



**Dr. Meghan Murphy**

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Meghan Murphy is an AAAS Science and Technology Policy Fellow at the National Science Foundation (NSF) in the Computer and Information Science and Engineering Directorate, Smart and Connected Health program. Meghan earned her PhD from University of California Davis and her BE from Vanderbilt University, both in Biomedical Engineering. Most recently, Meghan worked in the innovation lab of VSP Global where she contributed to the development of sensor-embedded eyewear. During her doctoral studies, Meghan was a recipient of an NSF Graduate Research Fellowship. Her research sought to characterize temporomandibular joint (TMJ) tissues and to develop novel strategies for tissue regeneration. As an undergraduate student, Meghan participated in an NSF research experience for undergraduates where she contributed to the development and publication of K-12 STEM curricula on TeachingEngineering.org, an NSF-sponsored resource for teachers. As an AAAS fellow, Meghan is interested in contributing to interdisciplinary training and research in the field of digital health, and applying basic science advancements to improve clinical care.