



News

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NASA Oklahoma Space Grant Funds SWOSU Student to Research Supercomputer Education

Southwestern Oklahoma State University student Ezgi Gursel of Weatherford is one of four SWOSU students who is receiving funding to conduct National Aeronautics and Space Administration (NASA)-related research.

The NASA Oklahoma Space Grant Consortium is providing the funds to assist Gursel with supercomputing research with SWOSU Computer Science Assistant Professor Dr. Jeremy Evert.

Gursel is a senior majoring in manufacturing engineering technology with a minor in computer science. She came to SWOSU in the fall of 2016. She has presented three posters on the supercomputing topic: "Super Education for Supercomputing," "The Next-Generation of NASA Supercomputers," and "The Future of Supercomputing at NASA."

Gursel is currently part of a research project that focuses on the education and outreach aspect of supercomputing. Before that, her research project was on supercomputing primarily at NASA and where supercomputing technology is headed in the future. This material is based upon work supported by a NASA grant.

Her advice to others that want to follow a similar path would be to get to know faculty members well and ask around for research opportunities in a field of interest.

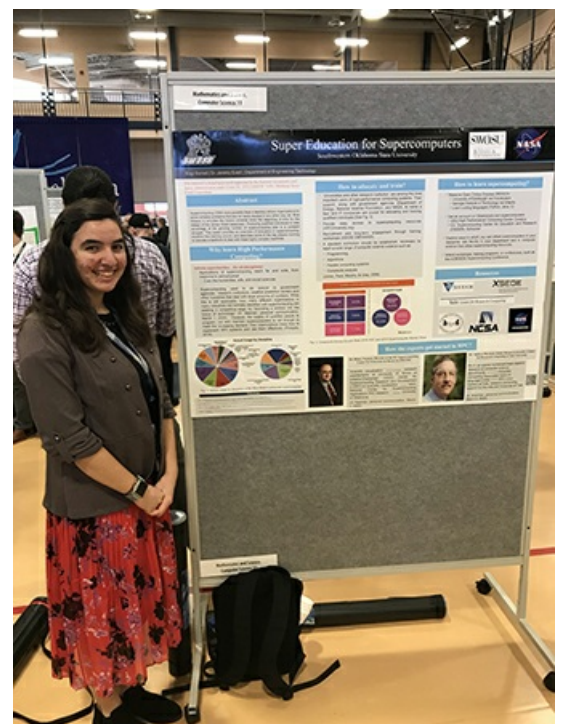
SWOSU offers many opportunities to students interested in research in many diverse subjects.

"The best part about the research has been presenting at the different venues, not only because presenters get to share your research after many weeks of preparation but also because it is a wonderful networking opportunity," Gursel said.

She has greatly enjoyed interviewing several experts in her field of research and listening to their suggestions. Since high school and even earlier, she was always interested in NASA and the organization's work.

When she began attending SWOSU, she discovered SWOSU's connection with NASA, thanks to Madeline Baugher. She began attending NASA's L'SPACE Academy and after L'SPACE, her involvement with NASA continued with supercomputing research, once again with support of Baugher and Evert.

"SWOSU has many wonderful opportunities," said Gursel in advice to students. "Find something that sparks your interest and don't be shy to ask around."



Her plans after graduation include seeking a master's degree in business administration at SWOSU and then pursuing doctoral studies in industrial engineering.

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