

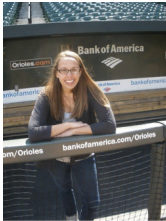
Planning Committee Members Biographies

13th Annual AMS Student Conference

Opportunities in the New Job Climate and Beyond

February 1–2, 2014

Atlanta, GA



Kelsey Mulder, Co-Chair

Kelsey Mulder graduated from the University of Oklahoma with her B.S. in Meteorology in 2010 with minors in Sociology and Mathematics. She then got her Master's in Geography at East Carolina University where she was a research assistant for Dr. Burrell Montz studying emergency management in North Carolina. Her thesis was based on risk perceptions of flash flooding in Boulder, Colorado. Currently, Kelsey is in the second year of her PhD in Atmospheric Science at the University of Manchester in the UK. She is conducting a climatology of tornadoes across Europe, sidelining in tornado reporting issues worldwide, and studying squall line tornadoes in the UK.

Kelsey has previously worked for the National Severe Storms Laboratory (NSSL) in Norman, Oklahoma on the Severe Hazards Analysis and Verification Experiment (SHAVE) and was a student worker at the National Center for Atmospheric Research (NCAR) Societal Impacts Program (SIP). Kelsey's interest are in societal impacts of hazards, low CAPE, high shear environments for tornadoes, and global tornado climatologies. When shes not in the office, Kelsey can be found biking, hiking, swimming, riding horses (and competing too!), baking on rainy days, and exploring Europe!



Rosimar Rios-Berrios, Co-Chair

Rosimar Rios-Berrios is a second-year graduate student at the Department of Atmospheric and Environmental Sciences at the University at Albany, SUNY. She graduated Summa Cum Laude with a B.S. in Theoretical Physics and a curricular sequence in Atmospheric Science and Meteorology from the University of Puerto Rico at Mayagez.

Rosimar grew up on the tropical island of Puerto Rico (PR), where she experienced the effects of various tropical cyclones that wreaked havoc the island. Those experiences flooded her mind with many questions and inspired her to pursue a scientific career in meteorology. During her undergraduate years, she had numerous research experiences studying different aspects of tropical cyclones. These experiences included a summer internship at the NOAA Hurricane Research Division sponsored by the NOAA Educational Partnership Program, and a summer internship at the National Center for Atmospheric Research under the auspices of the Significant Opportunities in Atmospheric Research and Science (SOARS) program. As a graduate student, Rosimar is interested in using data assimilation techniques and ensemble forecasting to improve the prediction of tropical cyclones. She was a recipient of the 2012/2013 AMS Graduate Fellowship, and is currently funded by the NSF Graduate Research Fellowship.

Rosimar served as the President of UPRMs AMS Student Chapter for two consequent years. During her years as President she led the chapter to organize numerous activities for the members and the general public with the main purpose of increasing weather awareness among their peers. She also contributed to increase the chapter membership, and to receive several awards such as the AMS Award for Outstanding Student Chapter of the Year and the first place at the Local Chapter Poster Competitions of the AMS Annual Meeting. This is Rosimars fourth year as a member and first year as a Co-Chair of the AMS Student Conference Planning Committee. Besides studying hurricanes and working with the AMS, Rosimar loves to spend time helping others through community outreach activities, as well as traveling, reading fiction books, or just enjoying the lovely sea breeze at the beach (well, that was before moving to Albany now she enjoys hiking, exercising, and experiencing real seasons).

Feel free to contact Rosimar at rrios-berrios@albany.edu .



Ethan D. Peck, Poster Session Co-Chair

Ethan David Peck is a fifth year PhD candidate in Atmospheric and Oceanic Science at the University of Colorado in Boulder, CO. His primary research interest lies in impacts from Energetic Particle Precipitation on the middle atmosphere. Ethan graduated with a BS in Atmospheric Science from Cornell University in 2009. Besides throwing things at his computer screen in his cubicle, Ethan can also be found training at his local Shotokan Karate Dojo, fencing with other students, brewing his latest lager, or catching up on his backlog of games and shows. This year is the fourth year that Ethan has been part of the Student Conference Planning Committee and he is very excited to help organize a student conference that all attendees will remember!



Dr. John Lanicci, 2014 Faculty Co-Chair

Dr. John Lanicci is a professor of applied meteorology and the coordinator of the M.S. in Aeronautics program at Embry-Riddle Aeronautical University in Daytona Beach, FL. He joined the faculty in 2006 after completing a 27-year U.S. Air Force career. Dr. Lanicci is a native of The Bronx, New York, and graduated from Manhattan College with a B.S. degree (Summa Cum Laude) in Physics in 1979, a B.S. (With Highest Distinction) in Meteorology from Penn State University in 1980, and M.S. and Ph.D. in Meteorology from Penn State in 1984 and 1991 through Air Force Institute of Technology sponsorship.

