

Jase Bernhardt

Assistant Professor at Hofstra University

Hempstead, NY, US

Dr. Bernhardt has had a lifelong passion for studying weather and climate. His current research focuses on hurricane preparedness.

Biography

Jase Bernhardt has had a lifelong passion for studying weather and climate, dating to his childhood in Upstate New York. At Hofstra, Dr. Bernhardt spearheaded the installation of three campus weather stations, which provide real-time data and practical experience for his meteorology students.

In his current research, Bernhardt is using virtual reality to improve storm warnings and preparation. His project aims to determine if those who watch a simulation of a hurricane are more likely to respond with precautionary measures when faced with a real storm.

Dr. Bernhardt received a B.S. in atmospheric science from Cornell University, where he researched east coast winter storms. He attended graduate school at Penn State, working in the Department of Geography, with a focus on climatology. He expanded his research interests to include human impacts on climate, historical climatology, and the usage of GIS. While at Penn State, Jase served as a broadcast meteorologist on the Weather World television program, broadcast throughout the state of Pennsylvania.

Industry Expertise

Environmental Services

Areas of Expertise

Virtual Reality to Promote Evacuation, Meteorology, Environmental History, Climate, Weather, Climate Change, Climatology, Hurricanes

Education

Penn State University

MS

Penn State University

MS

Cornell University

BS

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