

NEW FACULTY SPOTLIGHT
DR. ALI ALJAROUDI
DEPARTMENT OF ENGINEERING
TECHNOLOGY



Kyra Rost

College of Science and Engineering Technology

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Dr. Aljaroudi received his bachelor's degree in Industrial Systems Engineering, from King Fahd University of Petroleum and Minerals located in Dhahran, Saudi Arabia. He then obtained a master's degree in Occupational Safety and Health Technology from Murray State University, located in Kentucky. Dr. Aljaroudi earned his PhD in Occupational Safety and Ergonomics, from the University of Cincinnati. Dr. Aljaroudi is a new assistant professor in the Engineering Technology Department at Sam Houston State University. He chose Sam Houston State University because of its Geographic location to Houston and the fact that SHSU is a small university, which allows him to focus on his goals more. He also feels that SHSU has many diverse fields and departments, which allows him to integrate research, collaborate with other departments, and get reactions and responses from other departments. Dr. Aljaroudi teaches a wide range of safety classes, including Industrial Safety, Safety Hazard Mitigation, and Occupational Safety Laws, as well as special topics courses in Human Factors Engineering and Technology Innovations. He believes that his biggest academic achievement was when he served for two and a half years in the US National Institution for Occupational Safety and Health (NIOSH), where he set safety guidelines and standards.

Dr. Aljaroudi's research interests are in occupational safety, work physiology, behavior-based safety, and biomechanics. He is currently working with Dr. Dakeev on research on behavior-based safety for firefighters, using VR Technology. This research includes putting firefighters in VR simulations to record their emotional responses, time, and actions. This behavioral-based research will aid in providing more effective training and a reduction in human error. Dr. Aljaroudi is currently not working with any undergraduate or graduate students, but is planning to in the future. He offers some advice for undergraduate students: "In

order to be successful you must first be flexible, persistent, and professional.”

Dr. Aljaroudi became interested in the Engineering Technology field because he felt that it was a way to help people. He loves his field of interest because he is helping to prevent and reduce illnesses and injury related to the work place. He also loves that he gets to interact with and help students, along with having many research opportunities.

Interesting Facts

What was your first job?

“At my first job I was a Project Engineer for a Japanese company in the Oil & Gas field.”

Do you have any Hobbies?

“In my free time I enjoy reading, playing table tennis, and hiking the state park trails.”

What is your favorite TV show?

“I enjoy watching mystery, crime, and problem-solving shows.”

Do you have a favorite holiday?

“My favorite holiday would be Christmas, because of the nice weather. I am from Midland, Ohio where it snows a lot, unlike Texas. I enjoy just sitting around and relaxing in the cool weather.”

Where was the best place you have ever been?

“Culture-wise, I’d say Japan, because they have a higher respect towards knowledge and education. However, site and environmental-wise, I would say Europe because it is all around a beautiful place. I visited Japan and Europe for work projects, during which I got to live in both places for a few months.”

Did you participate in any organizations/ clubs while in college?

“I was a part of two professional-based organizations, the American Society of Safety Professionals (ASSP) and the Human Factors and Ergonomics Society (HFES).”