

2015 Tropical Cyclone Research Forum
 69th Interdepartmental Hurricane Conference
Tropical Cyclone Operations and Research: Setting our Future Course

AGENDA

DAY 1 - Monday, March 2, 2015

12:00 PM Early Registration (12:00-5:00 PM)

1:00 PM– 5:00 PM	Working Group for Hurricane and Winter Storms Operations and Research (WG/HWSOR) Meeting	Dr. Edward Rappaport (NCEP/NHC) Chairperson, WG/HWSOR
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DAY 2 - Tuesday, March 3, 2015

8:00 AM Registration (8:00 AM-12:00 PM)

Opening Session

8:15 AM	Forum Opening <ul style="list-style-type: none"> • Welcome • Setting the Stage 	Mr. David McCarren Federal Coordinator for Meteorological Services and Supporting Research (Acting)
8:45 AM	Perspectives from the Florida Division of Emergency Management <ul style="list-style-type: none"> • Ms. Amy Godsey, Chief State Meteorologist, Florida Division of Emergency Management • Mr. Steven C. Woodard, Director, Emergency Preparedness Division, Jacksonville Fire and Rescue Department 	

Morning Session Coordinator: Michael Bonadonna (OFCM)

Session 1: The 2014 Tropical Cyclone Season in Review

Session Leader Kathy Winters (Air Force/45 th Weather Squadron)		
9:15 AM (S1-01)	Review of the 2014 Central Pacific Tropical Cyclone Season and Preliminary Verification	Thomas Birchard (NOAA/NWS/CPHC)
9:30 AM (S1-02)	A Review of the 2014 Joint Typhoon Warning Center Tropical Cyclone Season	Robert J. Falvey (JTWC)
9:45 AM (S1-03)	NOAA Aircraft Operations Center (AOC) 2014 Seasonal Summary and Future Plans	CAPT Harris Halverson, Jim McFadden, Devin R. Brakobb, and Timothy Gallagher (NOAA/AOC)
10:00 AM (S1-04)	53d Weather Reconnaissance Squadron/AFRC 2014 Hurricane Season Summary	Lt Col Jonathan Talbot and 1 st Lt Leesa Froelich (53 WRS)
10:15 AM (S1-05)	2014 AXBT Demonstration Project: Operations Summary and Research Update	Elizabeth R. Sanabia (U.S. Naval Academy) and Peter G. Black (NRL/Monterey/SAIC)

10:30 AM Morning Break (10:30-11:00 AM)

Session 2: Research Priorities of the Operational Centers (11:00 AM-12:30 PM)

Session Leader Eric W. Uhlhorn (NOAA/AOML/HRD)		
11:00 AM (S2-01)	AF Weather Update to the 2015 IHC	Col Rob Swanson (Air Force Weather)
11:15 AM (S2-02)	Objective, Automatic Tracking of Pre-Genesis Tropical Disturbances within the Deviation Angle Variance Method for Genesis Prediction	Elizabeth A. Ritchie, Oscar G. Rodríguez-Herrera, Kimberly M. Wood, and J. Scott Tyo (University of Arizona)

11:30 AM (S2-03)	Deterministic Tropical Cyclone Genesis in Operational Global Numerical Weather Prediction Models as a Model Assessment Tool	<i>Mike Fiorino</i> (NOAA Earth System Research Lab)
11:45 AM (S2-04)	Towards Developing a Guidance Product for Tropical Cyclogenesis Probabilities Using a Comprehensive Historical Dataset of Precipitation and Environmental Properties	<i>Jonathan Zawislak</i> (Florida International University), <i>Brandon Kerns</i> (Univ. of Miami/RSMAS), and <i>Haiyan Jiang</i> (FIU)
12:00 PM (S2-05)	Measuring Gaps in Tropical Cyclone Rainbands Using Level II Radar Reflectivity Data	<i>Corene J. Matyas</i> (University of Florida)
12:15 PM (S2-06)	Evolution of the USGS Storm Tide Network	<i>Jeanne C. Robbins</i> (USGS-Raleigh, NC), <i>John W. Fulton</i> (USGS-Denver, CO), <i>Ronald Busciolano</i> (USGS-Coram, NY), and <i>Robert R. Mason, Jr.</i> (USGS-Reston, VA)

12:30 PM Lunch on your own (12:30-1:30 PM)

Afternoon Session Coordinator: Daniel Melendez (NWS/OST)

Session 3a: Transitioning Research to Operations (JHT and DTC), Part 1 (1:30-3:00 PM)

