

# 2002 Texas A&M University - CONACYT Awards

Texas A&M University Principal Investigator	Texas A&M Department	Mexican Principal Investigator	CONACYT Registered Institution	GRANT TITLE
Kirby Donnelly	Environmental and Occupational Health	Karim Acuna-Askar	UANL	Biomarkers of Chemical Exposure and Sensitivity in Populations on the Texas-Mexico Border
Maria Barrufet	Petroleum Engineering	Gustavo Iglesias	ITC	Design and Optimization of Oil Field Brine Conversion Processes to Water of Irrigation Quality
Reza Langari	Mechanical Engineering	Edgar Sanchez	CINVESTAV	Development of Intelligent Rollover Warning and Control Systems for Tractor- Semitrailers
L. Garry Adams	Veterinary Pathobiology	Jose Angel Gutierrez Pabello	UNAM	Influence of the Host Genetic Background; the Bacterial Virulence and Mycobacterial Peptides in Bovine Macrophage
Claire Williams	Forest Science	M. Humberto Reyes Valdes	NARRO	Information Theory to Forest Genomics
Ayal Anis	Texas A&M University at Galveston	Martin Merino	UNAM	Investigation of the Physical and Biogeochemical Processes in Valle de Bravo Freshwater Reservoir
Mahlon Kennicutt, III	Oceanography	Elva Escobar Briones and Pedro Morales Puetno	UNAM	Methane in Marine Karst Environments: A Joint U.S./Mexico Interdisciplinary Program
Chuck Kenerley	Plant Pathology and Microbiology	Alfredo Herrera-Estrella	CINVESTAV	Molecular Basis of the Mycoparasitic Response in the Biocontrol Fungus Trichoderma
Ian MacDonald	Oceanography	Elva Escobar Briones	UNAM	Natural Hydrocarbon Seeps of the Gulf of Mexico
Steve Liu	Computer Science	Jorge Enrique Preciado Velasco and Roberto Conte Galvan	CICESE	On the Development of a Virtual Software System Laboratory Architecture and its Prototype
Luis Cisneros-Zevallos	Horticulture Science	Carmen Hernandez	ITESM	Process Development and Health Benefits of Value-added Functional Extracts from Native American Crops for their use in the U.S. Food and Pharmaceutical Industry
John Moroney	Economics	Flory Anette Dieck Assad	ITESM	Sustainable Growth: Mexico and the United States
Ozden Ochoa	Mechanical Engineering	Sergey Kanaun	ITESM	Theoretical and Experimental Investigation of Carbon Foam Composites
Jan Hughes	Department of Educational Psychology	Maria T. Montero Mendoza	UACJ	Understanding How Connectivity Between and Among Children, Families, Community, and Schools Promotes and/or Impedes School Readiness in Colonias on the U.S.-Mexico Border
Merwyn Kothmann	Rangeland Ecology and Management	Heriberto Diaz Solis	NARRO	User-Oriented Models for Assessing Ecological and Economic Drought Risks on Semi-Arid Rangelands
Sheng-Jen Hsieh	Engineering Technology and Industrial Distribution	Manual Macias	ITESM	Virtual Laboratory for Advanced Manufacturing Automation and Control