



**CONGRATULATIONS
2016- 2017 GRADUATES**

**UT ARLINGTON
MCNAIR SCHOLARS PROGRAM**



ELIEZER ALVARADO

Major: Biomedical Engineering

Mentor: Dr. Young-Tae Kim

Research Title: Analysis of Cortical Neuron Stimulation via Patch Clamp and How This Can Affect Glioblastoma Multiforme Research



TRISTEN CARDWELL

Major: Philosophy and English

Mentor: Dr. Kenneth Williford (Philosophy and Humanities)

Research Title: Essential Indexicality and Self-Consciousness



CLAUDIA CARRANZA

Major: Health Management

Mentor: Dr. Jeffrey McGee

Research Title: The Price of a Pill: Price Disparities of Common Diabetic Medications



SYDNEY COX

Major: Psychology

Mentor: Dr. Jeffrey Gagne

Research Title: The Relationship between Temperament, Externalizing Behaviors and Family Factors in Young Children



KATIE KANG

Major: Microbiology

Mentor: Dr. Kayunta Johnson-Winters

Research Title: $F_{420} H_2:NADP^+$ Oxidoreductase
Hydride Transfer Rates: Kinetic Analysis of
Thr09 Mutant



ESTHER KENTISH

Major: English

Mentor: Dr. Crystal Elerson

Research Title: Logos for President: A Look at
the Logos for the 2016 Presidential Primary
Candidates



MINWOO KIM

Major: Political Science

Mentor: Dr. Herschel Thomas

Research Title: Content Analysis of Foreign Policy Speeches: Critical Issues Based on North Korea



NICOLAS LONG

Major: Mechanical Engineering

Mentor: Dr. Andrew Makeev (Mechanical and Aerospace Engineering)

Research Title: Characterization of Early Damage in Airframe Structures using Embedded Magnetostrictive Particles



KAYLEIGH MIRANDA

Major: Music Education

Mentor: Dr. Graham Hunt

Research Titles: Abhorrence or Adoration: The Evolving Transverse Flute and its Involvement in Mozart's Life and Compositions (Summer 2015)

Will the Real Amadeus Please Stand Up: A Historic Reappraisal of Peter Shaffer's *Amadeus* and the Memoirs of Lorenzo Da Ponte (Summer 2016)



MICALAH SPENRATH

Major: Earth & Environmental Science

Mentor: Dr. Ashanti Johnson

Research Title: Identification of the Plateau of Cadmium Extraction from an Aquatic Medium by Invasive Macrophyte: *Eichhornia crassipes*