

Allison Speer

University of Texas at Houston, USA

Session 4B: Advances in Intestinal Bioengineering: Stem Cell Biology, Tissue Engineering and Personalized Medicine: A: Bioengineering of Intestinal Grafts; July 2, 2023; 8:30am-8:50am



Dr. Allison Speer is an Assistant Professor at McGovern Medical School at the University of Texas Health Science Center at Houston (UTHealth) in the Department of Pediatric Surgery. She was accepted into the Baccalaureate/MD program and awarded a presidential scholarship to attend the University of Southern California (USC) as an undergraduate. Dr. Speer graduated cum laude with a Bachelor of Science in Biochemistry and received her medical degree from the Keck School of Medicine at USC. She completed her general surgery residency at Los Angeles County + USC Medical Center in Los Angeles, CA. During residency, she completed a 3 year research fellowship investigating tissue-engineered intestine as a solution for short bowel syndrome at Children's Hospital Los Angeles in the laboratory of Dr. Tracy Grikscheit, a pediatric surgeon. After residency, she completed a fellowship in Pediatric Surgery at Children's National Medical Center/George Washington University in Washington, D.C. Dr. Speer is certified in Surgery and Pediatric Surgery by the American Board of Surgery.

Dr. Speer's clinical interests include intestinal failure and rehabilitation, advanced minimally invasive surgery, and thoracic/foregut surgery. She is the Surgical Director of the Short bowel syndrome Therapy and Rehabilitation (STAR) program at UTHealth and Children's Memorial Hermann Hospital. She is also an NIH-funded basic-translational scientist focused on developing novel regenerative medicine strategies for intestinal failure such as tissue-engineered intestine and cell-based therapies. Dr. Speer is passionate about education and mentorship and has received several research and teaching awards. She enjoys mentoring at all levels, but particularly future surgeon-scientists.



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