Session Leaders Chris Landsea (NOAA/NCEP/NMC) and Shirley Murillo (NOAA/AOML/HRD)		
1:30 PM (S3a-01)	The Joint Hurricane Testbed (JHT): A 2015 Update	<i>Chris Landsea</i> (NOAA/NHC) and <i>Shirley Murillo</i> (NOAA/AOML)
1:45 PM (S3a-02)	Guidance on Intensity Guidance	<i>Kieran T. Bhatia</i> and <i>David S. Nolan</i> (Univ. of Miami/RSMAS) and <i>Andrea Schumacher</i> (CIRA/CSU)
2:00 PM (S3a-03)	Upgrades to the Operational Monte Carlo Wind Speed Probability Program Principle: Joint Hurricane Testbed Year 2 Project Update	<i>Andrea Schumacher</i> (CIRA/CSU)
2:15 PM (S3a-04)	Developing a Tropical Cyclone Genesis Forecast Tool: Preliminary Results from 2014 Quasi-Operational Testing	<i>Daniel Halperin</i> , <i>Robert Hart</i> , and <i>Henry Fuelberg</i> (Florida St. Univ.) and <i>Joshua Cossuth</i> (NRL)
2:30 PM (S3a-05)	The ARCHER Automated TC Center-Fixing Algorithm: Updates on Real-Time Operations, Accuracy, and Capabilities	<i>Anthony (Tony) Wimmers</i> and <i>Christopher Velden</i> (Univ. of Wisconsin/CIMSS)
2:45 PM (S3a-06)	StormSurgeViz: A Visualization and Analysis Application for Coastal Storm Surge, Inundation, and Wave Modeling	<i>Brian Blanton</i> (Renaissance Computing Institute) and <i>Rick Luettich</i> (Univ. of North Carolina at Chapel Hill)
3:00 PM (S3a-07)	Improvement to the Satellite-based 37 GHz Ring Rapid Intensification Index: A Year 2 Update	<i>Haiyan Jiang</i> , <i>Yongxian Pei</i> , <i>Margie Kieper</i> , and <i>Joseph Zagrodnik</i> (Florida International Univ.)

3:15 PM Afternoon Break (3:15-3:45 PM)

Session 3b: Transitioning Research to Operations (JHT and DTC), Part 2 (3:45-4:45 PM)

Session Leaders Chris Landsea (NOAA/NCEP/NMC) and Shirley Murillo (NOAA/AOML/HRD)		
3:45 PM (S3b-01)	Upgrades to the GFDL/GFDN Operational Hurricane Models Planned for 2015 (A JHT-Funded Project)	<i>Morris A. Bender</i> , <i>Matthew Morin</i> , and <i>Timothy P. Marchok</i> (NOAA/GFDL); <i>Isaac Ginis</i> and <i>Biju Thomas</i> (University of Rhode Island); and <i>Robert E. Tuleya</i> (Old Dominion University)
4:00 PM (S3b-02)	Improving the Ocean Component of the Operational HWRF and GFDN/GFDN Hurricane Models	<i>Isaac Ginis</i> and <i>Biju Thomas</i> (University of Rhode Island), <i>Morris Bender</i> (NOAA/GFDL), <i>Vijay Tallapragada</i> (NOAA/NCEP/EMC)
4:15 PM (S3b-03)	Demonstration Testbed for the Evaluation of Experimental Models for Tropical Cyclone Forecasting in Support of the NOAA Hurricane Forecast Improvement Project (HFIP)	<i>Paul A. Kucera</i> , <i>Christopher L. Williams</i> , <i>Barbara G. Brown</i> , and <i>Louisa Nance</i> (NCAR/Research Applications Laboratory)

4:30 PM (S3b-04)	Testing Hurricane WRF with Alternate Radiation and Partial Cloudiness Schemes	<i>Christina R. Holt</i> (NOAA/GSD, CIRES/CU, and DTC), <i>Greg Thompson</i> (NCAR), <i>Ligia Bernardet</i> (NOAA/GSD, CIRES/CU, and DTC), <i>Mrinal Biswas</i> (NCAR), and <i>Craig Hartsough</i> (NOAA/GSD, CIRES/CU, and DTC)
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4:45 PM 1-Minute Poster Previews coordinated by *Elizabeth A. Ritchie* (Univ. of Arizona)
(following the poster previews, will transition immediately to the poster session)

5:30 PM Poster Session/Ice Breaker (cash bar and hors d'oeuvres) (5:30-7:30 PM)

DAY 3 - Wednesday, March 4, 2015

8:10 AM Opening/Administrative Remarks: *Michael Bonadonna* (OFCM)

Morning Session Coordinator: *Michael Bonadonna* (OFCM)

Session 4a: Observations and Observing Strategies, Part 1 (8:15-9:45 AM)

