

**AWARDS MADE IN THE FIRE GRANTS  
PROGRAM DURING FISCAL YEAR 2005**

**January 4, 2006**

<b>Institution</b>	<b>PI</b>	<b>Title</b>	<b>Total Award</b>
Univ. of North Texas	N. D'Souza	Layer Double Hydroxides for Flame Retardant Nanocomposites	\$71K
Res. Fdnt. of CUNY	N. Groner	Transfer of Cognitive Engineering Theory and Practice to Building Protection Systems Design	\$35K
Univ. of Maryland	T. Kashiwagi	Flame Retardant Mechanism of the Nanotubes-Based Nanocomposites	\$105K
Society of Fire Protection Engineers	M. Hurley	Analysis of FDS Thermal Detector Response Predictive Capability	\$23K
Univ. of Florida	A. Long	Fire Spread and Structural Ignitions from Horticultural Plantings in the Wildland-Urban Interface	\$239K
Coeur d'Alene Tribe	J. Arnold	Enhancing the Fire Dynamics Simulator for Modeling Fire Behavior in the Wildland-Urban Interface	\$233K
Hughes Associates	J. Floyd	Multi-Parameter, Multiple Fuel Mixture Fraction Combustion Model for the Fire Dynamics Simulator	\$288K
Univ. of Maryland	P. Sunderland	Fire Safety Risks Associated with Leaks in Hydrogen Systems	\$327K