

Honors Independent Projects (formerly called Senior Projects)
(Alphabetical by Student Name)
Updated through Summer 2021, August 6, 2021 Commencement

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

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
Graduated: Fall 2019, December 13, 2019

Aguirre, Isabella (Environmental Engineering)

Automatic Blowdown Controller – Water Treatment Management
Project Faculty Advisor: Dr. Breanna Bailey
Presented: Honors College Symposium, April 30, 2016
Graduated: Spring 2016, May 13, 2016

Alagbe, Tomisin Alagbe (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
Graduated: Spring 2018, May 18, 2018

Alaskari, Al Muntaser (Biomedical Sciences - Pre-Medicine)

Alcohol Addiction and Its Impact on Human Body
Project Faculty Advisor: Dr. Sohel Quazi
Presented: Honors College Symposium, April 30, 2016
Graduated: Spring 2016, May 13, 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
Graduated: Spring 2017, May 12, 2017

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 (presented early)
Graduated: Fall 2016, December 9, 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

Graduated: Fall 2017, December 15, 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

Graduated: Spring 2016, May 13, 2016

Ambriz, Brittany (Communication Sciences and Disorders and Psychology)

Speech and Language Techniques in Early Childhood

Project Faculty Advisor: Dr. Alan Seitel

Presented: Honors College Symposium, April 26, 2014

Graduated: Spring 2014, May 9, 2014

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 (presented early)

Graduated: Spring 2019, May 17, 2019

Applewhite, Khrisgina (Biomedical Sciences - Pre-Pharmacy)

Slave Medicine

Project Faculty Advisor: Dr. Dean Ferguson

Presented: Through Blackboard Collaborate on April 9, 2020

Graduated: Spring 2020, May 12, 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

Graduated: Spring 2016, May 13, 2016

Ayala, Andrew C. (Biomedical Sciences - Pre-Pharmacy)

Literature Review: Effects of Competition on Antibiotic Resistant Bacteria

Project Faculty Advisor: Dr. Richard Laughlin

Presented: Through Blackboard Collaborate on April 13, 2020

Graduated: Spring 2020, May 12, 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

Graduated: Fall 2020, December 9, 2020

Balogh, Jina (Civil Engineering)

Aeration & Beautification of Dick Kleberg Park

Project Faculty Advisor: Dr. Pat Leelani

Presented: Honors College Symposium, April 26, 2014

Graduated: Spring 2014, May 9, 2014

Balzen, Cody (Chemical Engineering)

Natural Gas Sweetening

Project Faculty Advisor: Dr. Carl David Murphy

Presented: Honors College Symposium, April 26, 2014

Graduated: Spring 2014, May 9, 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

Graduated: Spring 2016, May 13, 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

Graduated: Spring 2016, May 13, 2016

Barker, Cody (Geology)

Interpreting Well Cores from the Llano Uplift

Project Faculty Advisor: Dr. Thomas McGehee

Presented: Honors College Symposium, April 22, 2013

Graduated: Spring 2013, May 10, 2013

Barrera, David (Political Science and History)

The Seasonal Variation in Crime

Project Faculty Advisor: Dr. Travis Braidwood

Presented: Honors College Symposium, November 4, 2017

Graduated: Fall 2017, December 15, 2017

Barrera, Melanie (Chemical Engineering)

An Industrial Analysis of Continuing Education Programs

Faculty Project Advisor: Sue Nichols

Presented: Honors College Symposium, July 12, 2019

Graduated: Summer 2019, August 9, 2019

Barrow, Steven Wyatt (Mechanical Engineering)

Design and Selection Process of Aluminum Forms for an Unmanned Aerial Vehicle

Project Faculty Advisor: Dr. Selahattin Ozcelik

Presented: Through Blackboard Collaborate on April 7, 2020

Graduated: Spring 2020, May 12, 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

Graduated: Spring 2015, May 15, 2015

Belew, Mark (Biology)

Obtaining Venom for NNTRC Experiments

Project Faculty Advisor: Dr. Elda Sanchez

Presented: Honors College Symposium, November 23, 2019

Graduated: Fall 2019, December 13, 2019

Bhakta, Snehaben (Electrical Engineering)

Citgo Automatic Blowdown Controller

Project Faculty Advisor: Dr. Breanna Bailey

Presented: Honors College Symposium, April 30, 2016

Graduated: Spring 2016, May 13, 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

Graduation: Spring 2013, May 10, 2013

Bhakta, Yash (Chemical Engineering)

Production of Ethyl Acetate Economics

Project Faculty Advisor: Dr. Matthew L. Alexander

Presented: Honors College Symposium, July 27, 2018

Graduated: Summer 2018, August 10, 2018

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

Graduated: Fall 2017, December 15, 2017

Boudreaux, Ameer (Biomedical Sciences - Pre-Medicine)

Procyon Lotor Microbiome Isolates in Antibiotic Resistance

Project Faculty Advisor: Dr. Richard Laughlin

Presented: Through Blackboard Collaborate on March 24, 2021

Graduated: Spring 2021, May 7, 2021

Bragg, Courtney (Chemical Engineering)

