) (Mechanical Engineering)  
 Prosthetic Hand, Finger, and Actuation Component Design  
 Project Faculty Advisor: Mr. Grady Isensee  
 Presented: Honors College Symposium, April 8, 2017

Milecky, Meghan (Biomedical Sciences)  
 Sexual Assault on College Campus: Causes, Characteristics and Prevention  
 Project Faculty Advisor: Dr. Daehoon Han  
 Presented: Honors College Symposium, November 21, 2015

Moberg, Dakota (Range and Wildlife Management)  
 Rural Land Fragmentation during the COVID-19 Pandemic  
 Project Advisor: Dr. Thomas Krueger  
 Presented: Honors College Symposium, November 13, 2021

Molina, Marcus (Industrial Management and Applied Engineering Technology)

How Hydraulics Work

Project Faculty Advisor: Mr. Ivan Luna

Presented: Honors College Symposium, April 6, 2024

Montague, Dante J. (Criminology)

The Effects of Exercise on Prisoners Mental Health

Project Faculty Advisor: Dr. Barbara Cooke

Presented: Through Blackboard Collaborate on April 8, 2020

Montalvo, Dohnovan (Accounting)

The Enron/Andersen Scandal

Project Faculty Advisor: Dr. Kendra Huff

Presented: Honors College Symposium, November 23, 2019

Montemayor, Roland M. (Chemical Engineering)

The Importance of Thermodynamic Methods in Industry

Project Faculty Advisor: Dr. Matthew Alexander

Presented: Through Blackboard Collaborate on April 3, 2020

Montez, Anthony (Chemical Engineering)

Production of Oxalic Acid and Its Removal from Wastewater Systems

Project Faculty Advisor: Dr. Matthew Alexander

Presented: Honors College Symposium, April 14, 2018

Montez, Diane (Computer Science)

High Dynamic Range (HDR) Image Processing

Project Faculty Advisor: Dr. David Hicks

Presented: Honors College Symposium, November 3, 2018

Montoya, Oscar (Psychology)

Difference in Visual-Evoked Potential between Bilingual and Monolingual College Students

Project Faculty Advisor: Dr. Dana Byrd

Presented: Honors College Symposium, November 22, 2014

Morales, Erin (Biomedical Sciences)

Molecular Engineering of a Recombinant C-type Lectin

Project Faculty Advisor: Dr. Elda Sanchez

Presented: Honors College Symposium, April 22, 2013

Moreno, Rosamaria Yvette (Biomedical Sciences and Chemistry – Dual Majors)

Toxicity Score for *Crotalus atrox* Snake Venom

Project Faculty Advisor: Dr. Jacob Galan

Presented: Honors College Symposium, April 27, 2019

- Morgan, Joshua (Chemical Engineering)  
Power Generation for a Portable LNG Plant  
Project Faculty Advisor: Dr. Carl David Murphy  
Presented: Honors College Symposium, May 2, 2015
- Morrell, Taylor Elizabeth (Animal Science)  
Animal Rights vs. Animal Welfare  
Project Faculty Advisor: Dr. Wm. Brice Finney  
Presented: Honors College Symposium, July 8, 2016
- Mossman-Fuentes, Victoria T. (Animal Science)  
Undergraduate Career Experience & Research Opportunities: USDA Internship 2021  
Project Advisor: Dr. Consuelo Donato  
Presented: Honors College Symposium, April 9, 2022
- Naegelin, Zachary (Range and Wildlife Management)  
The Effectiveness of Sound Deterrents on White-Tailed Deer and Other Mammals  
Project Faculty Advisor: Dr. Scott Henke  
Presented: Honors College Symposium, November 19, 2016
- Nash, Caleb (Mechanical Engineering)  
Review of Air Handling Systems in Industry  
Project Faculty Advisor: Dr. Francisco Aguiñiga  
Presented: Through Blackboard Collaborate on March 23, 2021
- Navarro, Carlos (Music Education with Teaching Certification)  
Saxophone Repertoire  
Project Advisor: Dr. Thomas Zinniger  
Presented: Honors College Symposium, November 13, 2021
- Nevarez, Steven (Marketing)  
Effects of COVID-19 on Walt Disney World: A Financial and Marketing Review  
Project Faculty Advisor: Dr. Genevieve Scalan  
Presented: Through Blackboard Collaborate on November 11, 2020
- Nguyen, Matthew (Biomedical Sciences)  
Study of Hematologic Effects of Mohave Rattlesnake (*Crotalus scutulatus scutulatus*)  
Venom from Twelve Different Geographical Regions  
Project Faculty Advisors: Dr. Elda Sanchez and Dr. Montamas Suntravat  
Presented: Honors College Symposium, May 2, 2015
- Nnadi, Paracleta (Biomedical Sciences)  
Isolation and Characterization of IgY Toxin Antibodies from Chicken Eggs  
Project Faculty Advisor: Dr. Elda Sanchez  
Presented: Honors College Symposium, October 7, 2023

