

2007 Texas A&M University - CONACYT Awards

Texas A&M University Principal Investigator	Texas A&M Department	Mexican Principal Investigator	CONACYT Registered Institution	GRANT TITLE
Ayal Anis	Marine Sciences/TAMUG	David Alberto Salas-de-León	UNAM	Pollutant Dispersion in Coastal Waters and Reef Systems
Duncan S. Mackenzie	Biology	Dariel Tovar-Ramirez	CIBNOR	Arginine and glutamine metabolism in cultured fish: growth, biosynthesis and homeostasis
Frances Gelwick	Wildlife and Fisheries Sciences	Karim Acuna-Askar	UANL	Interactions between fish and microbes within aquatic systems and their effects on ecosystem services to humans
Sheng-Jen Hsieh	Engineering Technology and Industrial Distribution	Jesús Carlos Pedraza Ortega	CIDESI	Design for Remote Monitoring, Control, and Diagnosis of Automated Assembly System
Stefan Hurlebaus	Civil Engineering	Arturo Baltazar Herrejón	CINVESTAV	Development of an Ultrasonic Technique for Monitoring Damage of Overhead Power Lines
Yongmei M. Jin	Aerospace Engineering	Gerardo Trápaga	CINVESTAV	Collaborative Research: Computational Modeling and Experimental Verification of Solidification and Microstructural Evolution of Al-Si-Sr Alloys
M. Sam Mannan	Chemical Engineering Department	Richart Vázquez Román	Instituto Tecnológico de Celaya	An Optimal Plant Laying-out Approach Based on Process Safety Issues
Waithaka Mwangi	Veterinary Pathobiology	Jesus Hernandez	CIAD	Enhancing Vaccine Efficacy against Porcine Reproductive and Respiratory Syndrome Virus by Dendritic Cell Antigen Targeting
William H. Neill	Wildlife and Fisheries Sciences	Felipe Ascencio Valle	CIBNOR	Applying Science to Resolve Critical Problems of the Tuna Industry: Optimized Technology and Sustainability for Yellowfin Tuna Ranching in Baja, Mexico
Patricia V. Pietrantonio	Entomology	Consuelo Almazán García	UAT	Towards target validation of proteins for the control of the cattle fever tick <i>Boophilus microplus</i> , phase I: Development of gene silencing techniques (RNA interference) and supporting protocols for legumains and G protein-coupled receptors
Suresh D. Pillai	Nutrition & Food Science and Poultry Science	Marisa Mazari Hiriart	UNAM	Electron Beam Pasteurization of Fresh Produce to Eliminate Escherichia coli O157:H7 and Hepatitis A Virus Contamination and Consumers' Willingness to Pay for Electronically Pasteurized Fresh Produce in Mexico
Angie Hill Price	Engineering Technology & Industrial Distribution	Carlos Rubio-González	CIDESI	Calibration of ultrasonic transducers for a pipeline inspection device.
Othon Rediniotis	Aerospace Engineering	Tomás Salgado Jiménez	CIDESI	Station-Keeping of Underwater Robotic Vehicles
William L. Rooney	Soil & Crop Science	Sergio Serna-Saldivar/DR. SERGIO ROMAN OTHON SERNA SALDIVAR	ITESM	Designing Sorghum and Sorghum Production Systems for the Biofuels Industry
Gilbert T. Rowe	Marine Biology/TAMUG	Lydia B. Ladah	CICESE	FLOO - Fluxes Linking Offshore and Onshore: Transport of pollutants, nutrients, and larvae, and the effect on ecologically and economically important benthic species
Brad Vinson	Entomology	Martín Aluja	Unidad de Entomología Aplicada	Studies on the Biology of Meliutobia parasitoid wasps in Mexican, a possible emerging control of Mexican fruit flies and/or Mushroom Flies