Citgo Capstone – Unibon Recycle Gas Injection Option

Project Faculty Advisor: Dr. Matthew Alexander

Presented: Honors College Symposium, April 30, 2016

Graduated: Spring 2016, May 13, 2016

Brock, Samantha (Chemistry)

Chemistry in Secondary Education

Project Faculty Advisor: Dr. Mauro Castro

Presented: Honors College Symposium, November 23, 2019

Graduated: Fall 2019, December 13, 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

Graduated: Spring 2017, May 12, 2017

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

Graduated: Fall 2015 - December, 11, 2015

Broussard, Emma (Animal Science Pre-Vet)

Analysis of Feed Concentrates Used for Ruminants, Monogastrics, and Pseudo-ruminants

Project Faculty Advisor: Dr. Natasha Bell

Presented: Honors College Symposium, July 27, 2018

Graduated: Summer 2018, August 10, 2018

- Brown, Kelsey (Health and 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 (presented early)
Graduated: Spring 2015, May 15, 2015
- Brown, Nicholas (History and Political Science)
"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
Graduated: Spring 2015, May 15, 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
Graduated: Spring 2013, May 10, 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
Graduated: Spring 2017, May 12, 2017
- 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
Graduated: Fall 2016, December 9, 2016
- Cantu, Michael (Chemical Engineering)
Creating Intercellular Hierarchy through Stem Cell Data
Project Faculty Advisor: Dr. Nazmul Rahmani
Presented: Honors College Symposium, November 23, 2019 (presented early)
Graduated: Spring 2020, May 12, 2020
- 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
Graduated: May 17, 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

Graduated: Summer 2020, August 4, 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

Graduated: Spring 2015, May 15, 2015

Cavazos, Arlene (Marketing)

Impact of Social Media on Consumer Behavior

Project Faculty Advisor: Dr. John Cicala

Presented: Honors College Symposium, April 27, 2019

Graduated: Spring 2018, May 17, 2018

Cavazos, Omar (Mechanical Engineering)

Intraocular Pressure Sensor

Project Faculty Advisor: Dr. Choongbae Park

Presented: Honors College Symposium, November, 4, 2017 (presented early)

Graduated: Spring 2018, May 18, 2018

Chapa, Roxanne (Communication Sciences and Disorders)

Velopharyngeal Closure Importance and the Differences in Normal Palates
and Cleft Palates

Project Faculty Advisor: Dr. Lakshmi Kollara Sunil

Presented: Honors College Symposium, April 29, 2019

Graduated: Summer 2019, May 17, 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

Graduated: Fall 2016, December 9, 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

Graduated: Spring 2018, May 18, 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

Graduated: Fall 2020, December 9, 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

Graduated: May 17, 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

Graduated: Spring 2020, May 12, 2020

Chukwu, Gladden Nkesi (Chemical Engineering and Mathematics)

Production of Ethylene Glycol

Project Faculty Advisor: Dr. Matthew Alexander

Presented: Honors College Symposium, April 27, 2019 (presented early)

Graduated: Fall 2019, December 13, 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

Graduated: Fall 2014, December 12, 2014

Cissna, Sydnee (Marketing; Minor: Agribusiness)

Water Resource Management Issues: Characterization of the Nueces River Watershed

Project Faculty Advisor: Dr. Benjamin Turner

Presented: Honors College Symposium, November 4, 2017

Graduated: Fall 2017, December 15, 2017

Clancy, Elizabeth (Mechanical Engineering)

The Process of a City Project

Project Faculty Advisor: Dr. Larry Peel

Presented: Honors College Symposium, May 2, 2015

Graduated: Spring 2015, May 15, 2015

Cortez, Coryfrancis (Communication Sciences and Disorder and Psychology)
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

Graduated: Spring 2014, May 9, 2014

Cortez, Jr., Jose Gerardo (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 (presented early)

Graduated: Spring 2018, May 18, 2018

Costley, Talitha (Civil Engineering)

Transforming Kingsville in 15 Years – Rangel Park

Project Faculty Advisor: Dr. Pat Leelani

Presented: Honors College Symposium, April 26, 2014

Graduated: Spring 2014, May 9, 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

Graduated: Spring 2015, May 15, 2015

Cruz, Elisa (Biomedical Sciences and Chemistry)

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

Graduated: Spring 2015, May 15, 2015

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 (presented early)

Graduated: Spring 2019, May 17, 2019

Cuellar, Ricardo (Mechanical Engineering)

