

2007 SeCAPS Agenda

Friday, March 30th

John Counts Room – Mitchell Center – University of South Alabama

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|-----------------|--|------------------------------------|--------------------|
| 4:00pm – 5:00pm | Weather/NWS Jeopardy | MC 1102 | <i>John Gordon</i> |
| 4:30pm – 5:30pm | Registration | John Counts Room – Mitchell Center | |
| 5:30pm – 5:40pm | Welcome/Opening Remarks | | |
| 5:40pm – 5:50pm | Presentation to the Dr. Bill Williams Scholarship Fund | | |

Opening Session

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| 5:50pm – 6:10pm | Playing Offense: “Separating Yourself from the Rest
In the Ever Increasing Job Market”
<i>John Gordon – MIC, National Weather Service, Louisville, KY</i> | | |
| 6:10pm – 6:30pm | A Preliminary Radar Analysis of the Millers Ferry, Alabama EF-3
Tornado-Producing Mesocyclone of 1 March 2007
<i>Jeffrey Medlin – SOO, National Weather Service, Mobile, AL</i> | | |
| 6:30pm – 6:50pm | Multivariable Regression for Forecasting Ozone for the
Mississippi Gulf Coast
<i>Rodney Cuevas – Mississippi Department of Environmental Quality</i> | | |
| 6:50pm – 7:00pm | Break | | |
| 7:00pm – 7:20pm | Weather Briefing
<i>Senior USA Synoptic Meteorology Students</i> | | |

Keynote Address on Severe Weather

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| 7:20pm – 8:00pm | "Storm Chasing: The Good, the Bad, and the Spectacular"
<i>Dr. Charles Doswell, III – Senior Scientist</i>
<i>Cooperative Institute for Mesoscale Meteorological Studies</i> | | |
| 8:00pm – 9:00pm | SECAPS Mixer | | |

Saturday, March 31st
John Counts Room – Mitchell Center – University of South Alabama

8:00am – 8:30am Registration

8:20am – 8:30am Welcome and Opening Comments

Session on Tropical Cyclones

8:30am – 9:00am The Air Force Reserve Hurricane Hunters Missions and the
2005-2006 Tropical Cyclone Season
Major John Gordon - 53rd Weather Reconnaissance Squadron

9:00am – 9:20am *Dr. Sytske Kimball – University of South Alabama*

9:20am – 9:40am Mesocyclone Characteristics during the Hurricane Ivan Tornado
Outbreak across the Florida Panhandle
Andrew Watson – SOO, National Weather Service, Tallahassee, FL

9:40am – 9:50am Break

9:50am – 10:10am *Dr. Keith Blackwell – University of South Alabama*

Session on Global Oscillations and Climate Change

10:10am – 10:35am Primary Teleconnection Trigger Mechanism (PTM)the
Trigger Mechanism that Controls Recurring Cycles of the
El Niño, Hurricane Landfalls and other Weather/Climate Cycles.
David Dilley – Global Weather Oscillations, Inc.

10:35am – 10:55am A Geological History of Climate Change
Jim Connors – University of South Alabama

10:55am – 11:00am Break

Keynote Address on Tropical Cyclones

11:00am – 11:45am *Dr. William Frank – Pennsylvania State University*

11:45am – 1:00pm LUNCH (On Your Own)

Poster Session

1:00pm – 1:30pm John Counts Room

Session on Weather and The Public

1:30pm – 2:10pm *Dr. Kevin Kloesel – University of Oklahoma*

2:10pm – 2:30pm Picture This Weather
Alan Sealls – Chief Meteorologist, WKRG-TV, Mobile, AL

2:30pm – 2:45pm Break and 2nd Look at Posters

Session on Severe Thunderstorm Environments

2:45pm – 3:05pm Severe Weather Precursors in the Lightning Activity of
Tennessee Valley Thunderstorms
Patrick Gatlin – National Weather Service, Huntsville, AL

3:05pm – 3:25pm On the Relationship Between Cool Season Tornadoes and Cloud-
to-Ground Lightning: Trends Along the Gulf Coast Region
Douglas Butts – National Weather Service, Shreveport, LA

3:25pm – 3:45pm NWS Mobile, Alabama Wet Microburst Pre-Storm Evaluation
Technique Performance Results during the Summer of 2006
Jeffrey Medlin – SOO, National Weather Service, Mobile, AL

3:45pm – 3:55pm Break

3:55pm – 4:15pm *Blake Michaleski – University of South Alabama*

4:15pm – 4:35pm The Tri-State Tornado of 18 March 1925 Reanalysis
Project: Preliminary Results
*Dr. Charles Doswell, III – Senior Scientist
Cooperative Institute for Mesoscale Meteorological Studies*

4:35pm – 4:45pm Closing Remarks