- Nuñez, Erik (Communication Sciences and Disorders)  
 Student Attitudes toward Mexican-American Folk Healing Practices  
 Project Faculty Advisor: Dr. Christine Reiser Robbins  
 Presented: Honors College Symposium, August 1, 2013
- Obi, Emeka (Electrical Engineering)  
 VCPU DATA API  
 Project Advisor: Dr. Rajab Challoo  
 Presented: Honors College Symposium, April 9, 2022
- Odale, Jeremiah (Psychology)  
 Post-Traumatic Stress Disorder and Chaplaincy  
 Project Faculty Advisor: Dr. Pete Pardo, Jr.  
 Presented: Honors College Symposium, November 23, 2019
- Okakpu, Uchenna (Chemical Engineering and Chemistry – Double Degrees – different colleges)  
 Isobutylene Production from Catalytic Dehydrogenation of Isobutane  
 Project Faculty Advisor: Dr. Matthew Alexander  
 Presented: Honors College Symposium, April 8, 2017
- Oldag, Cierra (Biomedical Sciences)  
 Breastfeeding vs. Bottle-Feeding: Why Breast Really is Best  
 Project Faculty Advisor: Dr. Hyunsook Kang  
 Presented: Honors College Symposium, May 2, 2015
- Ortiz, Natalie (Biomedical Sciences)  
 Texas A&M Irma Lerma Rangel College of Pharmacy ASPIR<sup>2</sup>E Track 2 Program  
 Project Faculty Advisor: Dr. Elaine Demps (Irma Lerma College of Pharmacy)  
 Presented: Through Blackboard Collaborate on April 9, 2020
- Ortiz, Sarvia T. (Animal-Wildlife Veterinary Technology)  
 The Role of Licensed Veterinary Technicians in the Veterinary Industry  
 Project Faculty Advisor: Dr. Clayton Hilton  
 Presented: Through Blackboard Collaborate on March 25, 2021
- Pachicano, Salma (Civil Engineering)  
 Masonry Arch Competition: My Experience and It's Benefits  
 Project Faculty Advisor: Dr. Breanna Bailey  
 Presented: Honors College Symposium, November 23, 2019
- Page, Michael (Range and Wildlife Management)  
 Modeling Woody Vegetation Density with Very High-Resolution Remote Sensing  
 Imagery and Unmanned Aerial Systems  
 Project Faculty Advisor: Dr. Humberto Perotto  
 Presented: Honors College Symposium, April 27, 2019

Pankratz, Naomi R. (Geology)

Aquifer Potential of Late Cambrian Age Hickory Sandstone in Central Texas

Project Faculty Advisor: Dr. Thomas McGehee

Presented: Honors College Symposium, April 22, 2013

Peña, Clarissa (Biomedical Sciences)

Responsibilities and Credentials of Pharmacists at Different Types of Pharmacies

Project Faculty Advisor: Dr. Lorraine Killion

Presented: Honors College Symposium, April 30, 2016

Perez, Agustin (Electrical Engineering)

Can Computers Be Original?

Project Faculty Advisor: Dr. Emil Badici

Presented: Honors College Symposium, October 7, 2023

Perez, Alexandria (Interdisciplinary Studies)

What Makes a Bad Teacher?