Dr. Lanicci first became interested in meteorology as an undergraduate at Manhattan. During his sophomore and junior years, the Northeast U.S. experienced one of the coldest winters on record (1976-77), followed by one of the snowiest (1977-78)! He became very interested in learning how these seasonal anomalies can happen, and started thinking about meteorology as a career. After hearing an Air Force weather officer speak at the ROTC commissioning ceremony at the end of his junior year, he decided to become a weather officer, and never regretted it. During his military career, he got to forecast weather around the world (including the maiden voyages of the Space Shuttle in 1981), live in different parts of the U.S. (including Alaska), go to grad school, travel to Europe, India (twice!), Australia, and most of the 50 states, and command the Air Force Weather Agency.

Dr. Lanicci has taught Survey of Meteorology, Current Weather Discussion, Aviation Weather, Weather Analysis, Advanced Weather Analysis, Forecasting Techniques, Environmental Security, and graduate courses on Advanced Meteorology and Weather and Air Traffic Integration. His research interests include the integration of weather information into aviation operations, central Florida severe storms (who wouldn't be after a tornado hits your campus!), and the effects of climate change on national and international security.



Dr. Tom Guinn, 2015 Faculty Co-Chair

Dr. Tom Guinn is an Associate Professor and the Program Coordinator for the Applied Meteorology Program at Embry-Riddle Aeronautical University in Daytona Beach, Florida. Prior to coming to ERAU in 2008, he served as a weather officer in the United States Air Force for over 22 years.

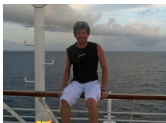
Dr. Guinn was born and raised in the small town of Armstrong, IA located in the north-central region of the state. After graduating high school he attended Iowa State University (ISU) for his B.S. in Meteorology (1985). While working toward his degree at ISU, he also received an Air Force ROTC scholarship, through which he earned his commission in 1985. During his time in the Air Force, Dr. Guinn attended Colorado State University for his M.S. (1989) and Ph.D. (1992) in Atmospheric Science through the Air Force Institute of Technology program. In 1995 he was awarded the AMS Banner I .Miller Award for work stemming from his dissertation on hurricane spiral bands.

Dr. Guinn's current academic and research interests include both aviation meteorology and tropical storm dynamics. In addition, he has taught a variety of courses including: Survey of Meteorology, Aviation Weather, Synoptic Meteorology, Advanced Weather Analysis, Dynamics of the Atmosphere, and a graduate course in Advanced Aviation Meteorology. In his free time Dr. Guinn enjoys experiencing aviation weather first hand as a private pilot.



Angel F. Adames-Corraliza

Angel is a fourth year PhD student at the Department of Atmospheric Sciences at the University of Washington (UW), and an NSF graduate research fellow. His research focuses on tropical meteorology and general circulation of the atmosphere, with a focus on studying the global scale responses to the Madden-Julian Oscillation (MJO) and the El Nio-Southern Oscillation (ENSO). In particular, he studies the planetary wave structures associated with them, their impact on the global flow and the mechanisms that determine their dynamics. He has gotten several peer-reviewed papers (most of them either in press or under revision right now) and will be a contributing author to the WMOs Global Monsoon System book. At UW, Angel serves as historian in SACNAS for his second consecutive year, is currently recruitment chair at the local AMS chapter, is a member UWs College of the Environment Diversity Committee, served as student adviser for the Seattle MESA program and will begin work as outreach coordinator for the Dept. of Atmospheric Sciences in January 2014. Angel obtained an M.S. in Atmospheric Sciences at UW earlier this year and has a B.S. in Physics at the University of Puerto Rico at Mayagez. During his undergraduate days, he actively served UPRMs local AMS chapter and was highly involved in research. During his free time he likes to bike, go to the gym, watch TV and hang out with friends. This is his first year at the AMS student conference planning committee and his first time at the AMS annual meeting since 2011.



Joshua Alland

Josh recently graduated Summa Cum Laude with a B.S. in Meteorology from Iowa State University. He is currently a graduate student at the University at Albany, SUNY this fall under a NSF Graduate Research Fellowship. He will likely pursue TC intensification research. Josh is originally from Minnesota, but became interested in TC research after witnessing firsthand the devastating aftermath of Hurricane Katrina. He had the opportunity to intern at the Hurricane Research Division (HRD) under NOAAs Ernest F. Hollings Undergraduate Scholarship, where he examined the influence of the height and depth of a TCs warm core on its intensity. He continued working with HRD scientists for his senior thesis, in which he compared observed and HWRF data during the rapid intensification of Hurricane Earl (2010). Currently, he is finalizing a project which compares the genesis and intensification of African Easterly Waves that travel north and south of the African Easterly Jet. Josh was an active member of the Iowa State Student Chapter of the American Meteorological Society. He served as Academic Chair his junior year and President his senior year. He increased the variety of professional development to members, an example being bringing over 30 members to the 2013 AMS Annual Meeting in Austin, TX. He also organized new and innovative outreach activities, such as pushing to make mobile home parks better prepared for severe weather, urging school districts around the community to become StormReady, and tutoring young scholars for Science Olympiad. In his spare time, Josh loves to play tennis, support Serena Williams and Roger Federer when they are on the tennis court, participate in events to help the community, spend time with family and friends, and relax on the beach (if there is one nearby). Josh is very excited to be a new member on the Student Conference Planning Committee!



