

**ANNOUNCING THE 2013 UTA MCNAIR SCHOLARS PROGRAM
SUMMER RESEARCH PRESENTATIONS!**

**Thursday, August 8, 2013
101 College Hall**

9:30 Gabriel Escobedo (Anthropology), Mentor: Dr. Josephine C. Ryan & Dr. Christian Zlolniski. *Loss of Language and Cultural Identity: U.S. Born Mexican-Americans in North Texas*

9:50 Chad Austin (Sociology), Mentor: Dr. Susan Gonzalez Baker
Exploring the Latino Homelessness Paradox: The Social and Cultural Buffers of Race, Poverty, and Homelessness

10:10 Diana Bueno (English), Mentor: Dr. Joanna Johnson
Teenagers at War: Double Consciousness and Adolescence in Two Novels of the Japanese Internment

10:30 Kristina Toth (Education – Math/Science), Mentor: Dr. Ann Cavallo
Analyzing Differences in Scientist and Science Perceptions, Self-Efficacy, and Science Enjoyment between Fourth Grade English Speaking Students and Hispanic English Language Learners

10:50 Laura Drzich (Biology), Mentor: Dr. Todd Castoe
Using High-throughput Illumina Sequencing to Infer Evolutionary Dynamics of Simple Sequence Repeats across Squamate Genomes

11:05 Break

11:15 Brandon Butler (Anthropology), Mentor: Dr. Shelley Smith
Dog Behavioral Patterns in Dog Parks

11:35 Khanh Vu (Biology), Mentor: Dr. Kytai Nguyen (Bioengineering)
Temperature-sensitive Nanoparticles for Lung Cancer Treatment

11:55 Bailey Sayles (Biology/Bioengineering), Mentor: Dr. Young-Tae Kim.
Quantitative Comparison of Metastasizing and Non-metastasizing Breast Cancer Cell Migration via Various Dimension Microchannels

12:15 Andrew Velasquez (Aerospace Engineering), Mentor: Dr. Frank Lu
Design of NACA 0012 Airfoil and Calibration Setup for Transonic Wind Tunnel

12:30 Lunch Break

1:30 Linda Dao (Biochemistry), Mentor: Dr. Liping Tang (Bioengineering)
Fabrication of Cytokine-Loaded Cancer Traps

1:50 Jeremy Cortez (Microbiology), Mentor: Dr. Shawn Christensen
Role of Reverse Transcriptase Domain 0 in Non-LTR Retrotransposon Integration

2:10 Victor Gonzalez Hernandez (International Business), Mentor: Dr. James C. Quick. *British Petroleum Gulf Deep-water Oil Spill: When a Business Becomes Unethical*

2:30 Alicia Ricci (Mathematics), Mentor: Dr. Tuncay Aktosun
Exact Solutions to the Korteweg-De Vries Equation

2:45 Break

2:55 Mireya Arroyo (Biology), Mentor: Dr. Laura Mydlarz
The Effect of Ocean Acidification on the Growth Rate and Metabolic Activity of Various Vibrio Species

3:15 Aspen Samuel (Psychology), Mentor: Dr. Linda Perrotti
Sex Differences in Morphine Conditioned Place Preference

3:35 Sarah Anderson (Biology), Mentor: Dr. Linda Perrotti (Psychology)
Molecular Signal Adaptations Caused by Cocaine, Conditioned Reward, and Estrogen

3:55 Destiny Price (Marketing), Mentor: Dr. Elten Briggs
An Analysis of Sports Industry Career Preparation with a Focus on Sports Marketing Undergraduate Curricula

4:15 Zachary Rodriguez (Biology, visiting Scholar from Clarkson University, NY), Mentor: Dr. Todd Castoe. *Phylogenetics of the Southeast Asian Vine Snake*