

## Seminar Announcement

**Jonathan I. Katz**  
Department of Physics  
Washington University in St. Louis



Monday, November 30, 2015  
Green Hall, Room 0120  
1:10 PM – 2:00 PM

### Drought and Storminess - There is More to Climate Change than Temperature

**Abstract:** The average land surface temperature has warmed by about 1.3 C since 1850. Has the climate changed in other ways? I will describe statistical studies of changes in storminess and drought using extensive databases for the 48 contiguous United States. The mean aridity appears to be decreasing and the mean storminess to be increasing, both on time scales of a millennium. Curiously, the mean storminess is increasing much more rapidly in the Los Angeles basin, and I will speculate as to its cause.

**Bio:** Jonathan J. Katz is a full professor at the Physics department of Washington University. He has been a faculty member in that department since 1981. His interests are mostly astrophysics, some climate, soft matter plasma physics and applied physics.

Host: Dr. Arye Nehorai