Engineering in Public Utilities

Project Faculty Advisor: Dr. Rajashekar Mogiligidda

Presented: Through Blackboard Collaborate on March 25, 2021

Graduated: Spring 2021, May 7, 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 (presented early)
Graduated: Spring 2017, May 12, 2017
- Davis, Megan (Biomedical Sciences - Pre-Pharmacy)
The Microbiome of *Drosophila melanogaster*
Project Faculty Advisor: Dr. Maria Velez-Hernandez
Presented: Through Blackboard Collaborate on April 7, 2020
Graduated: Spring 2020, May 12, 2020
- Davison, Su-Yin P. (Animal Science - Pre-Veterinary Medicine)
Animals and National Identity: How Bhutan Explains Life
Project Faculty Advisor: Dr. Nirmal Goswami
Presented: Through Blackboard Collaborate on April 6, 2020
Graduated: Spring 2020, May 12, 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
Graduated: Spring 2019, May 17, 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
Graduated: Fall 2019, December 13, 2019
- De Los Santos, Christopher (Chemical Engineering)
Thio-Bromo Click Reactions
Project Faculty Advisor: Dr. Christopher E. Hobbs
Presented: Honors College Symposium, April 30, 2016
Graduated: Spring 2016, May 13, 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
Graduated: Spring 2020, May 12, 2020

- De Urioste, Daniela (Dani) (Political Science and History)
Incorporating Sustainability Principles into Early Childhood Education:
Lessons from Bhutan
Project Faculty Advisor: Dr. Nirmal Goswami
Presented: Honors College Symposium, August 1, 2013
Graduated: Summer 2013, August 10, 2013
- DeFrees, Amanda (Communications)
The Evolution of Media
Project Faculty Advisor: Dr. Nicole Morris
Presented: Through Zoom on July 19, 2021
Graduated: Summer 2021, August 6, 2021
- Deyhim, Niaz (Biomedical Sciences - Pre-Pharmacy)
Pharmacogenomic Treatment of Neuropsychiatric Illnesses and Disorders
Project Faculty Advisor: Dr. Elda Sanchez
Presented: Honors College Symposium, July 28, 2014
Graduated: Summer 2014, August 8, 2014
- 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
Graduated: Spring 2016, May 13, 2016
- Diaz, Ashley (History AND Political Science)
Voting Trends of Presidential Elections in Texas: 2008-2020
Project Faculty Advisor: Dr. Nirmal Goswami
Presented: Through Blackboard Collaborate on March 24, 2021
Graduated: Spring 2021, May 7, 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
Graduated: Fall 2015, December 11, 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
Graduated: Summer, 2015 - August 7, 2015

Dinn, James H., IV (Biomedical Sciences - Pre-Medical)

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

Graduated: Spring 2014, May 9, 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

Graduated: Fall 2014, December 12, 2014

Eiland, Jennifer (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

Graduated: Spring 2015, May 15, 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

Graduated: Spring 2019, May 17, 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

Graduated: Fall 2014, December 12, 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

Graduated: Summer 2014, August 8, 2014

Escobar-Ellison, Belize (Chemical Engineering)

Permitting Emergency Fire Water Pump Engines

Project Faculty Advisor: Dr. Breanna Bailey

Presented: Honors College Symposium, April 27, 20129 (presented early)

Graduated: Summer 2019, August 9, 2019

- Espinosa, Bianca (Communication Sciences and Disorders)
Bilingual Anomic Aphasia – Sentence Intelligibility
Project Faculty Advisor: Dr. Angel Ball
Presented: Honors College Symposium, November 22, 2014
Graduated: Fall 2014, December 12, 2014
- Esqueda, Lauren A. (Biomedical Sciences - Pre-Pharmacy)
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
Graduated: Spring 2020, May 12, 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
Graduated: Spring 2017, May 12, 2017
- Etheridge, Denise (Chemical Engineering)
The Dehydration of Methyl Acetate
Project Faculty Advisor: Dr. Carl David Murphy
Presented: Honors College Symposium, May 2, 2015
Graduated: Spring 2015, May 15, 2015
- Fakolade, Whitney (Biomedical Sciences - Pre-Pharmacy)
Epigenetic Regulation in Human Ovarian Cancer
Project Faculty Advisor: Dr. Chang Sung
Presented 11/19/16 Honors College Symposium, November 19, 2016
(presented early)
Graduated: Spring 2017, May 12, 2017
- Falade, Omolara (Biomedical Science – Pre-Pharmacy)
Gold Nanoparticles in Cancer Treatment
Project Faculty Advisor: Dr. Sajid Liu and Dr. Jingbo Liu
Presented: Through Zoom on July 19, 2021
Graduated: Fall 2021, December 10, 2021
- Fisher, Michael (Biomedical Sciences - Pre-Medical)
C-Type Lectin Research
Project Faculty Advisors: Dr. Elda Sanchez and Mr. Esteban Cantu
Presented: Honors College Symposium, April 22, 2013
Graduated: Spring 2013, May 10, 2013

Flaniken, Cassandra (Chemistry)

Catalytic Hydroamination of Alkenes

Project Faculty Advisor: Dr. Christine Hahn

Presented: Honors College Symposium, May 2, 2015

Graduated: Spring 2015, May 15, 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

Graduated: Fall 2016, December 9, 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

