

# WOMEN IN ASTRONOMY AND PHYSICS LECTURE SERIES



WEBSITE & ZOOM LINK



Dr. Elena Caceres  
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September 21, 2021  
5:30 CT / 6:30 ET  
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<https://sites.google.com/umn.edu/wipaumn/waphls>

Understanding the microscopic nature of spacetime is one of the central questions in theoretical physics. In this talk, I will review a development in string theory known as the holographic principle. The

holographic principle points to an amazing connection between spacetime, quantum entanglement and black holes. This connection might hold the key to uncovering the ultimate nature of spacetime.

