



Biology Major and Astronomy minor, explores

Are We Alone in the Universe?

Thursday, April 25

7:00 – 8:30pm

WCU Mather Planetarium

FREE
seating available
on a first-come,
first-served basis

A one-hour presentation and scientific analysis of the requirements for life to form, the possible modes by which it can spread, and popular theories on why we have yet to discover alien life. Concepts that will be discussed include Alexander Graham Cairns-Smith's clay hypothesis, the role of hydrothermal vents in abiogenesis, the Miller-Urey experiment, panspermia, the Drake equation, the Fermi paradox, and much more! This talk will be fantastic for anybody interested in Earth's past, mankind's future, and the possibility of our species answering one of the last great mysteries pondered by our ancestors.

Following Luke's presentation,
Astronomer, Dr. Karen Schwarz,
will provide a short Planetarium dome demonstration.