Graduated: Spring 2018, May 18, 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

Graduated: Spring 2020, May 12, 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

Graduated: Fall 2020, December 9, 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

Graduated: Spring 2019, May 17, 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

Graduated: Spring 2016, May 13, 2016

- Garberding, Matthew (Electrical Engineering)
Microcontroller Based Single-Axis Solar Tracking System
Project Faculty Advisor: Dr. Selahattin Ozcelik
Presented: Honors College Symposium, November 21, 2015 (presented early)
Graduated: Summer 2016, August 6, 2016
- Garcia, Delisa A. (Biomedical Sciences - Pre-Pharmacy)
CRISPR/CAS9 Therapeutic Methods for Complex Genetic Disorders
Project Faculty Advisor: Dr. Haeyoung Kim
Presented: Through Blackboard Collaborate on April 3, 2020
Graduated: Spring 2020, May 12, 2020
- Garcia, Roger C. (Biomedical Sciences - Pre-Medicine, and Chemistry)
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
Graduated: Spring 2020, May 12, 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
Graduated: Spring 2016, May 13, 2016
- Garcia, Trisha M. (Biomedical Sciences - Pre-Medicine)
JAMP and My Experience
Project Faculty Advisor: Mr. James Eric Winterbottom
Presented: Honors College Symposium, November 23, 2019
Graduated: Fall 2019, December 13, 2019
- 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
Graduated: Spring 2021, May 7, 2021
- Garza, Frank (Communications and Political Science)
Operating in a Newsroom
Project Faculty Advisor: Dr. Manuel Flores
Presented: Honors College Symposium, May 2, 2015
Graduated: Spring 2015, May 15, 2015

- Garza, Icia (Biomedical Sciences - Pre-Pharmacy)
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
Graduated: Spring 2019, May 17, 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
Graduated: Spring 2014, May 9, 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
Graduated: Spring 2020, May 12, 2020
- Gbenle, Ayomide (Biomedical Sciences - Pre-Medical)
Investigation into PolyQ Expanded Huntingtin Toxicity
Project Faculty Advisor: Dr. Rudi Bohm
Presented: Honors College Symposium, April 26, 2014
Graduated: Spring 2014, May 9, 2014
- Gerla, Laura R. (Biomedical Sciences, Pre-Medical)
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
Graduated: Spring 2013, May 10, 2013
- Glenn, Sierra Aiden Tillman (History)
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 (presented early)
Graduated: Fall 2020, December 9, 2020
- Gloria, Amanda (Biomedical Sciences)
Exosome Extraction and Purification
Project Faculty Advisor: Dr. Rudolf Bohm
Presented: Honors College Symposium, April 8, 2017
Graduated: Spring 2017, May 12, 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
Graduated: Spring 2013, May 10, 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
Graduated: Fall 2020, December 9, 2020
- 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 Symposium, April 8, 2017
Graduated: Spring 2017, May 12, 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, Trevor J. (Biomedical Sciences - Research)
Validation of Fatty Acids Regulated Genes in L6 Muscle Cells
Project Faculty Advisor: Dr. Yi Li
Presented: Honors College Symposium, April 30, 2016
Graduated: Spring 2016, May 13, 2016
- 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
Graduated: Fall 2014, December 12, 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 (presented early)
Graduated: Summer 2018, August 10, 2018

- 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
Graduated: Spring 2017, May 12, 2017
- 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 (presented early)
Graduated: Spring 2020, May 12, 2020
- 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
Graduated: Fall 2019, December 13, 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
Graduated: Spring 2019, May 17, 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 (presented early)
Graduated: Spring 2017, May 12, 2017
- Hayes, Kelsey (Human Nutrition)
The Fast Food Addiction
Project Faculty Advisor: Dr. Farzad Deyhim
Presented: Honors College Symposium, August 1, 2013
Graduated: Summer 2013, August 10, 2013
- Haynes, Victoria (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
Graduated: Spring 2015, May 15, 2015

- Heiner, Recca V. (Animal-Wildlife Vet Technology)
Botswana: Man vs. Nature
Project Faculty Advisor: Dr. Cariann Galloway-Montesano
Presented: Honors College Symposium, November 23, 2019 (presented early)
Graduated: Spring 2020, May 12, 2020
- Henning, Tyler (Computer Science)
Education Service Center, Region 2 Internship
Project Faculty Advisor: Dr. Avdesh Mishra
Presented: Through Blackboard Collaborate on March 25, 2021
Graduated: Spring 2021, May 7, 2021
- Hernandez, Alexander (Electrical Engineering)
Autonomous Lawnmower Software Development
Project Faculty Advisor: Dr. Lifford McLauchlan
Presented: Honors College Symposium, April 14, 2018
Graduated: Spring 2018, May 18, 2018
- Hernandez, Ariel D. (Psychology and History)
Affect of Social Media Use on Anxiety and Depression
Project Faculty Advisor: Dr. Donald W. Daughtry
Presented: Through Blackboard Collaborate on April 13, 2020
Graduated: Spring 2020, May 12, 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
Graduated: Fall 2014, December 12, 2014
- Hernandez, Eduardo (Lalo) (Biomedical Sciences – Public Health)
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
Graduated: Spring 2014, May 9, 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
Graduated: Spring 2015, May 15, 2015

