



Philippine Brossard

Mentor:

Dr. Matthew Hoch

Associate Professor of Aquatic and Microbial Ecology Department of Biology

Major in Biology

"Comparing Tardigrade
Abundance and Community
Composition in Lichen from
Coastal and Inland Areas: Does
Sea Salt Aerosol Matter?"







Kaitlyn B. Cherry

Mentor:

Dr. Gina Hale, RN, CNE Associate Professor of Nursing JoAnne Gay Dishman School of Nursing

Major in Nursing

"Exploring Causes,
Manifestations, and
Interventions of
Autism Spectrum Disorder
Among Nursing Students."







Caleb Gregory

Mentor:

Dr. Rafael De La Madrid

Associate Professor of Physics Department of Physics

Major in Chemical Engineering and Physics

"A Neutron Veto for Dark Matter Detection."







Alexa Heng

Mentor:

Dr. Jennifer Fagen
Associate Professor of Sociology
Department of Sociology, Social Work, and Criminal
Justice

Major in Sociology

"Understanding Victims of Sexual Assault: Deconstructing Emotional Manipulation Tactics Perpetrated Against Asian American Women."







Tyler Stuck

Mentor:

Dr. Cristian Bahrim

Professor of Physics Department of Physics

Major in Physics and Mathematics

"Generating the Curve of Dispersion for Silica glasses using a Diode Laser and an Isotropic Source of Energy."







Brandon Stumpf

Mentor:

Dr. Jeff Forret Professor of History Mentor:

Dr. Yasuko Sato Associate Professor of History Department of History Mentor:

Dr. Yan Yan Assistant Professor of Education Teacher Education Program

Major in History

"Intellectual Filth: How Higher Education Was Weaponized in Nazi Germany."







Madison Taylor

Mentor:

Michelle Hext, MSN, APRN, CPNP-PC, FNP-C, ENP-C, PMHNP-BC, Doctoral Candidate UTHealth Instructor of Nursing JoAnne Gay Dishman School of Nursing

Major in Nursing

"Where Critical Care and Mental Health Collide – The Association Between Hospitalized Critical Care Patients and Mental Health Disorders."







Abdulhalim Hachicho

Mentor:

Dr. Hassan Zargarzadeh

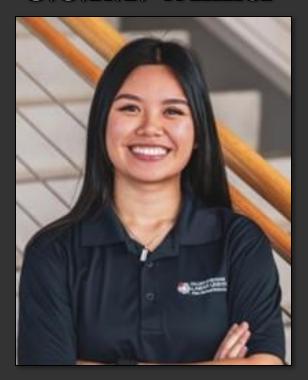
Associate Professor of Electrical Engineering
Phillip M. Drayer Department of Electrical Engineering

Major in Electrical Engineering

"Investigating the Change of Light Projection Angle on the Performance of Photovoltaic Cell Structures."







Victoria Nguyen

Mentor:

Dr. Robert Kelley Bradley

Assistant Professor of Industrial Engineering
Department of Industrial and System Engineering

Major in Industrial Engineering

"The Potential of Milled Oyster Shell Fillers on the Properties of Thermoplastic Composites."







Isabella Sandino

Mentor:

Dr. Zhe Luo
Assistant Professor of Reese Construction
Management Program

Major in Mechanical Engineering Minor in Construction Management

"Application of Virtual Reality in Construction Safety Training."







Kristin Herbert

Mentor:

Dr. Shannon Jordan

Assistant Professor of Health and Kinesiology Department of Health and Kinesiology

Major in Exercise Science

"Landing Mechanics and Muscle Activation in Modern Dancers."







Sarah Anderson

Mentor:

Dr. Millicent Musyoka

Associate Professor of Deaf Studies and Deaf Education Department of Deaf Studies & Deaf Education

Major in American Sign Language (Teaching)

"Deaf Parents Supporting Hearing Children's Language and Literacy Development."







Haley Perkins

Mentor:

Dr. Zanthia Smith

Associate Professor of Deaf Studies and Deaf Education Department of Deaf Studies & Deaf Education

Major in American Sign Language

"Leveling Up: A Tri-state Exploration of BEI Interpreter Certification."







Faith Singh

Mentor:

Debra Greschner

Instructor of Voice Mary Morgan Moore Department of Music

Major in Music Education with Vocal Concentration

"A Guide to Vocal Health for Pre-professional and Neophyte Music Teachers."