Project Faculty Advisor: Dr. Nelson Warren Miller

Presented: Honors College Symposium, November 21, 2015

Perez, Anthony R. (Music Education with Teaching Certification)

An Overview of the Chronology and History of the Trumpet

Project Faculty Advisor: Dr. Kyle Millsap

Presented: Through Blackboard Collaborate on April 8, 2020

Perez, Brianna (Biomedical Sciences)

Neutralization of Snake Venoms using Expired Antivenoms

Project Faculty Advisor: Dr. Elda Sanchez

Presented: Honors College Symposium, April 27, 2019

Perez, Kevin (Music Education with Teaching Certification)

A Historic Overview of the Weber Clarinet Concertino and Concertos

Project Faculty Advisor: Dr. Sarah Lucas

Presented: Honors College Symposium, April 9, 2022

Perkins, Lenora (Geology)

Fluid Flow and BSR Distribution off the Coast of Oregon

Project Faculty Advisor: Dr. Sunnarao Yelisetti

Presented: Honors College Symposium, April 27, 2019

Pever, David Ryan (Accounting)

CPA Pass Rates and Effect on Life of Post-Grad Student

Project Faculty Advisor: Dr. Kendra Huff

Presented: Through Blackboard Collaborate on April 3, 2020



Pierce, David (Computer Science)

Digital Preservation and Video Games: Methodology and Challenges

Project Advisor: Dr. Aniruddha Mukhopadhyay

Presented: Honors College Symposium, April 9, 2022

Piña, Victoria (Marketing)

Introduction to Artificial Intelligence

Project Faculty Advisor: Dr. Zhuofan Zhang

Presented: Honors College Symposium, April 30, 2025

Polly Kaitlyn (English)

Propaganda vs. Payoff: What are the Real Benefits of the Study Abroad Program?

Project Faculty Advisor: Dr. Ryan Paul

Presented: Honors College Symposium, May 2, 2015

Porter, Crystal (Communication and Science Disorders)

Magnet Displacement in Cochlear Implant Recipients: Causes and Risk Factors

Project Faculty Advisor: Dr. Angel Ball

Presented: Honors College Symposium, November 19, 2016

Potthast, Erich (Chemical Engineering)

Volatile Organic Compounds Emission Control Using Mobile Biofiltration

Project Faculty Advisor: Dr. Kim Jones

Presented: Honors College Symposium, November 19, 2016

Pratel, Joshua (Mechanical Engineering)

Design and Testing of a Dual Axis Solar Tracker

Project Faculty Advisor: Dr. Selahattin Ozelik

Presented: Honors College Symposium, April 30, 2016

Proske, Macain (Civil Engineering)

Design of Exterior Cavity Wall for Rockport-Fulton FEMA Dome

Project Faculty Advisor: Dr. Breanna Bailey

Presented: Honors College Symposium, April 14, 2018

Pulido Salinas, Daniela (Biomedical Sciences)

Abundance and Distribution of Mosquitoes in Texas

Project Faculty Advisor: Dr. Weimin Xi

Presented: Honors College Symposium, November 23, 2019

Roberts, Mary-Anna (Environmental Engineering)

Long Term vs Short Term Study Away

Project Faculty Advisor: Ms. Nicolette Dacke

Presented: Honors College Symposium, October 7, 2023

Ramirez, Corinna (Animal Science)  
 Diseases Affecting Animals in South Texas  
 Project Faculty Advisor: Dr. Randy Stanko  
 Presented: Honors College Symposium, November 22, 2014

Ramirez, Riley (Chemical Engineering)  
 Relationship between Air Pollution and Birth Defects in Nueces County  
 Project Advisor: Dr. Hua Li  
 Presented: Honors College Symposium, April 9, 2022

Ramos, Michael (Chemical Engineering)  
 The Development of Improved Model Predictions by Updating the Historical Records of the Carrizo-Wilcox Aquifer  
 Project Advisor: Dr. Matthew Alexander  
 Presented: Honors College Symposium, April 9, 2022

Ramos, Kaitlin (Architectural Engineering)  
 STEM Museum Landscape Design  
 Project Faculty Advisor: Dr. Xiaoyu Liu  
 Presented: Honors College Symposium, April 30, 2016

Rauer, Julia (Finance)  
 The Holiday Effect Regarding Christmas Eve in the German and American Stock Market  
 Project Faculty Advisor: Dr. Thomas Krueger  
 Presented: Honors College Symposium, November 23, 2019

Reyes, Oscar (Computer Science)  
 Development of a Spaced-Repetition Flashcard Studying Mobile Application  
 Project Faculty Advisor: Dr. David Hicks  
 Presented: Honors College Symposium, April 27, 2019

Reyna, Theodore (Haden) (Finance)  
 Bank Examination? The Components of a Safety & Soundness Exam with the FDIC  
 Project Advisor: D. William Procasky  
 Presented: Honors College Symposium, April 1, 2023

