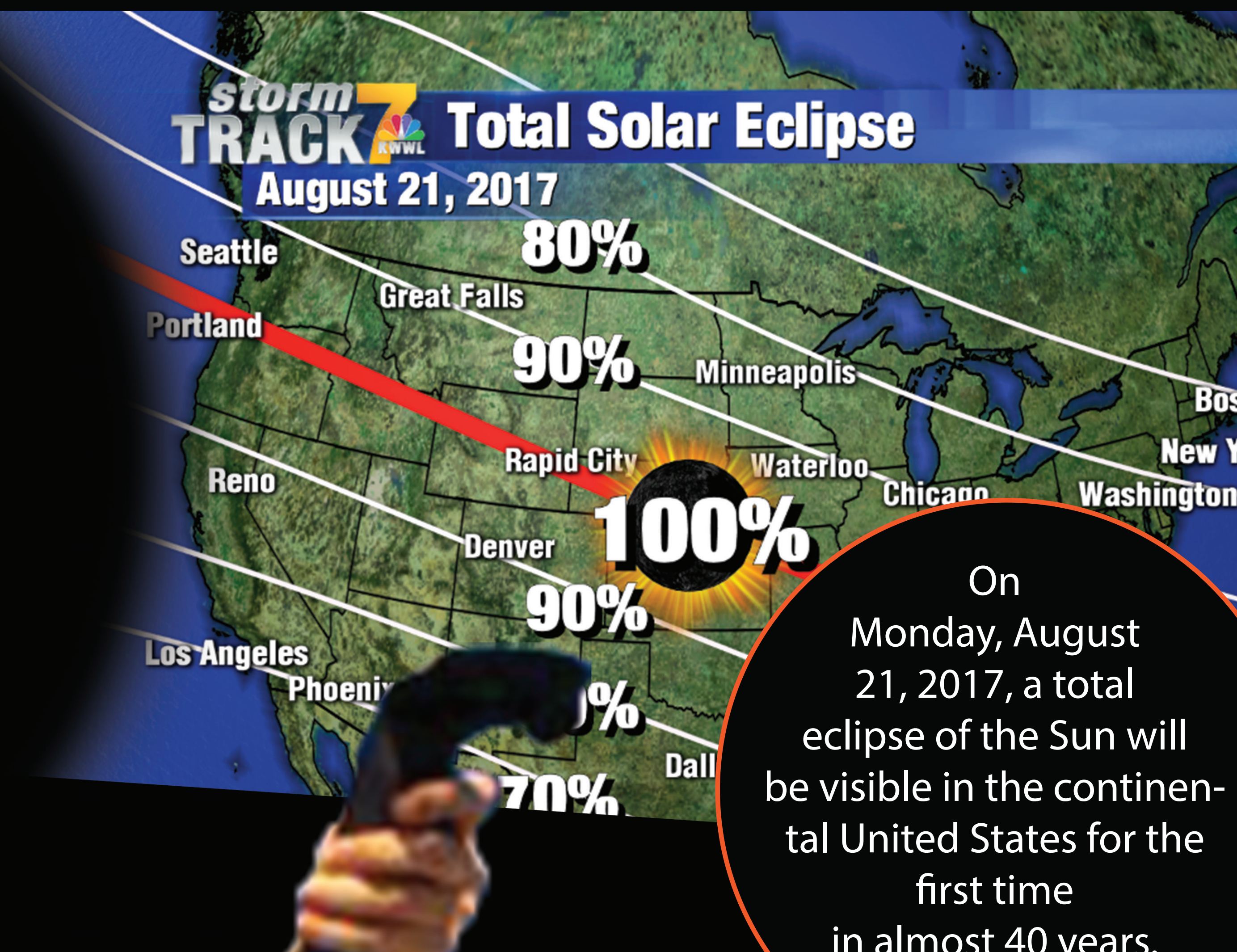
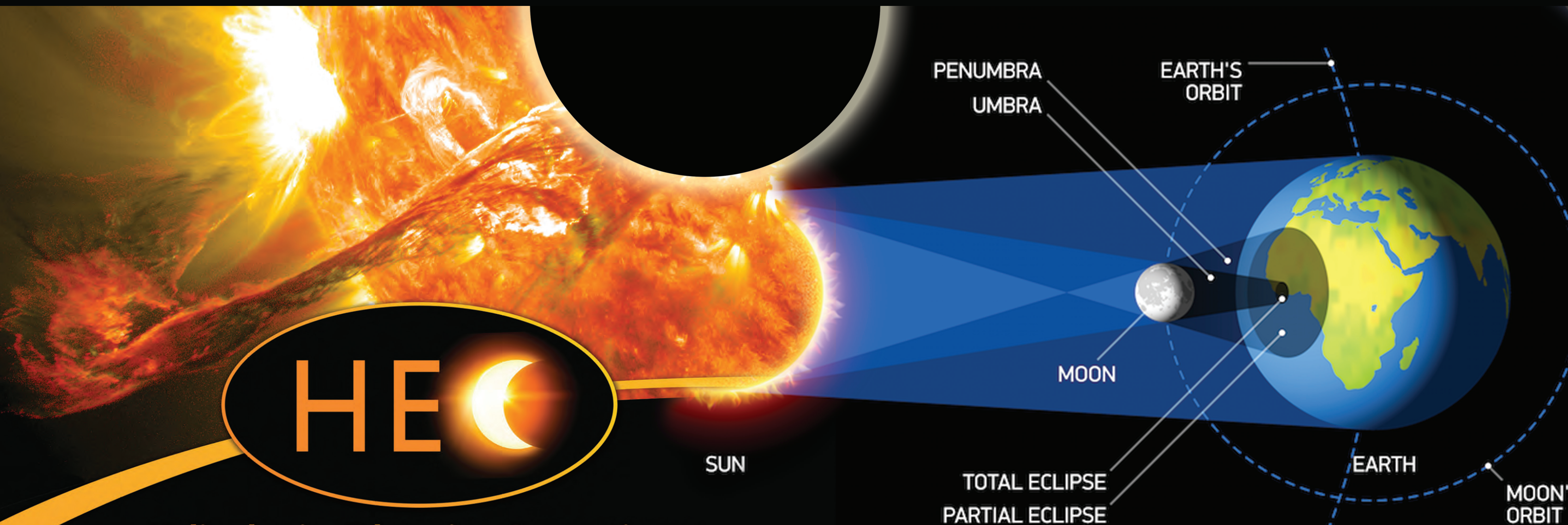


Innovative Technologies for Motivating Interest in Space Science

Gerald Knezek, Rhonda Christensen & Samson Den Lepcha, University of North Texas



On Monday, August 21, 2017, a total eclipse of the Sun will be visible in the continental United States for the first time in almost 40 years.

HEC

Heliophysics Education Consortium:
Through the Eyes of NASA to the Hearts and Minds of the Nation



The NASA Heliophysics Education Consortium (HEC) is a five-year initiative funded by the U.S. Congress in 2016 to promote interest in and learning of space science in informal learning environments such as museums and after school and summer camp events.



Connections with Indigenous Communities



UNT's Institute for the Integration of Technology into Teaching and Learning (IITTL) is collaborating with the STEM Innovation Lab at NASA Goddard. IITTL's primary role is to conduct design-based formative research and selected empirical research studies, on the impact on STEM interest and learning, of the products/programs spawned through the STEM Innovation Lab at Goddard. These products/programs will be refined in UNT's Design Research Lab environment, and pilot-tested in informal learning environments to produce a sound and timely research base of demonstrated effects on knowledge of and interest in technology-infused activities related to space science. Publications demonstrating measurable effects will be produced.

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