Hernandez, III, Encarnacion (Chon) (Biomedical Sciences - Pre-Pharmacy)
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
Graduated: Summer 2013, August 10, 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
Graduated: Spring 2015, May 15, 2015

Hessek, Kaitlyn (Animal Science)
Bottled Raised Whitetail Fawns
Project Faculty Advisor: Dr. Michael Cherry
Presented: Through Blackboard Collaborate on November 11, 2020
Graduated: Fall 2020, December 9, 2020

Hewitt, Matthew (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
Graduated: Fall 2017, December 15, 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
Graduated: Spring 2014, May 9, 2014

Hlavinka, Avery (Biomedical Sciences - Pre-Pharmacy)
Influence of Environmental Conditions on *Salmonella* Growth
Project Faculty Advisor: Dr. Richard Laughlin
Presented: Honors College Symposium, November 4, 2017 (presented early)
Graduated: Spring 2018, May 18, 2018

Huebotter, Michaela (Architectural Engineering)
Design of an Event Center Structural System
Project Faculty Advisor: Dr. Breanna Bailey
Presented: Honors College Symposium, April 30, 2016
Graduated: Spring 2016, May 13, 2016

- 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 (presented early)
Graduated: Spring 2020, May 12, 2020
- Jaso, Myranda (Biomedical Sciences - Pre-Pharmacy)
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
Graduated: Spring 2017, May 12, 2017
- Jarzombek, Molly (Interdisciplinary Studies)
The Effect of an Honors College on Retention among First Year Students
Project Faculty Advisor: Dr. Kim McCuiston
Presented: Honors College Symposium, November 21, 2015 (presented early)
Graduated: Spring 2016, May 13, 2016
- Johnson, Rachel (Biomedical Sciences - Forensic Sciences)
Characterization and Classification of Castoff Spatter from Various Kitchen Knives
Project Faculty Advisor: Dr. Cynthia Galloway
Presented: Honors College Symposium, April 8, 2017
Graduated: Spring 2017, May 12, 2017
- Jurica, Cameron (Biomedical Sciences - Pre-Medical)
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
Graduated: Spring 2014, May 9, 2014
- Kaiser, Richard F. (Animal Science - Pre-Veterinary Medicine)
The Effects of Quebracho on Adipose Tissue
Project Faculty Advisor: Dr. Michelle Garcia
Presented: Through Blackboard Collaborate on April 6, 2020
Graduated: Spring 2020, May 12, 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
Graduated: Spring 2019, May 17, 2019

Kerr, Kristopher (Electrical Engineering)

Path Finding Robot

Project Faculty Advisor: Dr. Selahattin Ozcelik

Presented: Honors College Symposium, May 2, 2015

Graduated: Spring 2015, May 15, 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

Graduated: Spring 2013, May 10, 2013

Kurien, Jason (Biomedical Sciences)

Isolation and Purification of Crotoamine 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

Graduated: Spring 2014, May 9, 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

Graduated: Fall 2018, December 14, 2018

Larson, Carolyn (Spanish with Teacher Certification)

Heritage Learners in U.S. Public Schools

Project Faculty Advisor: Dr. Marco Íñiguez-Alba

Presented: Through Blackboard Collaborate on November 11, 2020

Graduated: Spring 2021, May 7, 2021

Le, Anh Nguyen Thuy (Chemistry - Pre-Health Science)

Detecting Potential Interactions between SALL2 and SOX2

Project Faculty Advisor: Dr. Chang K. Sung

Presented: Through Blackboard Collaborate on April 9, 2020

Graduated: Spring 2020, May 12, 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

Graduated: Spring 2014, May 9, 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

Graduated: Fall 2014, December 12, 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

Graduated: Spring 2020, May 12, 2020

Lopez, Audrey (Chemical Engineering)

Study of Crystal Growth Modifiers

Project Faculty Advisor: Dr. Matthew Alexander

Presented: Honors College Symposium, April 30, 2016

Graduated: Spring 2016, May 13, 2016

Lopez, Pamela (Music Education with Teacher Certification)

The Development of Mentoring a Horn Quartet

Project Faculty Advisor: Dr. Jennifer Sholtis

Presented: Through Blackboard Collaborate on November 11, 2020

Graduated: Spring 2021, May 7, 2021

Lorenzo-Luaces, Michael (Electrical Engineering)

Occupancy Sensor Design

Project Faculty Advisor: Dr. Chung Leung

Presented: Honors College Symposium, April 30, 2016

Graduated: Spring 2016, May 13, 2016

Lundin, Courtney (Biomedical Sciences - Pre-Medical)

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

Graduated: Spring 2014, May 9, 2014

Luo, Wei (Electrical Engineering)