Kristy Carter

Kristy is a recent graduate of Iowa State University with a BS in Meteorology and a minor in Music. While at Iowa State, Kristy was very involved with the Iowa State Student Chapter of the American Meteorological Society having served as the Outreach Chair, Treasurer, and most recently, Vice President. Kristy is also a member of the Local Chapter Affairs Committee and is excited to help out in any way she can with the AMS Student Conference Planning Committee.

Academically, Kristy spent much of her undergraduate career working on a research project looking at the influence nocturnal low level jets have on wind energy. Only recently did Kristy wrap up this project with the sending of the write-up to be reviewed. Kristy was also a 2011 Hollings Scholar and as a change of pace from her other undergraduate research, decided to complete her internship with the National Weather Service in Anchorage, AK. Her project analyzed significant snowfall events in Prince William Sound, AK. This project was continued for her senior thesis during the Fall of 2012.

Kristy will be headed to graduate school in the fall of 2014. In the meantime, Kristy is working as a program instructor for an outdoor education center in New York teaching meteorology and other environmentally related courses as well as outdoor sports like rock climbing and kayaking. In her free time, Kristy is most likely playing her french horn, running, rock climbing, or on an outdoor adventure.



Renee Curry

Renee Curry graduated cum laude from the University of Oklahoma in 2007 with a Bachelors degree in Meteorology. During that time, she spent six months studying at the University of Reading in the U.K. She obtained her Masters degree in Meteorology at the University of Oklahoma in May 2010. Her thesis focused on a dual-Doppler radar study of Hurricane Isabel that came ashore in North Carolina in 2003. Two mobile radars, the Shared Mobile Atmospheric Research and Teaching Radars (SMART-Rs), were utilized to collect data of the small-scale structures within hurricanes that can be used in models to improve flood forecasts. She has also been involved in national and international field projects with these radars, such as the Verification of the Origins of Rotation in Tornadoes Experiment 2 (VORTEX2) in 2009/2010. She is also an alumna of the 2010 AMS Summer Policy Colloquium and the 2008 Weather and Society*Integrated Studies (WAS*IS) workshop at the National Center of Atmospheric Research (NCAR).

Renee worked as a climate scientist at the National Wildlife Federation in Washington DC until August 2011. In this role, she helped research and produce materials for the public, media, and policy-makers that focused on climate change and its connection to extreme weather, public health and wildlife. She is currently obtaining her PhD in Ecology from Colorado State University within the Natural Resource Ecology Laboratory.. Her primary role involves using NASA remote sensing data to create climate change educational modules for teachers.. She will also be working with Dr. Scott Denning of the Atmospheric Science Department/CMMAP program on weather/climate education and climate impacts in coastal Louisiana. She has been involved on the Student Conference Planning Committee for a few years and it has been such a great and rewarding experience! Other than her love for weather, climate and outreach, she enjoys watching Oklahoma football and exploring the outdoor activities in Colorado!



Logan Dawson

Logan is a second-year graduate student at Purdue University working towards his PhD in atmospheric science. He graduated from North Carolina State University where he earned degrees in meteorology and marine science. During his undergraduate career, Logan was an active member of the NCSU AMS Student Chapter, as well as various other campus organizations. He participated in summer research experiences through the Significant Opportunities in Atmospheric Research and Science (SOARS) and NOAA Ernest F. Hollings Scholarship programs. He also volunteered at the NWS office in Birmingham, Alabama for several years. While at Purdue, Logan will be a graduate research assistant in the Severe Weather Research Group under the advisement of Dr. Jeff Trapp.

Like many other meteorologists, Logan found his passion for weather at a very young age. Growing up in Birmingham gave him an opportunity to experience a variety of weather phenomena including tornadoes, tropical cyclones, and even a blizzard! He developed a strong interest in severe weather because of the frequent occurrence of thunderstorms and tornadoes near the area where he lived. Outside of meteorology, Logan enjoys listening to music, swimming, playing frisbee and watching sports, especially college football. This is his fourth student conference and first year on the planning committee. Feel free to contact him at logan.dawson@gmail.com.



Jennifer DeHart

Jennifer is a fourth year graduate student at the University of Washington in the Department of Atmospheric Sciences. She graduated from the University of Michigan in 2010 with a B.S.E. in Earth Systems Science and Engineering (concentration: meteorology) and a minor in Art History. Her graduate research has focused on tropical cyclone structure in the presence of environmental shear, specifically eyewall convection. Currently, she is the graduate co-president of the UW AMS chapter and participated in the UofM chapter in undergrad. She also volunteers with UW's Atmospheric Sciences Outreach program. During the past few years, she has been able to participate in several field campaigns, such as assisting the Texas Tech team during VORTEX2 in 2011 and serving as a forecaster for NASA's HS3 campaign in Wallops, VA in 2012 and 2013. She also participated in her first science flight as a member of NASA's Student Airborne Research Program (SARP) in 2010. In her free time, Jennifer enjoys watching sports (college football especially – go blue!), attempting to play soccer, skiing, dog/cat sitting for her friends, and complaining about the lack of convection in Seattle. This is her first year on the planning committee.