Riojas, Luis (Chemical Engineering)  
 Determining Hydrogen Gas Recovery Rates on Refinery Pressure Swing Absorption Unit  
 Project Faculty Advisor: Dr. Songtao Xie  
 Presented: Honors College Symposium, April 8, 2017

Robinson, Chelsea (Chemical Engineering)  
 Design of an Optimal Methanol to Olefins Production Process  
 Project Faculty Advisor: Dr. Joseph Amaya  
 Presented: Honors College Symposium, April 27, 2019

- Rodriguez, Brittany (Chemical Engineering)  
 The Filtration Process of a Solar Powered Water Purification System  
 Project Faculty Advisor: Dr. Breanna Bailey  
 Presented: Honors College Symposium, April 14, 2018
- Rodriguez, Daniel (Chemical Engineering)  
 Citgo Unibon H2 Recycle: Compressor Surge Prevention  
 Project Faculty Advisor: Dr. Matthew Alexander  
 Presented: Honors College Symposium, April 30, 2016
- Rodriguez, Dora D. (Biomedical Sciences)  
 Designer Babies: Genetically Engineering the Humans of Tomorrow  
 Project Faculty Advisor: Dr. Donald Daughtry  
 Presented: Honors College Symposium, April 26, 2014
- Rodriguez, Kassandra (Animal Science)  
 The Power of the Mind and Positive Thinking  
 Project Faculty Advisor: Dr. Steve F. Bain  
 Presented: Honors College Symposium, April 6, 2024
- Rodriguez, Raquel (Criminology and Psychology – Dual Majors)  
 Current Knowledge and Opinions over *Curanderismo*, Mexican American  
 Folk Healing Practices  
 Project Faculty Advisor: Dr. Christine Reiser-Robbins  
 Presented: Honors College Symposium, April 26, 2014
- Rodriguez, Serjio (Biomedical Sciences)  
 Industry Analysis of Anesthesia  
 Project Faculty Advisor: Dr. Mauro Castro  
 Presented: Honors College Symposium, November 23, 2019
- Rodriguez IV, Reyes (Biomedical Sciences)  
 Physician Assistant: Occupational Characteristics & Outlook  
 Project Advisor: Mr. James Eric Winterbottom  
 Presented: Honors College Symposium, April 9, 2022
- Roque, Madeline (Maddy) (Biomedical Science)  
 Commitment in Heterosexual Marriages  
 Project Faculty Advisor: Dr. Herminio Ibañez  
 Presented: Honors College Symposium, April 22, 2013
- Rosenbaum, Ashlea (Kinesiology)  
 Response Time and Puzzle Solving Skills in Gamers vs. Non-gamers  
 Project Faculty Advisors: Dr. Daniel Burt and Ms. Ashlee Burt  
 Presented: Honors College Symposium, April 8, 2017

- Rosenbaum, Morgan (Animal-Wildlife Veterinary Technology)  
 Contraceptives in Non-domestic Species in Zoo Medicine  
 Project Faculty Advisor: Dr. Clayton Hilton  
 Presented: Honors College Symposium, April 8, 2017
- Rother, Garrett (Chemical Engineering)  
 Production of Terephthalic Acid from Para-xylene  
 Project Faculty Advisor: Dr. Matthew Alexander  
 Presented: Honors College Symposium, April 8, 2017
- Ruiz, Valerie L. (Animal Science)  
 USDA's Animal Research Services  
 Project Faculty Member: Dr. Randy Baldwin (Research Animal Scientist)  
 Presented: Through Blackboard Collaborate on July 24, 2020
- Sabawi, Fares (Communications)  
*The South Texan* and Civil Rights  
 Project Faculty Advisor: Dr. Manuel Flores  
 Presented: Honors College Symposium, May 2, 2015
- Sacurom, Katrina (Trina) (Political Science)  
 Media Influences on Students during COVID-19 Pandemic  
 Project Faculty Advisor: Dr. Chika Rosenbaum  
 Presented: Through Blackboard Collaborate on November 12, 2020
- Saenz III, Ramon (Range and Wildlife Management)  
 Does Fiber and Digestibility of Highly Preferred Ungulate Forages Vary Among  
 Forage Types and Seasons in South Texas?  
 Project Faculty Advisor: Dr. Timothy Fulbright  
 Presented: Honors College Symposium, May 2, 2015
- Salas, Jesus (Physics)  
 Calculating the Power Spectrum of Minihalos Optical Depth Features  
 Project Faculty Advisor: Dr. Charles Allison  
 Faculty Advisors: Aaron Ewall-Wice and Dr. Jacqueline Hewitt (at MIT)  
 Presented: Honors College Symposium, April 26, 2014
- Salazar, Joshua (Mechanical Engineering)  
 Abrahamic Religious Interpretations in Japan  
 Project Faculty Advisor: Dr. Chika Rosenbaum  
 Presented: Through Blackboard Collaborate on November 11, 2020
- Salcedo, Camila (Biomedical Sciences and Psychology)  
 Straining Protocol for *Drosophila* Gut and Research  
 Project Faculty Advisor: Dr. Maria Velez-Hernandez  
 Presented: Through Blackboard Collaborate on November 12, 2020

