



Rae Ostman

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12 - 1 p.m.

Memorial Union - Mohave, ASU Tempe campus

Informal STEM learning: Empowering communities to shape the future

Science has always been a part of the lives of families and communities, who gain knowledge and experience through activities in their everyday lives. As a cultural practice, science learning takes place both within and across both formal and informal learning environments. Research demonstrates that informal and formal education share a set of common learning outcomes related to science, yet they have complementary and distinct roles to play. In this talk, I will provide an overview of my work developing and studying museum STEM learning experiences, with a particular focus on projects related to chemistry and to Mary Shelley's "Frankenstein."



Rae Ostman

Rae Ostman is associate research professor in the School for the Future of Innovation in Society, co-director of the Center for Innovation in Informal STEM Learning, and director of the National Informal STEM Education Network. She has broad experience planning, developing, implementing, and studying museum exhibits, programs, media, and other learning experiences in partnership with diverse organizations. Current projects include a \$15M collaboration with NASA and museums and universities across the United States to engage the public in learning about Earth and space science. Prior to ASU, she has worked at Acoustiguide, Cornell Botanic Gardens, the Exploratorium, Museum of the Moving Image, the Royal Ontario Museum, Science Museum of Minnesota, and the Sciencenter.

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