Nicole Grams

Nicole Grams served as Co-Chair for two years and is currently a GIS Specialist at Weather Fusion in Norman, OK. Nicole obtained her B.S. in Meteorology and minors in mathematics and physics from Ohio University in 2011 and recently completed her M.S. in Interdisciplinary Studies (Geoinformatics and Hydrology) at the University of Oklahoma. As a research assistant under Dr. May Yuan at the Center for Spatial Analysis, Nicole's research was a remote sensing-based verification of the Coastal and Inland Flooding Observation and Warning (CI-FLOW) coupled model system. Prior, Nicole was first a Student Career Experience Program (SCEP) intern at the Charleston, WV NWS office, and later interned at the National Hurricane Center under Storm Surge Team lead Jamie Rhome as part of the NOAA Ernest F. Hollings Scholarship. In this capacity, she successfully developed the first formal methodology for verification of the Sea, Lake, and Over-land Surge from Hurricanes (SLOSH) model using GIS, and completed an honors thesis on this topic. Nicole has also served as the President of the Ohio University Student Chapter of the AMS, during which time she led efforts in obtaining the StormReady seal for the OHIO Athens campus.





Stacey Hitchcock

Stacey Hitchcock is a second year masters student at the University of Oklahoma and this is her second year on the Student Conference Planning Committee. While she is interested in a wide variety of meteorological topics from ice storms to social science, she is currently working with the National Severe Storms Laboratory on the Mesoscale Predictability Experiment (MPEX) with her advisor, Michael Coniglio. She was awarded an American Meteorological Society Graduate Fellowship in 2012 after graduating Summa Cum Laude with Honors from the University of Oklahoma's School of Meteorology program with minors in Math and Geographic Information Systems.

During her undergraduate, she gained research experience through the National Weather Center Research Experience for Undergraduates program and the Ernest F. Hollings Scholarship program. She spent the summer of 2010 working at the National Weather Center in Norman, Oklahoma on a project entitled Updraft Helicity as a Forecast Parameter, and the summer of 2011 working in Boulder, Colorado at the Earth System Research Laboratory on a Climate Change outreach project. During the summer of 2012, Stacey participated in the Deep Convective Clouds and Chemistry (DC3) field project as a part of the ballooning team, and worked on a short research project on Tropical Cyclones in New Zealand with Dr. Lance Leslie.

As an Undergraduate, Stacey was heavily involved in several student groups. She served as the coordinator and co-coordinator of the School of Meteorology's Freshman Mentoring Program for three years, the president of the OU Student Chapter of the American Meteorological Society (SCAMS) during her senior year, and as an officer on the Student Affairs Committee for two years. Stacey also spent 5 months in the University of Reading's Meteorology department in Reading, England during her study abroad experience. Stacey is passionate about meteorology as a whole, and eventually would love to teach meteorology at a University while still pursuing her research interests. When she isn't involved with meteorology, Stacey enjoys performing with the University of Oklahoma's Steel Drum band, competing with the University's Club Tennis Team, running, cooking, and traveling.



Carl Jones

My name is Carl Jones, and I graduated from Florida State University in 2012 with a B.S. in Meteorology. I am currently (Spring 2013) an active member in the North Florida Chapter of the American Meteorological Society/National Weather Association and have been since 2010. I am also volunteering at the National Weather Service in Jacksonville where I am working towards gaining various certificates and helping out with research mainly within forensic meteorology. My interests lie in operational meteorology and mesoscale meteorology. I love to forecast weather for friends and coworkers, and my blog details unique weather events in the North Florida area (www.northflwx.wordpress.com). I recently attended my first AMS conference in Austin and loved every minute of it! Because of this, I want to contribute in some way and now I am apart of this committee. Other than meteorology, other interests/hobbies of mine include playing bass in two bands, cooking for family and friends, and fishing the waterways within my hometown, Jacksonville, FL.



Danielle Kozlowski

Danielle is a second year Graduate Research Assistant at UAHuntsville working under Dr. Larry Carey, studying the role of lightning in severe storms. She graduated from the University of Missouri with her B.S. in Soil, Environmental and Atmospheric Sciences in December 2011 along with minors in mathematics, geography and her GIS Certificate. Danielle was involved in the AMS throughout her undergraduate career as well. During her time at Mizzou, she served as the Treasurer of the joint AMS/NWA chapter during her sophomore year, Campus Weather Service co-chair during her junior year and President during her senior year. Additionally, as a undergraduate Danielle was a research intern during the summers of 2010 and 2011 at NASAs Marshall Space Flight Center in Huntsville, Alabama. At NASAs Short term prediction research and transition center (SPoRT) she worked under her mentor Brad Zavodsky, and spent her first summer analyzing the SPoRT WRF and RUC models determining the impact AIRS data had on summertime convective forecasts in the southeast United States. Her second summer was spent focusing on analyzing the impact of the SPoRT and NSSL WRF forecasts from the tornado outbreak of April 2011 in Alabama.