- Salyers, Nicholas J. (Mathematics)  
Identification of Conserved Elements in Drosophila GAD1  
Project Faculty Advisor: Dr. Rudolf Bohm  
Presented: Honors College Symposium, April 30, 2016
- Sanchez, Gabriella (Communication Sciences and Disorders)  
Auditory Verbal Therapy: A Cultural and Educational Perspective  
Project Faculty Advisor: Dr. Stephen Oller  
Presented: Honors College Symposium, April 8, 2017
- Sanchez, Sophia (Animal Science)  
Cryptorchidism  
Project Faculty Advisor: Dr. Randy Stanko  
Presented: Honors College Symposium, November 23, 2019
- Sandoval, Jessica (Accounting)  
Impact of Culture in Business  
Project Faculty Advisor: Dr. Kendra Huff  
Presented: Honors College Symposium, April 8, 2017
- Santos, Jeremiah (Chemical Engineering)  
Organic Recovery Column in the Production of Ethyl Acetate from Ethanol and Acetic Acid  
Project Faculty Advisor: Dr. Matthew Alexander  
Presented: Honors College Symposium, April 30, 2016
- Saucedo, Max (Biomedical Sciences)  
Texas Coral Snake: An Intraspecies Study through Lethality Assays  
Project Faculty Advisor: Dr. Elda Sanchez  
Presented: Honors College Symposium, April 26, 2014
- Schmidt, Alexis P. (Kinesiology)  
The Effect of Prophylactic Knee Braces on Balance and Uninjured Knee Range of Motion  
Project Faculty Advisor: Dr. Christopher Hearon  
Presented: Honors College Symposium, April 22, 2013
- Schmidt, Patrick W. (Music Education with Teaching Certification)  
Origins and Development of the Trombone Choir  
Project Faculty Advisor: Dr. Oscar Diaz  
Presented: Through Blackboard Collaborate on April 9, 2020

Scott, Trevor J. (Mechanical Engineering)  
Industry Analysis of Water Filtration Systems  
Project Faculty Advisor: Professor Grady Isensee  
Presented: Through Blackboard Collaborate on April 8, 2020

Seams, Brenna (Civil Engineering)  
Greenwood Drive: Pedestrian Facilities Improvements  
Project Faculty Advisor: Dr. Pat T. Leelani  
Presented: Honors College Symposium, April 30, 2016

Sewall, Shelby (Animal Science)  
History and Globalization of the Veterinary World  
Project Faculty Advisor: Dr. Christine Reiser Robbins  
Presented: Honors College Symposium, October 7, 2023

Shipman, Kadi M. (Kinesiology - Exercise Science)  
Comparison of Time to Position Under a Paired Sight Trial  
Project Faculty Advisor: Dr. David Cotton  
Presented: Through Blackboard Collaborate on April 8, 2020

Simek, Emily (Mathematics with Teaching Certification)  
Why do so Many Students Dislike Math?  
Project Faculty Advisor: Dr. Ramiro Torres  
Presented: Honors College Symposium, April 8, 2017

Slifka, Delanie (Animal Science)  
Flattened Fauna: A Comparison of Road Kill Numbers  
Project Faculty Advisor: Dr. April Conkey  
Presented: Honors College Symposium, April 14, 2018

Smith, Alan L. (Mechanical Engineering)  
Cost Analysis for Reusable Grey Water System  
Project Faculty Advisor: Dr. Francisco Aguiñiga  
Presented: Through Blackboard Collaborate on April 8, 2020

