



# THE STATE OF TEXAS

## GOVERNOR

*To all to whom these presents shall come,  
Greetings: Know ye that this official recognition is  
presented to:*

### **The University of Texas–Pan American Department of Mechanical Engineering**

Drs. Constantine M. Tarawneh, Stephen W. Crown, Arturo Fuentes,  
Robert Jones, Javier A. Kypuros, and students

*I am pleased to congratulate you on your extraordinary and successful efforts to address bearing temperature trending, a problem that has plagued the railroad industry for years. In stepping forward to tackle a problem others shied away from, you showed true Texas grit. Through your outstanding research, and by including students in the work and demanding their best, you have helped cement The University of Texas–Pan American's reputation as an institution of excellence and innovation in the mechanical engineering field.*

*I also commend Brenco and Amsted Industries Inc. for their vigorous support of this worthy project.*

*First Lady Anita Perry joins me in wishing you continued success.*



*In testimony whereof, I have signed my name and caused the Seal of the State of Texas to be affixed at the City of Austin, this the 29<sup>th</sup> day of October, 2009.*

*Rick Perry*

Rick Perry  
Governor of Texas