

Honors Independent Projects Based on When Presented (formerly called Senior Projects)
(Alphabetical by Student Name)
(As of, and includes, Fall 2024 - November 20, 2024)

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, Alexandria (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 11, 2017
- Boudreaux, Ameer (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 27, 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 on 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

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 Zoom 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 Zoom 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
- 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

Graduated: Spring 2013, May 10, 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

- 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
- 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
- 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

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

- Jimenez, Juan (Music Education with Teaching Certification)
History of Drum Majors
Project Faculty Advisor: Dr. John Lopez
Presented: Honors College Symposium, October 7, 2023
- Karki, Bishwash (Electrical Engineering)
PXE Enhancements, Repository Migration for Microchip Technology Inc.
Project Advisor: Dr. Rajab Chaloo
Presented: Honors College Symposium, April 9, 2022
- 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
- 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
- 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 22, 2013
- 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 (Donny) (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 5, 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 ASPIR²E 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
- Peever, 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
- 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 9, 2016
- Pothast, 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 Ozcelik
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
- 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
- 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
- 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
- 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)
Senor 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
Presented: 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