

Martyn Receives Nanotubes Research Grant

04.02.2010

Southwestern Oklahoma State University Assistant Professor Dr. David Martyn (second from left) recently received a \$20,918 grant to help in the research of including single-wall carbon nanotubes (SWNT) into polymers to produce lighter weight yet stronger materials. With Martyn are (from left): Provost Dr. Blake Sonobe, Sponsored Programs Director Anita Blankenship and SWOSU President Randy Beutler.

Southwestern Oklahoma State University and Dr. David Martyn, assistant professor in chemistry and physics, recently received a \$20,918 grant to help in the research of including single-wall carbon nanotubes (SWNT) into polymers to produce lighter weight yet stronger materials.

The grant came from the University of Oklahoma and Oklahoma State Regents for Higher Education.

Martyn said integrating these functionalized nanotubes into a polymer has two main benefits. The nanotubes will be dispersed and a means of maximizing interaction between the nanotube and the polymer will be provided. Using different functional groups on the SWNT allows for incorporating the nanotubes into the polymer systems of their choosing. This process may produce superior physical properties desired in high performance polymers.

For more information regarding the grant, contact Martyn at 580.774.3114 or by email at david.martyn@swosu.edu.

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