

# Dr. Tami Martyn to Present Space Materials Lecture for SWOSU Science Seminar

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Stafford Air & Space Museum Education Director Dr. Tami Martyn will present a space materials lecture during the Science Seminar Series on SWOSU's Weatherford campus this Wednesday, February 15.

Martyn will present a seminar entitled, "Silica solgel: from lab to commercial applications" at 4 p.m. in Room 212 of the Old Science Building on the SWOSU campus. The public is invited.

Martyn received her doctorate in physical chemistry from the University of Oklahoma and is now education director at the Stafford Air & Space Museum.

The talk will bridge Martyn's doctoral research, which focused on single molecule dynamics in silica solgel thin films, and her current position. Solgel is a simple process that has been used to develop materials with diverse characteristics. Final products having utilized the solgel process have been optimized for drug delivery, optical materials and insulation applications. Martyn will focus on aerogels as one of the materials NASA has used for spacecraft and stellar sample collection.

Martyn is a lifetime educator. Her focus is communicating accurate science concepts to the public through presentations, exhibits and informal contacts. This is the first time Dr. Martyn has lectured on the SWOSU campus.

Martyn will be available to speak with students about careers in scientific research during an informal dinner scheduled at 5 pm. For further information (including dinner reservations), contact Dr. Holgado at [andrea.holgado@swosu.edu](mailto:andrea.holgado@swosu.edu).