Ridgetop Group, Inc.

6595 North Oracle Road

Tucson, AZ 85704 USA

FOR IMMEDIATE RELEASE

August 18, 2008

Tucson, Arizona

RIDGETOP WINS SBIR CONTRACT FOR ADVANCED DETECTOR PROGNOSTICS

Ridgetop Group, Inc. , a Tucson-based nanotechnology firm, announced that the U.S. Department of Energy has awarded the company a Phase I SBIR contract to develop an advanced Detector Prognostics/Health Monitoring (DPHM) system — a centralized software-based tool that acquires and processes diagnostic and prognostic information from detector networks in nuclear physics experiments.

The DPHM system will monitor detector electronics that are dispersed along the path of particle accelerator beams, including calorimetry sensors, low-noise preamplifiers, analog-to-digital converters (ADCs), and hardware interface electronics. The prognostic data that the system will provide can support condition-based maintenance strategies that enable detector electronics to be serviced before they fail catastrophically.

"Because it provides advanced diagnostic and prognostic technologies, this tool will help decision-makers guide calibration and maintenance of critical infrastructure nodes for the beam detection electronics," said Justin Judkins, principal investigator for the project and Ridgetop's vice president of research.

Ridgetop Group, Inc., a privately held firm founded in 2000, has built a reputation as the world leader in improving and extending electronic diagnostics to be predictive (prognostics). Ridgetop has delivered electronic prognostic sensor and precursor extraction solutions for many advanced Department of Defense, Department of Energy, and NASA programs. Ridgetop has earned numerous awards for its work and innovations, including Raytheon Missile Systems' SBIR Partner of the Year award in 2006 and NASA's Glenn Garrett Morgan Commercialization Initiative award in 2007.

For more information, please visit our website: www.RidgetopGroup.com

Press Contact: Milena Thompson, Milena.Thompson@RidgetopGroup.com

###