



# PROFILES OF DIVERSITY

Dr. Pam Heinselman  
Meteorologist  
National Severe Storms  
Laboratory (NSSL)



## ABOUT PAM HEINSELMAN

Dr. Pam Heinselman is a meteorologist who leads research teams that advance understanding of severe storm processes, and create and evaluate high-resolution probabilistic forecast systems to make severe weather forecasts better. She directs the Forecast Research and Development Division and manages the Warn-on-Forecast initiative at NSSL. Heinselman builds collaborations with the National Weather Service operational centers and local offices to engage end-users in the research-to-operations process. These collaborations ensure that future transitions of Warn-on-Forecast applications provide users with forecast guidance and tools that improve their decision-making capabilities.

Heinselman earned a B.A. and M.S. in earth and atmospheric science at Saint Louis University. She joined the Cooperative Institute for Mesoscale Meteorological Studies (CIMMS) at the University of Oklahoma (OU) in 1995 as a Research Associate. After earning her Ph.D. in meteorology at OU in 2004, she promoted to CIMMS Research Scientist. In 2009, Heinselman joined NSSL as a federal research meteorologist and won the Presidential Early Career Award for Scientists and Engineers (PECASE) for research she conducted on severe weather applications for phased array radar. She is a member of the American Meteorological Society and National Weather Association, and an affiliate Associate Professor at the OU School of Meteorology.

Outside of work, Heinselman enjoys watching classic movies with her husband (and dog), taking Zumba classes, attending a book club, and traveling.