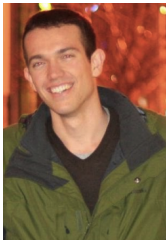
This past year at UAH she served as the club secretary and was a co-chair for Huntsvilles 3rd Annual Rocket City Weather Fest alongside fellow graduate student Matt Saari. She will continue her role as club secretary for the 2013-2014 school year. Danielle has also been recently chosen to serve a three-year term on the AMS Local Chapter Affairs Committee. Outside of school, Danielle is originally from St. Louis, Missouri and a huge sports fan. She loves rooting for the St. Louis Cardinals, Green Bay Packers, North Carolina Tarheels and most importantly her alma mater, the Missouri Tigers! This will be Danielles second year working on the Student Conference Planning Committee. Feel free to email her at dmk0004@uah.edu



Ryan Kramer

Ryan Kramer is a first year graduate student at the University of Miami Rosenstiel School of Marine and Atmospheric Science working towards his PhD in Meteorology and Physical Oceanography. He recently graduated with honors from Penn State University with a B.S. in Meteorology and a minor in mathematics. He previously served as the President of the Penn State Branch of the American Meteorological Society and the Penn State Chapter of the National Weather Association. Additionally, as an undergraduate Ryan was a research intern at NASA Goddard Space Flight Centers Biospheric Science Branch and completed a NOAA Hollings internship at the Charleston, SC National Weather Service office, researching regional wind gust trends. He is also the defending WxChallenge Forecasting Competition individual champion and was a member of the WxChallenge national championship Penn State team.

This is Ryans first year as a member of the AMS Student Conference Planning Committee. He looks forward to offering new ideas and tapping into his network within the community to help organize an engaging and informative conference for attendees.



Alek Krautmann

Alek Krautmann is a Research Associate with the Southern Climate Impacts Planning Program (SCIPP), which is a NOAA Regional Integrated Sciences and Assessments program, at the Oklahoma Climatological Survey in Norman, OK. His work involves integrating information and resources about natural hazards and extreme weather events into state and local hazard mitigation plans. In 2012 Alek earned his M.S. from Ohio University, where he served as Associate Director of Scalia Laboratory for Atmospheric Analysis and completed thesis research investigating summer heat waves in the Midwest. At Ohio University he taught two undergraduate meteorology labs, assisted the senior synoptic course, coordinated student outreach and was recognized by the school as one of the Outstanding Graduate Student Leaders. He graduated from the University of Oklahoma in 2010 with a B.S. in Meteorology and minor in mathematics. While at the University of Oklahoma he was active in the AMS student chapter, Oklahoma Weather Lab, volunteered as a National Weather Center tour guide, and participated in a study abroad to Monash University in Melbourne, Australia. During the summer of 2009 Alek worked at the Charleston, SC NWS office through the NOAA Hollings Scholarship Program and completed an upper-air climatology for the office. Due to interests in government and public policy, he attended the 2011 AMS Summer Policy Colloquium in Washington DC. He is originally from St. Louis, MO and enjoys swimming, hiking, traveling, and following Cardinals baseball. From 2011-2012 Alek served as Co-Chair of the Student Conference Planning Committee. This year will be Alek's fifth AMS Student Conference and fourth on the committee. Feel free to email him at alek.krautmann@gmail.com



Tim Marquis

Tim Marquis is currently a graduate student in the Department of Geological and Atmospheric Sciences at Iowa State University. Tim graduated cum laude from the University of Oklahoma with a Bachelors of Science degree in Meteorology. He was awarded the Carl W. Kreitzberg Endowed Scholarship by the AMS his senior year as well as an SCEP internship with the National Weather Service office in Green Bay and the Storm Prediction Center in Norman in 2009. While at the University of Oklahoma he was active in the Oklahoma Weather Lab (Vice President 2008-2009), Student Affairs Committee (Vice President of Undergraduates 2010-2011), National Weather Festival (volunteer co-chair 2008-2011), and the student chapter of AMS.

Tims passion has always been with mesoscale meteorology, especially with severe storms and tornadoes. At the University of Oklahoma, he was a member of the launch team with the TELEX experiment during 2010 and 2011. While being a SCEP, Tim completed research involving the performance of Tropospheric Airborne Meteorological Data Reporting (TAMDAR) in pre-storm environments as well as working forecast shifts.

