

2005 Texas A&M University - CONACyT Awards

Texas A&M University Principal Investigator	Texas A&M Department	Mexican Principal Investigator	CONACyT Registered Institution	GRANT TITLE
Leslie G. Adams	Veterinary Pathobiology	Jose Gutierrez-Pabello	FMVZ-UNAM	Association of Natural Disease Resistance in Cattle and Macrophage Inflammatory Gene Expression Profiles
Christine Ehlig-Economides	Petroleum Engineering	Alberto Mendoza	Instituto Tecnológico y de Estudios Superiores de Monterrey	Comparing Combustion and Syngas Processes using Petroleum Coke (Pet-Coke) and Coal for Industrial Heat and Power Generation
Jorge Alvarado	Engineering Technology and Industrial Distribution	Jose Mireles, Jr.	UACJ	Development, Calibration and Implementation of a Micro-Scale Flow Meter
S. Vinson	Entomology	Hector Gonzalez-Hernandez	CP	Developing Environmentally Friendly Management Technologies for Emerging Insect Pests of Tequila Agave
Thomas Ficht	Veterinary Pathobiology	Efren Diaz-Aparicio	INIFAP	Development of <i>Brucella canis virB</i> Mutants and its Study in a Cellular Model
Ricardo Gutierrez-Osuna	Computer Science	Isaac Rudomin	ITESM-CEM	Facial Caricaturing as a Training Tool for Security
Manuel Soriaga	Chemistry	Nikola Batina	Universidad Autonoma Metropolitana-Iztapalapa (UAM)	Green Electroanalytical Chemistry: Remote Trace-Level Selenium Sensor
Julio Bernal	Entomology	Enrique Aranda-Herrera	Monterrey Institute of Technology (ITESM)	Integrated Pest Management for Pecans in the Laguna Region of Coahuila
Prasad Enjeti	Electrical and Computer Engineering	Jaime Arau	CENIDET	Investigation of Fuel Cells for Distributed Energy
Chii-Der Suh	Mechanical Engineering	Martin Baltazar Lopez	CENIDET	Mango Slices Dryer Using Continuously Fed Air Heated by Solar Energy
Sergiy Butenko	Industrial and Systems Engineering	Yuriy Shkvarko	Cinvestav del IPN	Optimization Algorithms for Network Design and Data Processing in Remote Sensing
Suresh Pillai	Poultry Science	Ilangovan Kuppusamy	Instituto Tecnológico y de Estudios Superiores de Monterrey	Quantifying Health Risks in Mexico Associated with Contaminated Fruits and Vegetables via Pathogens in Irrigation Water
Stephen Searcy	Biological and Agricultural Engineering	Juvenal Guitierrez-Castillo	Tecnológico de Monterrey	Use of Precision Agriculture Technologies to Reduce the Overuse and Degradation of Water in Pecan Production
Allison Rice-Ficht	Molecular and Cellular Medicine	Gilberto Chavez Gris	Universidad Nacional Autonoma de Mexico	Validation and Development of Diagnostic Assays for <i>Mycobacterium paratuberculosis</i> infections
Duane Kraemer	Veterinary Physiology and Pharmacology	Salvador Romo	UNAM	Vitrification of <i>in vivo</i> and <i>in vitro</i> -Derived Brahman Cattle Embryos