Living with Extreme Weather: An Integrative Approach

2016 National Tornado Summit
John Ferree
Dr. Alicia Knoedler
Dr. Walker Ashley
Dr. Joseph Ripberger
Our Esteemed Panel

Dr. Alicia Knoedler – Associate Vice President for Research and Executive Director of the Center for Research Program Development and Enrichment at the University of Oklahoma

Dr. Walker Ashley – Associate Professor, Northern Illinois University; Consulting Meteorologist, StormForensics.com

Dr. Joseph Ripberger - Deputy Director for Research at the National Institute for Risk and Resilience and the Center for Risk and Crisis Management at the University Oklahoma.

Moderator – John Ferree – Severe Storms Services Leader, National Weather Service
Did warnings go unheeded or unheard?

December 26, 2015

- 8 of 12 fatalities at intersection of I-30 and George Bush Turnpike
- ~ 13 minutes between Tornado Warning and tornado crossing intersection
  - Earlier warning - 47 minutes to intersection
  - Tornado moving NE at 50 MPH
Science Imperatives – April 2012

http://www.nws.noaa.gov/com/weatherreadynation/workshops.html
Keystone Recommendation:
• Structured framework or facilitation mechanism to coordinate the many activities needed to realize the component of the Weather Ready Nation vision involving social sciences

Next Step:
• Create a National Alliance that will serve researchers and operational practitioners to collaboratively study challenging problems at the nexus of social/behavioral/ economic sciences and extreme environmental events.