Snider, Kayten (Finance)  
Behavioral Finance  
Project Faculty Advisor: Dr. William Procasky  
Presented: Honors College Symposium, November 19, 2022

Snow, Baylee (Animal and Wildlife Veterinary Technology)  
Understanding Rabies  
Project Faculty Advisor: Dr. Cariann Galloway  
Presented: Honors College Symposium, April 30, 2025

- Solis, Annalisa (English and Political Science – Dual Majors)  
The Politics of Public Statues  
Project Faculty Advisor: Dr. Nirmal Goswami  
Presented: Honors College Symposium, November 19, 2022
- Solis, Erin (Music Education with Teaching Certification)  
The Social Value of Indigenous, Traverso, and Modern Day Flutes  
Project Faculty Advisor: Dr. Elizabeth Janzen  
Presented: Honors College Symposium, October 7, 2023
- Soria, Dante (Biomedical Sciences)  
Economics of General Dentistry  
Project Faculty Advisor: Mr. Eric Winterbottom  
Presented: Honors College Symposium, November 13, 2021
- Stolzer, Madeleine (Political Science and History - Dual Majors)  
Townships and the Group Areas Act: Apartheid in South Africa  
Project Faculty Advisor: Dr. Nirmal Goswami  
Presented: Honors College Symposium, November 19, 2022
- Stridde, William (History)  
The French Revolution – A Family Drama  
Project Faculty Advisor: Dr. Dean Ferguson  
Presented: Honors College Symposium, November 22, 2014
- Stroman, Savannah (Biomedical Sciences)  
Testing of Antibiotic Treatments on Acne-causing Bacteria  
Project Faculty Advisors: Dr. Richard Laughlin and Dr. Maria Velez-Hernandez  
Presented: Honors College Symposium, April 8, 2017
- Sulaica, Adrianna (Communication Sciences and Disorders)  
Differences in Linguistic Characteristics in Letter Writing by Young Adults  
Project Faculty Advisor: Dr. Angel Ball  
Presented: Honors College Symposium, April 26, 2014
- Sulaica, Jonathan (Geology)  
Central Texas Well Core Study  
Project Faculty Advisor: Dr. Thomas McGehee  
Presented: Honors College Symposium, April 22, 2013
- Summy, Tristan (Range and Wildlife Management)  
Analysis of the Guide Industry  
Project Faculty Advisor: Dr. William Kuvlesky  
Presented: Honors College Symposium, April 27, 2019

Sutton, Dorothy (Industrial Management and Applied Engineering Technology)

Cacao and Cocoa Products: Tree to Bar

Project Faculty Advisor: Mr. Christopher Rabe

Presented: Honors College Symposium, April 27, 2019

Swaenepoel, Jodi (Environmental Engineering)

Predicting Constituents Loadings in the Lower Rio Grande Valley

Project Faculty Advisor: Dr. Tushar Sinha

Presented: Through Blackboard Collaborate on March 23, 2021

Szteiter, Shelby (Biomedical Sciences)

The Establishment of an Enzyme Linked Immunosorbent Assay Utilizing and L-Amino Acid Oxidase Antibody to Determine Venom Potency

Project Faculty Advisor: Dr. Elda Sanchez

Presented: Honors College Symposium, April 30, 2016

Tamez, Alistair (Psychology)

Literature Review of Depression, Anxiety, and the COVID Pandemic

Project Faculty Advisor: Dr. Donald Daughtry

Presented: Honors College Symposium, November 13, 2021

Ter Morsche, Milou (Marketing)

A Study of Counterfeit Luxury Goods

Project Faculty Advisor: Dr. Kathleen Rees

Presented: Honors College Symposium, April 1, 2023

Tesch, Terri (Electrical Engineering)

The Rise and Fall of Horton Automatics: Lessons Beyond the Classroom

Project Faculty Advisor: Dr. Lifford McLauchlan

Presented: Honors College Symposium, April 30, 2025

Thacker, Amanda (Biomedical Sciences)

Transient Microbiota on TAMUK Campus

Project Faculty Advisor: Dr. Richard Laughlin

Presented: Honors College Symposium, November 23, 2019

Thonsgaard, Matthew (Mechanical Engineering)

Simulating the Structural Properties of a Mechanical Glove

Project Faculty Advisor: Mr. Grady Isensee

Presented: Honors College Symposium, April 27, 2019

Toren, Cristian M. (Chemical Engineering)

