



News

9 November, 2021

Four SWOSU Students Share Research at Oklahoma Academy of Sciences

The Department of Biological Sciences recently represented Southwestern Oklahoma State University at the 110th annual Technical Meeting of the Oklahoma Academy of Sciences held in Ada.

Camille Goerend of Oklahoma City and Nicholas Bauer of Guymon each shared their research under the direction of Dr. Vijay Somalinga and Hanna Hill of Sweetwater and Eric Ahlemeier of Cleveland each shared their research under the direction of Dr. Pragya Sharma.

The event featured undergraduate student, graduate student and faculty research presentations from Oklahoma colleges and universities.

SWOSU presentations were:

Oral Presentation

- Hanna Hill (mentor Dr. Pragya Sharma) "BIOLOGICAL CHARACTERIZATION OF THE CYTOTOXIC EFFECTS OF NOVEL LACTATE DEHYDROGENASE INHIBITORS IN MIA PACA-2 CELLS."

Poster Presentations

- Eric Ahlemeier (mentor Dr. Pragya Sharma) "TARGETING THE MOLECULAR SWEET TOOTH OF CANCER"
- Nicholas Bauer (mentor Dr. Vijay Somalinga) "PRELIMINARY CRYSTALLIZATION AND STRUCTURAL CHARACTERIZATION OF A RO0101, A DPS HOMOLOG FROM *RHODOCOCCUS JOSTII*"
- Camille Goerend (mentor Dr. Vijay Somalinga) "PRELIMINARY BIOCHEMICAL AND STRUCTURAL CHARACTERIZATION OF A TYPE-II BETA-CARBONIC ANHYDRASE FROM *RHODOCOCCUS EQUI*"