

**AWARDS MADE IN THE FIRE GRANTS
PROGRAM DURING FISCAL YEAR 2007**

April 14, 2008

Institution	PI	Title	Total Award
University of MD	A. Trouve	Modeling of Backdraft Phenomena in the Fire Dynamics Simulator	\$ 67K
Tennessee Technology Institute	H. Stretz	Determination of Montmorillonite Nanocomposite Aggregation Rates Using Real Time X-Ray Diffraction Techniques at High Temperatures	\$ 67K
Hughes Associates, Inc.	S. Gwynne	Development of a Facility Enabling the Collection, Dissemination and Application of Data Relating To Human Behavior in Fire	\$193K
University of MD	F. Mowrer	Effects of Thermal Environment on the Performance Of Thermal Imaging Cameras	\$ 60K
University of Texas	O. Ezekoye	Positive Pressure Ventilation Induced Transport of Fire Products in a Residential Structure	\$313K
Michigan State University	V. Kodur	Collaborative Research to Develop Guidelines for Fire Safety Design of Steel Beam-Columns	\$124K
Princeton University	M. Garlock	Collaborative Research to Develop Guidelines for Fire Safety Design of Steel Beam-Columns	\$ 84K
Michigan State University	V. Kodur	NSF Workshop on Structures and Fire: Research Needs and State-of-the-Art	\$ 16K
RGR Consulting	R. Rehm	Landscape Model for WUI Fire Spread	\$196K
University of Utah	S. Krueger	Multi-Scale Modeling of Wildfires	\$289K
Case Western Reserve	C. Sung	Ignition Propensity of Hydrogen in the Presence of Metal Surfaces	\$300K
Fire Cause Analysis	J. Zicherman	Southern California Urban/Wildland Interface Fires Dataset (SCUWI): Scoping and Resolution Study	\$ 25K