At Iowa State University, Tim assists with the senior level synoptic and senior level mesoscale forecasting courses. On top of research assistant duties, Tim is the first on site meteorologist for Iowa State athletics. He is responsible for providing advanced lead time for hazardous weather as well as improving existing severe weather action plans. He is also the current President of the Graduate Student Committee. His thesis research focuses on false alarm MCSs in the central plains utilizing the CAPS 2010 4km WRF ensemble members from the 2010 Hazardous Weather Testbed Spring Experiment. He is originally from Appleton, Wisconsin and enjoys riding roller coasters, movies and is a huge OU and Green Bay Packer football fan as well as a OKC Thunder fan. This is Tims first year on the committee. Feel free to email him at tmarquis@iastate.edu

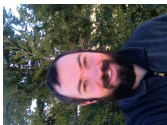


Annareli Morales

Annareli is a second-year graduate student at Colorado State University working in Dr. Sonia Kreidenweis atmospheric chemistry group. She graduated in 2012 from the University of Illinois at Urbana-Champaign with a degree in atmospheric science and geology. During her time at Illinois, she was a member of the AMS student chapter and various other organizations on campus. She participated in the Significant Opportunities in Atmospheric Research and Science (SOARS) program for two summers at NCAR in Boulder, CO. For her Masters thesis, she is exploring a mesoscale vortex that occurred during the devastating Colorado floods in September 2013 using the Weather Research and Forecasting (WRF) model. Annareli hopes to also explore the sensitivities of the WRF model forecast of this extreme precipitation event to microphysical parameterizations.

Besides staring at clouds, Annareli enjoys playing badminton, tennis, and painting. She also enjoys volunteering with Little Shop of Physics at CSU, CMMAP, and the local student chapter of the American Association for Aerosol Research (AAAR) doing community outreach events to teach the public about clouds and aerosols.

Annareli attended the student conference in 2012 and the full conference in 2013. She loves meeting new people and catching up with old friends during the conference, as well as listening to the great presenters and exploring the beautiful host cities. This is her first year on the planning committee and session chair. She is excited to participate and provide her knowledge and assistance to the group. Please feel free to contact her at annareli.morales@colostate.edu.



Stephen Mullens

Stephen Mullens is currently serving in Adjunct Faculty positions teaching Developmental Mathematics, Physical Science, and Meteorology classes at Rose State College in Midwest City, OK; Oklahoma City Community College in Oklahoma City, OK; Mid-American Christian University in Oklahoma City, OK; and on-site at the University of Oklahoma for Redlands Community College in El Reno, OK. Stephen received his B.S. in Meteorology from the University of Oklahoma in 2008 and graduated with his M.S. in Meteorology from the University of Oklahoma in 2010. While in Oklahoma, Stephen was surrounded by the study of severe storms, mesoscale meteorology, and radar meteorology. Stephen researched the impact of short-term high-intensity rainfall on gauge observations within the Hydrometeorological Research Group at the National Severe Storms Laboratory in Norman, OK. Stephen has also helped a team of students research the causes of Tropical Storm Erin (2007) for his Senior Capstone project. The results of this research will be used for quality analysis of gauge observations for use in near real-time spatial quantitative precipitation estimates for the Multi-Radar Multi-Sensor System (MRMS). He also enjoys working on his own meteorological projects, camping, backpacking, watching sports, and participating in church fellowship. This will be Stephens second year as a session chair for the student conference planning committee, and is chairing the Panel of Young Professionals. Please feel free to contact Stephen at stephen.r.mullens@gmail.com.



Meredith Nichols

Meredith Nichols is currently a Senior at the Pennsylvania State University in University Park, PA in the Atmospheric Science option in hopes of heading to graduate school next year for a doctorate in Meteorology with a focus in remote sensing and satellite meteorology. She is minoring in Climatology, Earth Systems, Geography and GIS. She is currently President of the Penn State Branch of the American Meteorological Society and the Penn State Chapter of the National Weather Association (NWA). She is also President of the Penn State Campus Weather Service. When she is not helping with this Planning Committee, she is helping engage the NWA audience as a member of the NWA Social Media Committee. This is Meredith's first year as a member of the AMS Student Conference Planning Committee. She looks forward to offering new ideas and tapping into her network within the community to help organize an engaging and informative conference for attendees.



Dennis Negrón-Rivera

Dennis Negrón-Rivera comes all the way from Bayamón, Puerto Rico. Since the age of three, weather has always fascinated him. He couldn't help but be in awe (as well as afraid) of lightning and thunder following soon after. It wasn't until 1995 when hurricanes Luis and Marilyn impacted Puerto Rico and awoke an interest in weather. After the movie Twister premiered, and hurricanes Hortense (1996) and Georges (1998) struck the island, Dennis knew that weather would be more than just a passion, it would be a career.

In 2007, Dennis started his studies in computer engineering at the University of Puerto Rico in Bayamón and after two years transferred to the University of Puerto Rico at Mayagüez where he is less than a year from completing his degree. He has finished his curricular sequence in Meteorology and expects to take a full time position with Boeing.

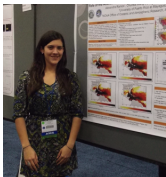
As far as experience goes, his first official internship was through a partnership with the Southern NWS offices where he went to the NWS in Memphis, TN in 2010 to do research on tornadoes. His next opportunity came with the University of Washington's JISAO program in collaboration with Sea Grant where he worked alongside the state climatologist studying and predicting how upwelling events along the Washington coast will be like. Then in 2012, he managed to find an internship at the last minute with Penn State University where he was working on detecting how urban air affects CCN characteristics.

