Texas A&M University-CONACYT Research Grant Program
2017 Awarded Proposals

A model of diversity: Capitella spp. in the Gulf of Mexico
Anja Schulze, Marine Biology, Texas A&M Galveston
María Nuria Méndez Ubach, Universidad Nacional Autonoma de Mexico (UNAM)

Discovery of New Antibiotics through EvoMining and Fitness Typing
Paul Straight, Biochemistry and Biophysics, Texas A&M
Francisco Barona, Centro de investigacion de Estudios (CINVESTAV)

Ecology, genetics and parasite diversity of conservation concern bird species
Gary Voelker, Widlife and Fisheries Sciences, Texas A&M
José Ignacio González Rojas, Universidad Autónoma de Nuevo León (UANL)

Evaluating the Social-Emotional and Academic Realities of Migrant Mexican Children: From Assessment to Intervention
Sara Castro-Olivio, Educational Psychology, Texas A&M
Elena Quiroz, Universidad Pedagogica Nacional (UPN)

Health Outcomes of Water Insecurity in Urban Mexico: A Pilot Project
Genny Carrillo, Asthma Research and Education, Texas A&M
Felipe Javier Uribe Salas, Colegio de la Frontera Norte (COLEF)

Impact of NGO-assisted women's co-operatives on the health and well-being of participating indigenous women and their communities
Christine Budke, Veterinary Integrative Biosciences, Texas A&M
Blanca Alejandra Camargo Ortega, Universidad de Monterrey (UDEM)

Investigation of slip behavior and seismic hazard along the Mexican subduction zine
Benchun Duan, Geology and Geophysics, Texas A&M
Luis Antonio Dominguez Ramirez, Universidad Nacional Autonoma de Mexico (UNAM)

Nanoparticles-enhanced Additive Manufacturing of Metals
Chao Ma, Engineering Technology and Industrial Distribution, Texas A&M
Juan Alvarado, Centro de Ingenierria y Desarrollo Industrial (CIDESI)

Silencing mRNA 34a via Crosslinkosome to prevent diabetes
Dongin Kim, Pharmaceutical Sciences, Texas A&M
Ana Barba de la Rosa, Instituto Potosino de Investigacion Cientifica y Tecnológica (IPICYT)

Spread of containment antibiotics and antibiotic resistance in soils due to extreme weather events
Itza Mendoza, Environmental and Occupational Health, Texas A&M
Rosanna Bonasia, Instituto Politecnico Nacional

Special Research Programs

Advancing the long-sought replacement of fishmeal and fish oil with microalgal feedstuffs in sciaenid fish: Effects on biological performance and gene expression
Delbert Gatlin, Wildlife and Fisheries Sciences, Texas A&M

Martin Perez-Velazquez, Universidad de Sonora (USON)

Quantifying and Modeling the Rising Concentrations of Toxic fluoride and Arsenic in Aquifers Underlying Cities in the Independence Basin: A Bi-National Research-Education Approach

Peter Knappett, Geology and Geosciences, Texas A&M
Yanmei Li, University of Guanajuato (UGTO)