

2011 SeCAPS Agenda

Friday Evening Session, February 25th – USA Student Center Ballroom

- 4:30 – 5:00 pm **Registration**
- 5:00 – 5:15 pm **Welcome & Introduction**
- 5:15 – 5:35 pm **Deepwater Horizon: Integrated Science on the Fly**
Walter McCall, NOAA's National Data Buoy Center
- 5:35 – 5:55 pm **Mesoscale and Synoptic Analysis of the August 2, 2009 Louisville Flash Flooding Event**
John Gordon, National Weather Service, Louisville
- 5:55 – 6:15 pm **Analysis of May 15, 1998 Iowa/Minnesota Derecho**
Dr. Wesley Terwey; University of South Alabama; Coastal Weather Research Center, Ryan Wade, University of Alabama at Huntsville
- 6:15 – 6:25 pm **BREAK**
- 6:25 – 6:45 pm **Hurricane Erin (1995): Collocated ASOS and WSR-88D Depict Collapsing Core & Maximum Wind Gust at Melbourne FL**
Dr. Keith G. Blackwell, Coastal Weather Research Center; Center for Hurricane Intensity and Landfalls Investigation (CHILI); University of South Alabama Dept. of Earth Sciences
- 6:45 – 7:30 pm **Forecasting Space Weather**
Featured Speaker: *Dr. Thomas Bogdan, NOAA's Space Weather Prediction Center*
- 7:30 – 9:30 pm Mixer - Terrace

Saturday Morning Session, February 26th, 2011 – USA Student Center Ballroom

- 8:00 – 8:30 am Registration
- 8:30 – 8:40 am Welcome & Opening Remarks
- 8:40 – 9:00 am **Beat the Heat, Check the Backseat**
John Gordon, National Weather Service, Louisville

9:00 – 9:20 am **2009 NOAA Hollings Scholars and their Summer Internship Experience**
Vanna Chmielewski, Arthur Eiserloh, and Sarah Larson, University of South Alabama

9:20 – 9:25 am BREAK

9:25 – 10:05 am **Extreme Rainfall on Multiple Scales: Processes, Prediction, and Remaining Problems**
Featured Speaker: *Dr. Russ Schumacher, Texas A & M Dept. of Atmospheric Sciences*

10:05 – 10:15 am BREAK

10:15 – 11:30 pm **Panel Discussion**

11:30 – 1:00 pm **LUNCH (on your own)**

Saturday Afternoon Session, February 26th – USA Student Center Ballroom

1:00 – 1:30 pm **Poster Session**

1:30 – 1:50 pm **Stretching the Science – Deepwater Horizon Disaster Support**
Kenneth Graham, National Weather Service, New Orleans

1:50 – 2:30 pm **Applying the New NOAA/CIRES 20th Century Reanalysis: Searching for Previously Unknown TCs and Simulating Historical Hurricanes**
Featured Speaker: *Dr. Robert Hart, Florida State University Dept. of Atmospheric Sciences*

2:30 – 2:40 pm BREAK

2:40 – 3:20 pm **Inside the USAF Special Operations Weather Team**
Cpt. James C. Caldwell, Hurlburt Airfield, USAF

3:20 – 4:00 pm **Becoming an Atmospheric Science Professional**
Featured Speaker: *Dr. Chuck Doswell, CIMMS*