The Fermentation of Corn to Ethanol

Project Faculty Advisor: Dr. Joseph Amaya

Presented: Through Blackboard Collaborate on April 8, 2020



- Torres, Sarah (Mathematics)  
Technology, Its Use in the Mathematics Classroom  
Project Faculty Advisor: Dr. Nelson Warren Miller  
Presented: Honors College Symposium, November 21, 2015
- Tovar, Caitlin (Chemical Engineering)  
Final Distillation Column in the Production of Ethyl Acetate from Ethanol and Acetic Acid  
Project Faculty Advisor: Dr. Matthew Alexander  
Presented: Honors College Symposium, April 30, 2016
- Trebatoski, Seth (Chemical Engineering)  
The Power Mechanism and Preparation of the Cheme Car  
Project Faculty Advisor: Dr. Matthew Alexander  
Presented: Honors College Symposium, April 8, 2017
- Trevino, Ahren (Chemistry)  
Qualitative Analysis of CBD Supplements using Gas Chromatography and Mass Spectrometry  
Project Faculty Advisor: Dr. Mauro Castro  
Presented: Honors College Symposium, November 13, 2021
- Trevino, Amaris C. (Chemical Engineering)  
Running with the Bulls: ExxonMobil Internship Experience  
Project Faculty Advisor: Dr. Nazmul Rahmani  
Presented: Through Blackboard Collaborate on April 9, 2020
- Tunnell, Parker (Biomedical Sciences)  
Salmonella Typhimurium Interactions with Gut Microbiome  
Project Faculty Advisor: Dr. Richard Laughlin  
Presented: Honors College Symposium, November 23, 2019
- Turolo, Manuela (Management)  
New Marketing Ideas for Ferri Auto  
Project Faculty Advisor: Dr. Jose L. Daniel  
Presented: Honors College Symposium, November 20, 2024
- Vargas, Richard (Kinesiology - EC-12 Physical Education with Teaching Certification)  
The Impact of COVID on Education  
Project Advisor: Professor Judith Bloomquist  
Presented: Honors College Symposium, April 9, 2022
- Vasquez, Bethany (Accounting)  
Money Laundering Risks and Anti-Money Laundering Policies in Different Countries  
Project Faculty Advisor: Dr. Genevieve Scalan  
Presented: Through Blackboard Collaborate on November 12, 2020

- Venable, Austin (Chemical Engineering)  
Natural Gas Processing  
Project Faculty Advisor: Dr. Ali Pilehvari  
Presented: Honors College Symposium, April 30, 2025
- Vencill, Allison (Chemistry)  
A Multinational Perspective on Rural Healthcare  
Project Faculty Advisors: Dr. Christine Reiser Robbins and Ms. Sue Nichols  
Presented: Honors College Symposium, November 3, 2018
- Vera, Sara Rose (Civil Engineering)  
Rehabilitation of Greenwood Road - Wastewater Section  
Project Faculty Advisor: Dr. Pat T. Leelani  
Presented: Honors College Symposium, April 30, 2016
- Verdin, Victoria (Political Science)  
How Culture Influences Politics  
Project Faculty Advisor: Dr. Michelle Ramirez  
Presented: Honors College Symposium, April 30, 2025
- Villarreal, Carina (Criminology)  
The Effective Recruitment of Transfer Honors Students at TAMUK and  
at Other Peer Institutions  
Project Faculty Advisor: Dr. Thomas M. Spencer  
Presented: Honors College Symposium, July 27, 2018
- Wagner, Michelle (Kinesiology)  
Athletes' Perception of Motivation: Factors that Contribute to Sport Adherence  
Project Faculty Advisor: Dr. Lorraine Killion  
Presented: Honors College Symposium, November 21, 2015
- Walker, Javon (Chemical Engineering and Mathematics – Double Degrees – different colleges)  
Oily Sludge Degradation: A Bioremediation Approach  
Project Faculty Advisor: Dr. Matthew Alexander  
Presented: Honors College Symposium, November 4, 2017
- Walz, William (Environmental Engineering)  
Cost Analysis of a Hot Gas Stripping Technology  
Project Faculty Advisor: Dr. Lucy M. Camacho  
Presented: Honors College Symposium, July 8, 2016
- Watson, Nicole (Mechanical Engineering)  
Design of a Timing System for a Roller Coaster Pinewood Derby Track  
Project Faculty Advisor: Dr. Larry Peel  
Presented: Honors College Symposium, April 26, 2014