Smart Water Monitor

Project Faculty Advisor: Dr. Lifford McLauchlan

Presented: Through Blackboard Collaborate on April 8, 2020

Graduated: Spring 2020, May 12, 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
Graduated: Fall 2020, December 9, 2020

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
Graduated: Spring 2015, May 15, 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
Graduated: Fall 2016, December 9, 2016

Martinez, Hugo (Chemical Engineering)

Synthesis & Characterization of Organic Semiconductors
Project Faculty Advisor: Dr. Xiaoliu Chi
Presented: Honors College Symposium, May 2, 2015
Graduated: Spring 2015, May 15, 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
Graduated: Spring 2021, May 7, 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
Graduated: Fall 2020, December 9, 2020

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
Graduated: Spring 2014, May 9, 2014

McKaughan, Matthew (Biomedical Sciences)

Cloning of Waprin Genes from the Venom Gland cDNA Library of
Bothriopsis colombiensis

Project Faculty Advisors: Dr. Elda E. Sanchez and Dr. Montamas Suntravat

Presented: Honors College Symposium, July 8, 2016

Graduated: Spring 2016, May 13, 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

Graduated: Summer 2013, August 10, 2013

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

Graduated: Fall 2018, December 14, 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

Graduated: Spring 2018, May 18, 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

Graduated: Fall 2014, December 12, 2014

Mercado, Francesca (Biomedical Sciences - Pre-Medical)

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

Graduated: Spring 2016, May 13, 2016

Miano, Brittany (Animal Science)

Early Breeding Fall Born Ewes Lambs

Project Faculty Advisor: Dr. Randy Stanko

Presented: Honors College Symposium, November 4, 2017

Graduated: Fall 2017, December 15, 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

Graduated: Spring 2017, May 12, 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

Graduated: Spring 2015, May 15, 2015

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

Graduated: Spring 2020, May 12, 2020

Montalvo, Dohnovan (Accounting)

The Enron/Andersen Scandal

Project Faculty Advisor: Dr. Kendra Huff

Presented: Honors College Symposium, November 23, 2019

Graduated: Fall 2019, December 13, 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

Graduated: Spring 2020, May 12, 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

Graduated: Spring 2018, May 18, 2018

Montez, Diane (Computer Science)

High Dynamic Range (HDR) Image Processing

Project Faculty Advisor: Dr. David Hicks

Presented: Honors College Symposium, November 3, 2018 (presented early)

Graduated: Spring 2019, May 17, 2019

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

Graduated: Fall 2014, December 12, 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

Graduated: Spring 2013, May 10, 2013

Moreno, Rosamaria Yvette (Biomedical Sciences and Chemistry)

Toxicity Score for *Crotalus atrox* Snake Venom

Project Faculty Advisor: Dr. Jacob Galan

Presented: Honors College Symposium, April 27, 2019

Graduated: Spring 2019, May 17, 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

Graduated: Spring 2015, May 15, 2015

Morrell, Taylor Elizabeth (Animal Science)

Animal Rights vs. Animal Welfare

Project Faculty Advisor: Dr. Wm. Brice Finney

Presented: 7/8/16 Honors College Symposium, July 8, 2016

Graduated: Spring 2016, May 13, 2016

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

Graduated: Fall 2016, December 9, 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

Graduated: Spring 2021, May 7, 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

Graduated: Fall 2020, December 9, 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

Graduated: Spring 2015, May 15, 2015

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

Graduated: Summer 2013, August 10, 2013

Odale, Jeremiah (Psychology)

Post-Traumatic Stress Disorder and Chaplaincy

Project Faculty Advisor: Dr. Pete Pardo, Jr.

Presented: Honors College Symposium, November 23, 2019

Graduated: Fall 2019, December 13, 2019

Okakpu, Uchenna (Chemical Engineering and Chemistry)

Isobutylene Production from Catalytic Dehydrogenation of Isobutane

Project Faculty Advisor: Dr. Matthew Alexander

Presented: Honors College Symposium, April 8, 2017

Graduated: Spring 2017, May 12, 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

Graduated: Spring 2015, May 15, 2015

Ortiz, Natalie (Biomedical Sciences - Pre-Pharmacy)

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

Graduated: Spring 2020, May 12, 2020

Ortiz, Sarvia T. (Animal-Wildlife Vet 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

Graduated: Spring 2021, May 7, 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

Graduated: Fall 2019, December 13, 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

Graduated: Spring 2019, May 17, 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

Graduated: Spring 2013, May 10, 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

Graduated: Spring 2016, May 13, 2016

Perez, Alexandria (Interdisciplinary Studies)

What Makes a Bad Teacher?