Outside the academic world, Dennis is very active with his local AMS student chapter, having been a member of it since 2010. He was recently chosen to be the chapter's webmaster. In addition, Dennis is also a member of Puerto Rico's only Tau Beta Pi chapter and was elected as its president for this year. In his free time, Dennis enjoys taking photos of airliners and weather events, and bowling. This will be Dennis's 2nd time in the Student Conference Planning Committee.



Diamilet Perez-Betancourt

Diamilet Perez-Betancourt is a second-year Ph.D. student in Atmospheric Science at the Massachusetts Institute of Technology. She graduated from the University of Puerto Rico at Mayaguez (UPRM) in 2012 with a B.S. in Theoretical Physics and a minor in Atmospheric Science and Meteorology. While an undergraduate, she served as Historian of the AMS UPRM Student Chapter for two consecutive years, which fostered her desire to learn about meteorology while serving the community. She was also selected to participate in the Significant Opportunities in Atmospheric Research and Science (SOARS) program at the University Corporation for Atmospheric Research (UCAR). As a SOARS protg, she has received invaluable research opportunities, professional training, and mentoring. Her summer research projects have examined different aspects of tropical cyclones (e.g., cyclogenesis, eye formation, and rapid intensification) and her graduate research focuses on the formation of tropical cyclone spiral rainbands. She is an aspiring hurricane hunter in the sense that her ultimate career goal is to improve the scientific understanding of these weather phenomena. Diamo, as she likes to be called, also enjoys participating in education and community outreach activities. She gave weather briefings at UPRM and through a local radio station, and has represented UCAR as a science demonstrator in various outreach events, such as the 2nd USA Science and Engineering Festival. She also enjoys attending professional conferences to communicate her science, receive constructive feedback, meet peers, and network with the scientific community. Outside of academics, she enjoys photography, painting, reading, traveling, and watching basketball games. This is Diamo's fourth year attending the AMS Student Conference and her second year participating in the Student Conference Planning Committee.



Alexandra Ramos

I am currently an undergraduate student at the University of Puerto Rico at Mayaguez (UPRM), majoring in Physics with a minor in Atmospheric Science and Meteorology. I have been a member of the UPRM AMS Student Chapter since my freshman year, and have also been involved in various committees within the chapter. During my sophomore year I was in charge of our chapters Juracn Magazine and I was recently named leader of the committee in charge of the upkeep of our new weather station. In 2011 I was appointed as EPP Undergraduate Scholar and got the opportunity to conduct my first research at the NWSs Meteorological Development Laboratory in Silver Spring, MD, as well as a second internship at NOAA's AOML in Miami, FL.



Daniel Rothenberg

Daniel Rothenberg is a 3rd-year PhD student at the Massachusetts Institute of Technology in the Program in Atmospheres, Oceans and Climate. His Masters-level work involved the application of detailed parcel models to study the role of aerosol mixing state in the activation of cloud condensation nuclei, and the development of a high-fidelity, computationally-efficient emulator of the model using polynomial chaos expansion to couple aerosol physics and cloud microphysics modules in a global climate model. Beyond work in aerosol-cloud-climate interactions, Daniel is involved in MIT's Joint Program on the Science and Policy of Global Change and the MIT Science Policy Initiative, and is exploring career options at the interface of science and policy. In November, 2013, he co-chaired the 7th Graduate Climate Conference at the Woods Hole Oceanographic Institution. In addition, his broad academic interests outside of meteorology - including computer science and mathematics - have led him to work with several Cambridge and Bay-area start-ups (none of which have struck gold [yet]), to participate in the Google Summer of Code under the mentoring of the Climate Code Foundation, and even to serve as a moderator on /r/science. In his free time, Daniel enjoys coffee, skiing, more coffee, backpacking in the Northeast, slightly more coffee, and studying classical violin and fingerstyle guitar. And coffee. Sometimes playing violin while chugging coffee... but don't tell his conductor!



Nicholas Rothfuss

Nicholas Rothfuss is in his final year of undergraduate study in Meteorology and Chemistry at Central Michigan University. His primary interests are in atmospheric chemistry and cloud microphysics; however, his research work to date has been in other areas, including investigating statistical relationships between North American snowpack and NAO mode with Dr. Daria Kluver at CMU and lake effect snow parameters with Mr. Justin Arnott of the National Weather Service in Gaylord, MI. This is his first year on the committee. Outside of academic pursuits, Nicholas enjoys listening to a wide variety of music from artsy indie rock to unapologetically shlocky pop and consuming way too much Wild Cherry Pepsi.



