

Duckwall to Represent SWOSU at Research Day at the Capitol

02.07.2017

Newcastle senior Madison Duckwall will represent Southwestern Oklahoma State University in Weatherford at 2017 Research Day at the Capitol activities scheduled March 27-28 in Oklahoma City.

Duckwall, a pharmacy major, will present her research at the Waterford Hotel on March 27. Her presentation is titled *“Real World Synthetic Biology: Production of Arsenic Biosensors and Aspirin Producing Bacteria.”*

Duckwall and other students representing Oklahoma universities will then participate in activities at the Capitol on March 28.

The SWOSU student is very passionate about research.

“Research has opened my eyes and mind to the fact that the world will always be full of possibilities and new ideas,” Duckwall said. “It has shown me that the smallest action can have tremendous outcomes and that the only way to satisfy one’s curiosity is to give research a try.”

Duckwall’s advisor is Dr. Lori Gwyn, assistant professor in the SWOSU Chemistry and Physics Department.

“Madison is an enthusiastic and accomplished researcher,” Gwyn said. “Her dedication and work ethic are evidenced by the fact that she has already presented her own research at two national American Chemical Society conferences within the three years she has been a research student at SWOSU.”

Duckwall’s current project was inspired by her interest in helping others and what she can do as a future pharmacist to make the production of certain medications more cost effective and less dangerous so the people that need them will have access to them.

“She will be an amazing representative of SWOSU and I have no doubt that she will make us all proud,” Gwyn said.

Helping make possible the research are various SWOSU areas including the Department of Chemistry and Physics, College of Arts and Sciences, Office of Sponsored Programs and the Business Enterprise Center as well as the National Science Foundation.

Held annually, Research Day at the Capitol was created to inform the legislature and the public about the high-quality research being conducted at state colleges and universities.