

Texas A&M University-CONACYT Research Grant Program 2018 Awarded Proposals

Type I

Transmission of Zika and other viruses among mosquitoes, primates, and dogs in Southern and Northern Mexico

Gabriel Hamer, Entomology, Texas A&M
Héctor Ochoa, El Colegio de La Frontera Sur (ECOSUR)

Safeguarding a key migratory pollinator in Mexico and the United States

Thomas Lacher, Wildlife and Fisheries Sciences, Texas A&M
Jose Juan Flores Maldonado, Especies Sociedad y Hábitat, A.C.

A linked Mexico-Texas environmental observatory to investigate hurricane-induced carbon losses in coastal ecosystems

Georgianne Moore, Ecosystem Science and Management, Texas A&M
Armando Trasvina Castro, Centro de Investigacion Ceintifica y de Educacion Superior de Ensenada (CICESE)

Can the anchialine cave fauna of Cozumel be considered part of the Yucatan Peninsula?

Thomas M. Iliffe, Marine Biology, Texas A&M University at Galveston
Fernando Alvarez, Universidad Nacional Autonoma de Mexico (UNAM)

Optimized processing for nutritional compounds using underutilized tropical fruits and by-products

Susanne Talcott, Nutrition and Food Science, Texas A&M
Neith Aracely Pacheco López, Centro de Investigación y Asistencia en Tecnología y Diseño del Estado de Jalisco A.C. (CIATEJ)

Food-energy-water security in a transborder urban context

Burak Günerlap, Geography, Texas A&M
Gian Carlo Delgado, Universidad Nacional Autónoma de México (UNAM)

Population genomics of Tick-borne Protozoa causing Bovine Babesiosis

Maria Esteve- Gasent, Veterinary Pathobiology, Texas A&M
Roger Iván Rodgriguez- Vivas, Universidad Autonoma de Yucatan (UADY)

Assessing the impacts of POPs on wildlife in the Lerma-Chapala watershed (A contribution to Mexico's action plan for reducing and preventing hazards of POPs to biota and humans)

Miguel Mora, Wildlife and Fisheries Sciences, Texas A&M
Dioselina Alvarez- Bernal, Instituto Politecnico Nacional- Unidad Michoacán

Type II

Molecular suppression of locust gregarization: Field verification of gene knockdown by RNA interference in the Central American locust (*Schistocerca piceifrons*) in Yucatan, Mexico

Hojun Song, Entomology, Texas A&M

Emiliano Loeza, Instituto nacional de Investigación Forestal Agricolas y Pecuarias (INIFAP)

Power Electronics Intelligence at the Network Edge (PINE): Powering through the disaster

Prasad Enjeti, Electrical and Computer Engineering, Texas A&M

Jaime Eduardo Arau Roffiel, Centro Nacional de Investigación y Desarrollo Tecnológico (CENIDET)

Linkages between land use, ground water pollution, and cyanotoxins: a comparison between lake-like and stream-like systems, and between urban and rural landscapes

Daniel Roelke, Wildlife and Fisheries Sciences, Texas A&M

Cecilia Hernández Zepeda, Centro de Investigación Científica de Yucatán (CICY)