Matt Saari

Matt Saari is in his third year of Graduate Work at the University of Alabama in Huntsville. Matt received his B.S. in Atmospheric Sciences and a minor in Mathematics from the University of North Dakota in 2011, and now serves as a Graduate Research Assistant under Dr. John Mecikalski at UAH where his work involves satellite-based lightning threat nowcasting. He is also currently an intern at Baron Services, a private weather company in Huntsville. In addition to his research work, Matt participates in hurricane and severe weather research deployments and was involved in the DC3 field project during the summer of 2012. This is Matt's second year on the Planning Committee, and his fifth Student Conference. He served as the Secretary, and then the President of the Student Chapter at North Dakota, and also served as the Student Chapter President at UAH. Matt is a Class of 2009 Hollings Scholar and spent a summer at the NOAA Aircraft Operations Center at MacDill AFB, Tampa, FL working alongside Flight Meteorologists on data quality control from their tropical cyclone missions. Originally from Rush City, MN, outside of Meteorology, Matt enjoys playing/watching Hockey, Basketball, and other sports, playing/listening to music, traveling, and spending time outdoors. Feel free to contact Matt at: msaari0711@gmail.com



Chris Schultz

Chris Schultz is entering his fourth year as a PhD student at UAHuntsville. Chris dissertation work involves developing an operational algorithm for the real time detection of severe weather for GOES-Rs Geostationary Lightning Mapper using total lightning data from lightning mapping arrays. He also works with polarimetric debris and hail signatures, electrified snowfall and lightning instrumentation validation. Chris is a student in the Cooperative Education Program with NASA Marshall Space Flight Center in Huntsville, AL. Chris has served on the Student Conference Planning Committee since 2007, and is in his first year with the recently formed Early Career Professionals Conference. Chris also currently serves as the Chair of the AMS Local Chapters Affairs Committee, associate editor with Monthly Weather Review, and has recently been made an AMS Beacon.



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Owen Shieh

Owen Shieh served as Student Conference Co-Chair for two years (2012-2013) and is the Weather and Climate Program Coordinator at the National Disaster Preparedness Training Center (NDPTC) in Honolulu, HI. At the NDPTC, Owen is in charge of developing hazardous weather training courses for the Federal Emergency Management Agency (FEMA). He served as an instructor for a course at the FEMA National Emergency Training Center in May 2013 about integrating science into emergency management policies and decisions. Owen is also a Meteorology Ph.D. candidate and former NSF Graduate Research Fellow at the University of Hawaii. He received his B.S. in Atmospheric Science from Cornell University in 2007 and his M.S. in Meteorology from the University of Oklahoma in 2010. He was awarded the James B. Macelwane Award by the AMS for his undergraduate research at Cornell that proposed a reason for the local minimum of tropical cyclogenesis in the eastern Caribbean Sea. While in Oklahoma, Owen was immersed in mesoscale meteorology, which included collecting tornado observations in the field and performing numerical simulations of supercells in hurricane rainbands. Currently, at the University of Hawaii, Owens research focuses on improving tropical cyclone intensity prediction through an official collaboration with the U.S. Navy/Air Force Joint Typhoon Warning Center in Pearl Harbor, Hawaii and the NOAA Earth System Research Laboratory in Boulder, Colorado. Having completed Typhoon Duty Officer training at the JTWC, Owen bridges the gap between the tropical cyclone research and operational forecasting communities. Owen's passion has always been with extreme weather and severe storms, particularly hurricanes and tornadoes, and he has been involved with many field experiments. He was a navigator for the Mobile Mesonet team in both seasons of the VORTEX2 project to study tornadogenesis in the Great Plains, and in 2008, he served as a scout for the NO-XP radar deployment into Hurricane Ike that made landfall near Houston, Texas. Most recently, Owen served in the DYNAMO field project as a radar scientist aboard the R/V Roger Revelle, a U.S. Navy research ship operated by Scripps Institution of Oceanography, and was deployed for 35 days to the equatorial Indian Ocean to study the convection associated with the Madden-Julian Oscillation. Owen currently sits as a member of the AMS Board for Operational Government Meteorologists. Please feel free to contact Owen at oshieh@hawaii.edu.



Samantha Tushaus

Samantha Tushaus is a Graduate Student Research Assistant in the Ph.D. program at the University of Michigan - Ann Arbor, and an AMS Graduate Fellowship recipient. During Summer 2013 she worked at NCAR through the Graduate Student Visitor Program, where she used a 3D, cloud resolving orographic precipitation model together with a Markov chain Monte Carlo algorithm to analyze the relationship between upwind sounding conditions and mountain orography. She will continue this research upon her return to U-M in Fall 2013. Samantha received her Bachelors degree in meteorology with honors from Iowa State University in 2012. At Iowa State, she was involved with the ISU Student Chapter of the AMS and was Vice President during 2011-2012 when ISU AMS won Student Chapter of the Year. She was also involved with the Central Iowa NWA and was part of the Severe Storms & Doppler Radar Conference planning committee. Samantha has been interested in weather for as long as she can remember, and hopes to help make a difference by becoming more involved in the national AMS. In her free time she likes to play with dogs, camp, and re-read the Harry Potter series! This will be her fourth year attending the AMS conference, but her first on the planning committee.