LOGAN, UTAH — Jan. 8, 2020 — Utah State University undergraduate student Morgan Bishop was selected as an undergraduate finalist for the Women in Engineering Local Collegiate Competition to be held in Salt Lake City, Feb. 7-8. Bishop will compete in an onsite technical poster competition as well as a lightning talk and will be recognized as an outstanding contributor to engineering at the conference. Bishop is in her final semester at Utah State, earning a bachelor’s degree in biological engineering.

Bishop works as an active member of the Utah State University student section of the Society of Women Engineers, known as SWE, as the outreach coordinator. Along with her work in SWE, Bishop works under the direction of Dr. Elizabeth Vargis and in collaboration with Dr. Cindy Hanson and Dr. Abby Benninghoff in the Tissue Engineering Lab. Bishop’s research involves extracting fatty acids from mouse fecal samples and analyzing them using spectroscopic techniques. Bishop specifically works with Raman Spectroscopy to better identify these samples. The goal of her work is to develop a method of noninvasive detection of inflammatory bowel disease.

WE Local is a Society of Women Engineers program developed to bring the energy and networking of SWE annual conferences to members around the world on a regional scale.