



The invited keynote speaker for UNM's Department of Biology 26th Annual Biology Research Day is **DR.**

JONATHAN OVERPECK ("Peck"), who will be speaking on "*New Perspectives on Future Climate Change Risk and Ecosystem Change*" at 3:30 p.m., Friday, March 31, 2017 in Room 102 (the auditorium) of the Science & Math Learning Center (Bldg. 14, located on UNM's central campus).

Dr. Overpeck received his A.B. in Geology from Hamilton College in 1979, and earned his M.Sc. (1981) and Ph.D. (1985) in Geological Sciences from Brown University. He has a strong interest in past, current and future interactions among climate, ice sheets, and sea level, as well as in interactions between climate and ecosystems, and has published more than 200 works in climate and the environmental sciences. He teaches in the areas of environmental science, paleoenvironmental (especially climate) dynamics, and science communication, and he tweets about climate-related issues @TucsonPeck. Peck has active research programs in North America, South America, Australia, Africa, and monsoon Asia, most commonly focusing on providing paleoenvironmental insights into how key aspects of Earth's climate system may change in the future. He collaborates in the area of environmental law, and he works to promote an understanding of science as well as helping scientists understand broader views, particularly those of society's decision makers who must deal with real-world climate variability and change. Thus, Peck has appeared and testified before Congress on multiple occasions.

Dr. Overpeck is the director of the Institute of the Environment (<http://www.environment.arizona.edu/jonathan-overpeck>), as well the Thomas R. Brown Distinguished Professor of Science and a Regents' Professor of Geosciences, Hydrology and Atmospheric Sciences. Peck is a fellow of the American Association for the Advancement of Sciences, as well as of American Geophysical Union. Before coming to the University of Arizona, Peck was the founding director of the NOAA Paleoclimatology Program and the World Data Center for Paleoclimatology, both in Boulder, Colorado. While in Boulder, he was also a fellow at the Institute of Arctic and Alpine Research at the University of Colorado. He has worked at Columbia University and NASA. Although much of Peck's work focuses on terrestrial systems, he also has participated in research cruises to the Arabian Sea and tropical Atlantic; he was co-chief scientist with Dr. Larry Peterson on the cruise that began the long and rich history of work involving sediments from the Cariaco Basin in the southern Caribbean. He is a co-principal investigator of the Climate Assessment for the Southwest Project (CLIMAS; <http://www.climas.arizona.edu/about/people/jonathan-overpeck>), one of the several NOAA Regional Integrated Sciences and Assessment (RISA) programs, and is the lead university investigator (University Director) of the Department of the Interior's Southwest Climate Science Center. Peck is also supported by the U.S. Department of Defense to work with their decision makers on issues related to climate variability and change, and is the lead-PI of a large collaborative U.S. National Science Foundation project focused on global drought, how well we simulate drought with Earth System models, and how information about drought can be optimized for use in society.

Dr. Overpeck's CV can be found at <http://www.environment.arizona.edu/sites/default/files/overpeck9PageCVJanuary2017.pdf>.