Abstract: Social determinants of health (SDOH), such as socioeconomic status, immigrant status, and English fluency, can lead to healthcare disparities. Equipping providers with the knowledge, skills, and attitudes (KSAs) to understand how SDOH affects patients can help to mitigate these effects and increase health equity. Virtual reality (VR) simulation training can be an effective strategy to teach providers new KSAs in an immersive environment that allows for perspective-taking and practice of skills. This presentation will describe the findings from two evaluation studies seeking to determine the effectiveness of a VR training for providers simulating the experience of a parent obtaining care for a child in their non-native language. Participants include residents, faculty, and community providers. Effects of the simulation on learning, retention of knowledge, and effects on job performance will be described. The presentation will conclude with lessons learned and recommendations for future work in the areas of VR training and training to reduce healthcare disparities.

About the Speaker: Dr. Gregory is an Assistant Professor of Biomedical Informatics and with the Center for the Advancement of Team Science, Analytics, and Systems Thinking (CATALYST) at The Ohio State University College of Medicine. Her research examines healthcare teamwork, simulation-based training, survey development, and the development, implementation, and evaluation of clinical informatics tools.