

Grants for Research Advancement and Transformation (GREAT) Program Funding Winners FY2015

The **G**rants for **R**esearch **A**dvancement and **T**ransformation (GREAT) program, sponsored by the Office of the Vice President for Research at the University of Texas at San Antonio (UTSA), has recently awarded six seed grants in the amount of \$20,000 each to support new areas of research for faculty at UTSA. The primary goal of these awards will be to assemble preliminary data that can be used seek extramural funding and advance UTSA's goal of reaching Tier I status. The competition was extremely close and those awarded were chosen for their proposed projects potential to secure extramural funding to further their research in future years.

College of Architecture

Angela Lombardi, Ph.D. – Assistant Professor, Department of Architecture

The Franciscan Missions of the Camino Real: Applying Geo-Technology to Research for Cultural Heritage Management

College of Engineering

Adel Alaeddini, Ph.D. – Assistant Professor, Department of Mechanical Engineering

Integrative Statistical and Operational Methods for Effective Chronic Disease Management

Krystel Castillo, Ph.D. – Assistant Professor, Department of Mechanical Engineering

Integrated Modeling and Optimization of Supply Chain Design for Sustainable Bioenergy Systems

College of Liberal and Fine Arts

Robert Hard, Ph.D. – Professor, Department of Anthropology

Reconstructing Holocene Paleoclimate in Southwestern New Mexico

College of Sciences

Robert Renthal, Ph.D. – Professor, Department of Biology

How Begomovirus Manipulates Whiteflies for Transmission to Plant Hosts

Waldemar Gorski, Ph.D. – Professor, Department of Chemistry

Determination of Enzyme Biomarkers and Nanoparticle-Based Enzyme Inhibition

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