Busy Places and Crime: The Influence of Traffic and Activity on Crime at Commercial Properties
Student Presenter(s): Marissa Hinton
Faculty Advisor: Dr. Marie Tillyer

Mounting evidence suggests that there is considerable within-type variation in crime across places and land uses. This study uses InfoUSA business attribute data (i.e., number of employees, sales volume, building square footage) for various business types and neighborhood indicators such as traffic activity to examine whether crime at commercial properties is related to the busyness of businesses.

Using the Manualized and evidence-based Strong Start Social Emotional Learning program in SAISD
Student Presenter(s): Desiree Cervantes & Kelly Hernandez
Faculty Advisor: Dr. Felicia Castro-Villarreal

Strong Start was implemented in an elementary school in SAISD. Students in need of additional teaching and practice opportunities in social emotional learning were selected to participate. Students were rated on both adaptive and maladaptive behaviors at baseline and then again after completion of the program. Teachers rated most students as improved from baseline to post intervention.

Pupil Dilation, Motor Imagery and Cognitive Load
Student Presenter(s): Elena Camargo
Faculty Advisor: Dr. Alberto Cordova

Purpose is to measure if pupillometry can be used to measure cognitive load.

Supporting Female Students in STEM
Student Presenter(s): Sara Albers
Faculty Advisor: Dr. Zaid Haddad

Sara Albers’ project is in the area of interdisciplinary research. She explores the role of race, gender, and ethnicity in education, particularly as these categories impact the education of women in the US. She further focuses on equity and diversity initiatives that can help young women in education to break into the field of STEM Education.
Student Veteran Persistence and Graduation: An Exploratory Analysis Using Discrete-Time Hazard Models
Student Presenter(s): Vanessa Sansone & Jennifer Tucker
Faculty Advisor: Dr. Gerry Dizinno

This study responds to the call for longitudinal research on Veteran college student success (Vacchi & Berger, 2014). Specifically, a discrete-time hazard model was used to explore predictors associated with graduation and withdrawal for first-time transfer student Veterans and non-Veterans using an institutional dataset. Findings and discussion/implications are provided.

Take Shelter in My Arms: A Narrative Study of Homeless Romantic Couples That Met and Resided at a Temporary Living Facility
Student Presenter(s): Amanda Navarez
Faculty Advisor: Dr. Heather Trepal

Little counseling research exists about the romantic lives of homeless couples. Narrative qualitative inquiry was used to describe and analyze stories of six such couples from a temporary living facility. Relevant literature and Relational Cultural Theory were used to contextualize their stories and the advantages and challenges of their coupledom. Implications and recommendations were presented.

ZIP Code-Mapping San Antonio Population Characteristics
Student Presenter(s): Lily Tremaine
Faculty Advisor: Dr. Richard Harris

As part of an internship with the City of San Antonio's Human Services department this past summer, started taking a look at population characteristics by ZIP Code in the city, resulting in the development of a Hardship Index by ZIP Code and isolating the highest-hardship areas across numerous metrics. The project won an award from Tableau Public and became the focus of a social work policy class.

Rural Schooling Practices: Mexican-Descent Students and Their Teachers
Student Presenter(s): Mariana Zaragoza
Faculty Advisor: Dr. Josie Mendez-Negrete

In this study, the researcher asked teachers and their Mexican-descent students in a rural northern US community to complete a conocimiento activity, with the expectation that they would come to self-knowledge and interrogate unequal social systems. The researcher also did classroom observations to uncover vocational tracks and teacher beliefs.
Traveling on Fredericksburg Road: 120 years in 12 Miles
Student Presenter(s): Xuhua Cheng, Emi Furuya, Raul Montalvo, Peyvand Ali Amiri, Alvaro Espino, Raymond Flores, Marco Gonzalez, Braulio Hurtado, Britta Moe, & Barry Reyna
Faculty Advisor: Dr. Ian Caine

This exhibition investigates the historical foundations of North American suburbia by studying the life of a single street: Fredericksburg Road in San Antonio, Texas. Fredericksburg Road serves as an urban timeline that chronicles the physical expansion of San Antonio, one of the ten fastest growing cities in the United States. The timeline simultaneously tracks Time and Distance as a way to establish a chronology of physical expansion.

1000 Parks and A Line in the Sky: Broadway Avenue of the Future
Student Presenter(s): Aaron Stone, Mariano Garcia, Michelle Montiel, Jessica Gameros, & Jose Herrera
Faculty Advisor: Dr. Antonio Petrov

The Broadway corridor has the potential to become San Antonio’s great urban avenue, as it stretches from the airport right into the heart of downtown. Recent developments along the corridor and renewed interest in Broadway’s future have generated much discussion about what becoming an “urban” city might actually mean, however. Nearly fifty percent of Broadway’s urban landscape is flanked by parking space, while nearly all spaces along the corridor are tied to businesses, leaving almost no public space for people to gather as citizens and not consumers. 1000 Parks and A Line in the Sky engages with the city, and Broadway, on the ground by presenting 1000 frameworks for potential parks that are currently unused interstitial spaces along the corridor. It also explores San Antonio’s history of traveling in the sky through the Brackenridge Park and Hemisfair “Skyride,” which allowed people to experience the city from a completely new vantage point until 1999. The Urban Future Lab think tank and teaching lab at UTSA hopes to expand their understanding of public parks, public engagement, and what alternative transportation systems can be as they attempt to involve the community in designing a Broadway avenue of the future.