

Bio – Dr. Nikole Lewis

Dr. Nikole Lewis is an Assistant Professor in the Department of Astronomy and Deputy Director of the Carl Sagan Institute at Cornell University. Her research focuses on the characterization of exoplanets, planets beyond our solar system, using a combination of techniques. Dr. Lewis is involved with dozens of observational campaigns with the *Hubble*, *Spitzer*, and *Webb* Space Telescopes and ground-based facilities that aim to determine chemical, radiative, and dynamical processes in exoplanet atmospheres. She also develops a broad range of atmospheric models and analysis tools that are necessary to interpret current observations and plan exoplanet observation with future facilities. Dr. Lewis received her B.S. in Physics and Mechanical Engineering from Worcester Polytechnic Institute, her M.A. in Astronomy from Boston University, and her Ph.D. in Planetary Sciences from the University of Arizona. She was a Sagan Postdoctoral Fellow at the Massachusetts Institute of Technology and an Associate Astronomer at the Space Telescope Science Institute where she served as the *James Webb Space Telescope* Project Scientist before taking a faculty position at Cornell University.