

Chemistry and Biochemistry Poster Presenters at the Texas Tech University Undergraduate Research Conference (2018)

Stephan Azatian – “SYNTHESIS OF MULTI-PART RAD50 FOR NUCLEAR
MAGNETIC RESONANCE SPECTROSCOPY ANALYSIS OF
COILED-COIL DOMAIN IN FULL-LENGTH RAD50”

Misty Campbell – “ANALYSIS OF GLYCOPEPTIDES DERIVED FROM
ESOPHAGUS DISEASE BLOOD SERUM USING LCMS/MS
AND CE-MS/MS”

Claire Crawford – “PSEUDOCOCCIDAE DETOXIFICATION ABILITIES OF
ERYTHROXYLUM COCA AND ERYTHROXYLUM
NOVOGRANATENSE”

Inah Bianca Embile – “LOW-TEMPERATURE PLASMA MASS SPECTROMETRY
COUPLED WITH THIN LAYER CHROMATOGRAPHY
FOR DIRECT ANALYSIS OF COMPOUNDS”

Adrian Falco – “THE APPLICATION OF HETERODYNE SONOCHEMISTRY IN
THE FORMATION OF NANOMETRIC MATERIALS”

Chance Garcia – “GROUP-ASSISTED PURIFICATION (GAP) SYNTHESIS”

Amanda Miller – “THE REDUCTIVE SONOCHEMICAL SYNTHESIS OF
SUPERPARAMAGNETIC NANOPARTICLES (SPMNS) FOR
BIOMEDICAL APPLICATIONS”

Chad Pesek – “INVESTIGATING MICROSECOND-PULSED GLOW DISCHARGE
UTILIZING A PULSED LASER-SCATTERING INSTRUMENT”

Cecilia Smith – “SYNTHESIS, CHARACTERIZATION, AND CATALYTIC
ACTIVITY OF IRON-BIAN COMPLEXES”

Carina Vasquez – “MINIMAL COMPOSITION OF THE STATOR STALK OF ATP
SYNTHASE”