

**Working Together with Technology in Research and
Operations: How YOU Can Shape the Future**
11th Annual AMS Student Conference
January 21-22, 2012 New Orleans, LA

Saturday, January 21, 2012:

- 7:30a – 9:00a** **Pick Up Student Conference Registration Materials, AMS
Registration Desk (registration must be completed online, there will
be no on-site registration)**
- 9:00a - 9:15a** **Welcome from the SCPC**
Alek Krautmann, Nicole Grams, and Owen Shieh
Student Conference Co-Chairs
- 9:15a – 9:20a** **Welcome from the AMS**
Jon Malay, AMS President
- 9:20a – 9:30a** **Message from the AMS Teaching Excellence Award Winner**
- 9:30a – 10:30a** **Session 1: Get the Most out of this Conference:
How to Develop Yourself as a Professional**
Session Chair: Heather Dinon
- Keli Tarp, NOAA 's Office of Communication and External Affairs*
Laura Furgione, NOAA's National Weather Service
Scott Denning, Colorado State University
Jamie Rhome, NOAA's National Hurricane Center
- 10:30a – 11:30a** **Session 2: Hot Topics and Local Weather**
Session Chair: Kyle Clem
- Mike Efferson, NOAA's National Weather Service, Baton Rouge*
James Spann, ABS33/40 Alabama
Lynne Carter, Louisiana State University
TBD

11:30a – 12:00p Session 3a: Introduction to Conversations with Professionals
Session Chair: Rosimar Rios Berrios

Professionals give a BRIEF introduction of who they are / what they do by answering the question “Why do you want to talk to me?”

In no particular order:

Maura Hagan	<i>National Center for Atmospheric Research</i>
Jeff Forbes	<i>University of Colorado at Boulder</i>
Burrell Montz	<i>East Carolina University</i>
Steven Lyons	<i>NOAA/NWS, San Angelo, TX</i>
Steven Newton	<i>KFBB Great Falls, MT</i>
Frank Marks	<i>NOAA’s Hurricane Research Division</i>
Jennifer Alexander	<i>US Air Force</i>
Joel Gratz	<i>www.ChanceOfWeather.com</i>
William Murtagh	<i>Space Weather Prediction Center</i>
Craig Schwartz	<i>NCAR Mesoscale Modeling</i>
Christopher Franklin	<i>WVUE-TV</i>
Gary Lackman	<i>North Carolina State University</i>
Christy Schultz	<i>NOAA Corps</i>

12:00p – 1:15p Boxed Lunch

1:15p – 3:15p Session 3b: Conversations with Professionals
Session Chair: Rosimar Rios Berrios

****Note: Students will rotate every 15-20 minutes***

Speaker	Affiliation
Maura Hagan	<i>National Center for Atmospheric Research</i>
Jeff Forbes	<i>University of Colorado at Boulder</i>
Burrell Montz	<i>East Carolina University</i>
Steven Lyons	<i>NOAA/NWS San Angelo, TX</i>
Steven Newton	<i>KFBB Great Falls, MT</i>
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Christopher Franklin	<i>WVUE-TV</i>
Gary Lackman	<i>North Carolina State University</i>
Christy Schultz	<i>NOAA Corps</i>

3:00p – 3:30p **AMS Student Chapter Town Hall Meeting**
(Specifically for Student Chapter Officers, but open to all)
Session Moderators: Chris Schultz, University of Alabama - Huntsville
Elise Schultz, University of Alabama - Huntsville

3:15p – 3:30p **BREAK**

3:30p – 5:15p **Breakout Sessions: Understanding Sectors Within Meteorology**

Session 4a: Academia
Session Chair: Tony Reinhart

Sundar Christopher University of Alabama - Huntsville
Fred Carr, University of Oklahoma
Rebecca Haacker-Santos, SOARS Program, UCAR
Peter Webster, Georgia Institute of Technology

Session 4b: Private Sector
Session Chair: Elizabeth McGiffin

Cory Springer, Ball Aerospace
Daniel Herr, Clean Energy Center
John Toohey-Morales, ClimaData Corp and NBC
Heidi Centola, Earth Networks/WeatherBug

Session 4c: Public Sector
Session Chair: Ian Colon-Pagan

Kelly Godsey, NOAA/NWS Tallahassee
Gabe Garfield, NOAA Hazardous Weather Testbed
Bill Proenza, NOAA/NWS Southern Region
Ron Gird, NOAA's National Weather Service Headquarters

4:30 - 5:15p **Wrap-up session: A Fair Weather Rapport among Sectors**
Session Chair: Kelsey Mudler

Ray Ban	<i>The Weather Channel</i>
John Snow	<i>University of Oklahoma</i>
Ken Carey	<i>Noblis</i>
Suzanne Van Cooten	

5:15p – 5:30p **Closing Remarks and End of Day 1 Feedback**

5:30p – 7:30p **Career Fair and Graduate School Reception**

Sunday, January 22, 2012:

- 9:00a – 10:15a** **Day Two Keynote Speakers**
Session Chair: Kim Klockow
- Max Mayfield, Former Director, NOAA's National Hurricane Center*
Bill Read, NOAA Director, NOAA's National Hurricane Center
Rick Anthes, President, UCAR
- 10:15a – 10:30a** **Dynamics of the Madden-Julian Oscillation (DYNAMO)**
Session Chair: Owen Shieh
- Dr. Chidong Zhang, PI University of Miami*
TBD
- 10:30a – 11:15a** **Session 5: Panel of Young Professionals**
Session Chair: Renee Curry
Young professionals give a 2-3 minute introduction explaining who they are and what they do. Open discussion/questions to follow.
- Christina Crowe NWS Huntsville, AL**
Eric Holthaus University of Arizona
Brad Barrett US Naval Academy
Lacey Swope KMEG 14, Sioux City
- 11:15a – 12:15p** **Session 6: Weather Outside the Lines**
Session Chair: Daniel Rothenberg
- Brian Griffith, Head, U.S. Air Force Academy*
Kevin Quinlan, Nuclear Regulatory Commission
Johnny Lin, Python in Atmospheric and Oceanic Sciences (PyAOS)
TBD
- 12:15p – 12:30p** **Closing Remarks**
- 2:00p** **Energy Meteorology Mini-Course (AMS Energy Committee)**
- 5:30p – 7:00p** **Student Conference Poster Session**