Project Faculty Advisor: Dr. Nelson Warren Miller

Presented: Honors College Symposium, November 21, 2015 (presented early)

Graduated: Spring 2016, May 13, 2016

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 (presented early)

Graduated: Fall 2020, December 9, 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

Graduated: Spring 2019, May 17, 2019

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

Graduated: Spring 2019, May 17, 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

Graduated: Spring 2020, May 12, 2020

Polly Kaitlin (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

Graduated: Spring 2015, May 15, 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

Graduated: Fall 2016, December 9, 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 (presented early)

Graduated: Spring 2017, May 12, 2017

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

Graduated: Spring 2016, May 13, 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
Graduated: Spring 2018, May 18, 2018
- Pulido Salinas, Daniela (Biomedical Sciences - Pre-Pharmacy)
Abundance and Distribution of Mosquitoes in Texas
Project Faculty Advisor: Dr. Weimin Xi
Presented: Honors College Symposium, November 23, 2019
Graduated: Fall 2019, December 13, 2019
- Ramirez, Corinna (Animal Science)
Diseases Affecting Animals in South Texas
Project Faculty Advisor: Dr. Randy Stanko
Presented: Honors College Symposium, November 22, 2014
Graduated: Fall 2014, December 12, 2014
- Ramos, Kaitlin (Architectural Engineering)
STEM Museum Landscape Design
Project Faculty Advisor: Dr. Xiaoyu Liu
Presented: Honors College Symposium, April 30, 2016
Graduated: Spring 2016, May 13, 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
Graduated: Fall 2019, December 13, 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
Graduated: Spring 2019, May 17, 2019
- 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
Graduated: Spring 2017, May 12, 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

Graduated: Spring 2019, May 17, 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

Graduated: Spring 2018, May 18, 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

Graduated: Spring 2016, May 13, 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

Graduated: Spring 2014, May 9, 2014

Rodriguez, Raquel (Psychology and Criminology)

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

Graduated: Spring 2014, May 9, 2014

Rodriguez, Serjio (Biomedical Sciences - Pre-Medicine)

Industry Analysis of Anesthesia

Project Faculty Advisor: Dr. Mauro Castro

Presented: Honors College Symposium, November 23, 2019

Graduated: Fall 2019, December 13, 2019

Roque, Madeline (Maddy) (Biomedical Science)

Commitment in Heterosexual Marriages

Project Faculty Advisor: Dr. Herminio Ibañez

Presented: Honors College Symposium, April 22, 2013

Graduated: Spring 2013, May 10, 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
Graduated: Spring 2017, May 12, 2017

Rosenbaum, Morgan (Veterinary Technology)

Contraceptives in Non-domestic Species in Zoo Medicine
Project Faculty Advisor: Dr. Clayton Hilton
Presented: Honors College Symposium, April 8, 2017
Graduated: Spring 2017, May 12, 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
Graduated: Spring 2017, May 12, 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
Graduated: Summer 2020, August 4, 2020

Sabawi, Fares (Communications)

The South Texan and Civil Rights
Project Faculty Advisor: Dr. Manuel Flores
Presented: Honors College Symposium, May 2, 2015
Graduated: Spring 2015, May 15, 2015

Sacurom, Katrina (Political Science)

Media Influences on Students during COVID-19 Pandemic
Project Faculty Advisor: Dr. Chika Rosenbaum
Presented: Through Blackboard Collaborate on November 12, 2020
Graduated: Fall 2020, December 9, 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
Graduated: Spring 2015, May 15, 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

Graduated: Spring 2014, May 9, 2014

Salazar, Joshua (Mechanical Engineering)

Abrahamic Religious Interpretations in Japan

Project Faculty Advisor: Dr. Chika Rosenbaum

Presented: Through Blackboard Collaborate on November 11, 2020

Graduated: Fall 2020, December 9, 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

Graduated: Fall 2020, December 9, 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

Graduated: Spring 2016, May 13, 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

Graduated: Spring 2017, May 12, 2017

Sanchez, Sophia (Animal Science)

Cryptorchidism

Project Faculty Advisor: Dr. Randy Stanko

Presented: Honors College Symposium, November 23, 2019

Graduated: Fall 2019, December 13, 2019

Sandoval, Jessica (Accounting)

Impact of Culture in Business

Project Faculty Advisor: Dr. Kendra Huff

Presented: Honors College Symposium, April 8, 2017

Graduated: Spring 2018, May 18, 2018

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

Graduated: Spring 2016, May 13, 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

Graduated: Spring 2014, May 9, 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

Graduated: Spring 2013, May 10, 2013

Schmidt, Patrick W. (Music Education with Teaching Certification) and Music Performance

Origins and Development of the Trombone Choir

Project Faculty Advisor: Dr. Oscar Diaz

Presented: Through Blackboard Collaborate on April 9, 2020

Graduated: Spring 2020, May 12, 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

Graduated: Spring 2020, May 12, 2020

Seams, Brenna (Civil Engineering)

Greenwood Drive: Pedestrian Facilities Improvements

Project Faculty Advisor: Dr. Pat T. Leelani

Presented: Honors College Symposium, April 30, 2016

Graduated: Spring 2016, May 13, 2016

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

Graduated: Spring 2020, May 12, 2020

Simek, Emily (Mathematics; Concentration: Teaching Certification)

Why do so Many Students Dislike Math?