- Webb, Bradley (Mechanical Engineering)  
Material Selection for Underwater Turbines  
Project Faculty Advisor: Dr. Sangsoo Lee  
Presented: Honors College Symposium, April 8, 2017
- Weiss, Abdullah (Mechanical Engineering)  
Neutron Moderation Study in a Shield for a Fusion-based Neutron Source  
Project Faculty Advisor: Dr. Xue Yang  
Presented: Honors College Symposium, April 14, 2018
- Westmoreland, Deven (Computer Science)  
Automation Testing Framework  
Project Faculty Advisor: Robert J. Diersing  
Presented: Honors College Symposium, November 21, 2015
- Whiddon, Caleb Marcus (Biomedical Sciences)  
Cellular Growth Characteristics of *Salmonella* Typhimurium  
Project Faculty Advisor: Dr. Richard Laughlin  
Presented: Through Blackboard Collaborate on April 3, 2020
- Whiddon, Elmer Court (Finance)  
What is FDIC?  
Project Faculty Advisor: Dr. William Procasky  
Presented: Through Blackboard Collaborate on April 13, 2020
- Whiddon, Olivia (Interdisciplinary Studies)  
Analysis of Teacher Retirement Systems: Is Retirement Affordable in Texas?  
Project Faculty Advisor: Sue Nichols  
Presented: Through Blackboard Collaborate on April 7, 2020
- White, Bradley (Communication Sciences and Disorders)  
Auditory Attention Processing in Aphasia  
Project Faculty Advisors: Dr. Angel Ball and Dr. Eric Swartz  
Presented: Honors College Symposium, April 26, 2014
- Williams, Brian (Electrical Engineering)  
Sensor Based Sleep Detection System for a Smart Alarm Clock  
Project Faculty Advisors: Dr. Lifford McLauchlan  
Presented: Honors College Symposium, April 27, 2019
- Williams, Ronald (Biomedical Sciences)  
Analysis of Promoter Activity through Expression of Assembled GAL4-pBIDPlasmid  
Project Faculty Advisor: Dr. Enrique Massa  
Presented: Honors College Symposium, April 8, 2017

Wilson, Kyle (Biomedical Sciences)

Quantifying Neurite Cell Growth in PC12 Cells

Project Faculty Advisors: Dr. Maribel Gonzalez-Garcia and Dr. Rafael Perez-Ballesteros

Presented: Honors College Symposium, April 30, 2016

Womack, John (Quinten) (Accounting)

The Impact of Initial Accreditation from AACSB International on the Enrollment of Three South Texas Universities

Project Faculty Advisor: Dr. Thomas Krueger

Presented: Honors College Symposium, April 26, 2014

Wong, Cailin L. (Animal Science)

Nitrate Reductase Impact on *Salmonella* Colonization of Bovine Macrophages

Project Faculty Advisor: Dr. Nastasha Bell

resented: Through Blackboard Collaborate on April 2, 2020

Wood, Kelley (Range and Wildlife Management)

Industry Analysis of Education in Range and Wildlife Professional Careers

Project Faculty Advisor: Dr. April Conkey

Presented: Honors College Symposium, April 27, 2019

Wright, Avery S. (Music Education with Teaching Certification)

The Development of the Clarinet

Project Faculty Advisor: Dr. Andrea Vos-Rochefort

Presented: Honors College Symposium, November 23, 2019

Yuraitis, Amanda (Psychology and Communications – Dual Majors)

Sociosexuality: Can It Predict Relationship Satisfaction?

Project Faculty Advisor: Dr. Richard L. Miller

Presented: Through Blackboard Collaborate on Friday, July 24, 2020

Zaragoza, Amberly (Animal Science)

Regional Soil Judging Competition

Project Faculty Advisor: Dr. Shad Nelson

Presented: Honors College Singular Symposium, May 25, 2022

Zavala-Arrambide, Carla (Chemistry)

Biochemical Characterization of a Phospholipase A2 from Venom of Two Different Snakes

Project Faculty Advisor: Dr. Elda Sanchez

Presented: Honors College Symposium, November 23, 2019

Zuniga, Amanda (Interdisciplinary Studies)

A Study of Teachers' Opinions on Inclusion as a Method for Serving  
Special Education Students

Project Faculty Advisor: Dr. Jack A. Bradley

Presented: Honors College Symposium, April 30, 2016