Project Faculty Advisor: Dr. Ramiro Torres

Presented: Honors College Symposium, April 8, 2017

Graduated: Fall 2017, December 15, 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

Graduated: Spring 2018, May 18, 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

Graduated: Spring 2020, May 12, 2020

Stridde, William (History)

The French Revolution – A Family Drama

Project Faculty Advisor: Dr. Dean Ferguson

Presented: Honors College Symposium, November 22, 2014

Graduated: Fall 2014, December 12, 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

Graduated: Spring 2017, May 12, 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

Graduated: Spring 2014, May 9, 2014

Sulaica, Jonathan (Geology)

Central Texas Well Core Study

Project Faculty Advisor: Dr. Thomas McGehee

Presented: Honors College Symposium, April 22, 2013

Graduated: Spring 2013, May 10, 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

Graduated: Spring 2019, May 17, 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

Graduated: Spring 2019, May 17, 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

Graduated: Spring 2021, May 7, 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

Graduated: Spring 2016, May 13, 2016

Thacker, Amanda (Biomedical Sciences - Orthotics)

Transient Microbiota on TAMUK Campus

Project Faculty Advisor: Dr. Richard Laughlin

Presented: Honors College Symposium, November 23, 2019

Graduated: Fall 2019, December 13, 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

Graduated: Spring 2019, May 17, 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

Graduated: Spring 2020, May 12, 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 (presented early)
Graduated: Spring 2016, May 13, 2016
- 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
Graduated: Spring 2016, May 13, 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
Graduated: Spring 2017, May 12, 2017
- 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
Graduated: Spring 2020, May 12, 2020
- Tunnell, Parker (Biomedical Sciences - Pre-Medicine)
Salmonella Typhimurium Interactions with Gut Microbiome
Project Faculty Advisor: Dr. Richard Laughlin
Presented: Honors College Symposium, November 23, 2019
Graduated: Fall 2019, December 13, 2019
- 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
Graduated: Fall 2020, December 9, 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
Graduated: Fall 2018, December 14, 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
Graduated: Spring 2016, May 13, 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
Graduated: Summer 2018, August 10, 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
Graduated: Spring 2016, May 13, 2016
- Walker, Javon (Chemical Engineering and Mathematics)
Oily Sludge Degradation: A Bioremediation Approach
Project Faculty Advisor: Dr. Matthew Alexander
Presented: Honors College Symposium, November 4, 2017 (presented early)
Graduated: Spring 2018, May 18, 2018
- 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
Graduated: Spring 2016, May 13, 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
Graduated: Spring 2014, May 9, 2014
- Webb, Bradley (Mechanical Engineering)
Material Selection for Underwater Turbines
Project Faculty Advisor: Dr. Sangsoo Lee
Presented: Honors College Symposium, April 8, 2017
Graduated: Spring 2017, May 12, 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

Graduated: Spring 2018, May 18, 2018

Westmoreland, Deven (Computer Science Engineering)

Automation Testing Framework

Project Faculty Advisor: Robert J. Diersing

Presented: Honors College Symposium, November 21, 2015

Graduated: Fall 2015, December 11, 2015

Whiddon, Caleb Marcus (Biomedical Sciences - Pre-Medicine)

Cellular Growth Characteristics of *Salmonella* Typhimurium

Project Faculty Advisor: Dr. Richard Laughlin

Presented: Through Blackboard Collaborate on April 3, 2020

Graduated: Spring 2020, May 12, 2020

Whiddon, Elmer Court (Finance)

What is FDIC?

Project Faculty Advisor: Dr. William Procasky

Presented: Through Blackboard Collaborate on April 13, 2020

Graduated: Spring 2020, May 12, 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 (presented early)

Graduated: Fall 2020, December 9, 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

Graduated: Spring 2014, May 9, 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

Graduated: Spring 2019, May 17, 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

Graduated: Spring 2017, May 12, 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

Graduated: Spring 2016, May 13, 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

Graduated: Spring 2014, May 9, 2014

Wong, Cailin L. (Animal Science - Pre-Veterinary Medicine)

Nitrate Reductase Impact on *Salmonella* Colonization of Bovine Macrophages

Project Faculty Advisor: Dr. Nastasha Bell

Presented: Through Blackboard Collaborate on April 2, 2020

Graduated: Spring 2020, May 12, 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

Graduated: Spring 2019, May 17, 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 (presented early)

Graduated: Spring 2020, May 12, 2020

Yuraitis, Amanda (Psychology and Communications)

Sociosexuality: Can It Predict Relationship Satisfaction?

Project Faculty Advisor: Dr. Richard L. Miller

Presented: Through Blackboard Collaborate on Friday, July 24, 2020 (presented early)

Graduated: Fall 2020, December 9, 2020

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

Graduated: Fall 2019, December 13, 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 (presented early)

Graduated: Fall 2016, December 9, 2016