Session Leaders Scott A. Braun (NASA/GSFC) and Chris Velden (Univ. of Wisconsin/CIMSS)		
8:15 AM (S4a-01)	NOAA's Intensity Forecast Experiment (IFEX): Progress and Plans for 2015	<i>Robert Rogers</i> (NOAA/AOML/HRD)
8:30 AM (S4a-02)	Hurricane and Severe Storm Sentinel (HS3): Results from the 2014 Deployment	<i>Scott A. Braun</i> and <i>Paul A. Newman</i> (NASA/GSFC)
8:45 AM (S4a-03)	Improved SFMR Surface Winds and Rain Rates	<i>Eric W. Uhlhorn</i> (NOAA/AOML/HRD) and <i>Bradley W. Klotz</i> (UM/RSMAS/CIMAS and HRD)
9:00 AM (S4a-04)	HIWRAP Global Hawk Status and Future Plans	<i>Gerald Heymsfield</i> and <i>M. Mclinden</i> (NASA/GSFC), <i>S. Guimond</i> (U. Md ESSIC), and <i>A. Didlake</i> (ORAU)
9:15 AM (S4a-05)	Hurricane Imaging Radiometer (HIRAD)	<i>Daniel J. Cecil</i> (NASA/MSFC), <i>Sayak K. Biswas</i> (USRA), and <i>W. Linwood Jones</i> (Univ. of Central Florida)
9:30 AM (S4a-06)	The Unique Capability of the Scatterometer in Measuring Stress in Tropical Cyclones	<i>W. Timothy Liu</i> , <i>Wenqing Tang</i> , and <i>Xiaosu Xie</i> (NASA/Jet Propulsion Laboratory)

9:45 AM Morning Break (9:45-10:15 AM)

Session 4b: Observations and Observing Strategies, Part 2 (10:15 AM -12:00 PM)

Session Leaders Scott A. Braun (NASA/GSFC) and Chris Velden (Univ. of Wisconsin/CIMSS)		
10:15 AM (S4b-01)	Proof of Concept for Atmospheric Profiling with the High Definition Sounding System (HDSS)	<i>Peter Black</i> (SAIC/NRL/Monterey), <i>James Doyle</i> , <i>Jon Moskaitis</i> , <i>Eric Hendricks</i> , <i>Lee Harrison</i> , <i>Mark Beaubien</i> , and <i>Will Jeffries</i> (NRL/Monterey)
10:30 AM (S4b-02)	Airborne Phased Array Radar (APAR): The Next Generation of Airborne Polarimetric Doppler Weather Radar	<i>James A. Moore</i> and <i>Wen-chau Lee</i> (NCAR/Earth Observing Facility)
10:45 AM (S4b-03)	Near-Real Time Ocean Surface Vector Winds from RapidScat	<i>Paul S. Chang</i> , <i>Zorana Jelenak</i> , and <i>Seubson Soisuvarn</i> (NOAA/NESDIS/STAR) and <i>Faozi Said</i> (Global Science and Technology, Inc.)
11:00 AM (S4b-04)	Coastal Ocean Current and Wave Response to Hurricane Jeanne Using High Frequency Radar Measurements: Implications for Surge Modeling	<i>Lynn K. Shay</i> , <i>Jorge Martinez</i> and <i>Matthew Archer</i> (Univ. of Miami/RSMAS/MPO)
11:15 AM (S4b-05)	Air-Deployable Profiling Floats	<i>Steven R. Jayne</i> , <i>W. Brechner Owens</i> , and <i>P. E. Robbins</i> (Woods Hole Oceanographic Institution); <i>Jim Dufour</i> (MRV Systems LLC); and <i>Elizabeth R. Sanabia</i> (U.S. Naval Academy)

11:30 AM (S4b-06)	A Review of the 2014 Gulf of Mexico Wave Glider® Field Program	<i>Patrick J. Fitzpatrick</i> , Yee Lau, Robert Moorhead, and Adam Skarke (Mississippi State University); Daniel Merritt, Keith Kreider, Chris Brown, Ryan Carlon, Graham Hine, and Teri Lampoudi (Liquid Robotics, Inc.); and Alan Leonardi (NOAA/OAR/Ocean Exploration and Research)
11:45 AM (S4b-07)	The NASA CYGNSS Satellite Constellation: Probing the Inner Core of Hurricanes	<i>Christopher Ruf</i> , Aaron Ridley, and Derek Posselt (Univ. of Mich.); Scott Gleason and Randall Rose (Southwest Research Institute, Boulder, CO); and John Scherrer (Southwest Research Institute, San Antonio, TX)

12:00 PM Forum Luncheon (12:00-1:30 PM)

Luncheon Talks: *Mr. Frederick Toepfer* (NOAA/NWS/OST)

- The Hurricane Forecast Improvement Project (HFIP): Progress and Accomplishments

Dr. Ronald J. Ferek (Navy/ONR)

- Understanding and Predicting the Impact of Outflow on Tropical Cyclone Intensification and Structure

Presentation of the **Richard H. Hagemeyer Award**—*Mr. Ray Tanabe*, Director, NWS Pacific Region (Acting)

Afternoon Session Coordinator: Daniel Melendez (NWS/OST)

Session 5a: Advances in Tropical Cyclone Model Development and Evaluation, Part 1 (1:30-3:00 PM)

Session Leaders James D. Doyle (NRL/Monterey) and Vijay Tallapragada (NOAA/NCEP/EMC)		
1:30 PM (S5a-01)	Advanced Operational Global Tropical Cyclone Forecasts from NOAA's High-Resolution HWRP Modeling System	<i>Vijay Tallapragada</i> (NOAA/NCEP/EMC)
1:45 PM (S5a-02)	The Basin-Scale HWRP System: Verification and Analysis	<i>Sundaraman G. Gopalakrishnan</i> (NOAA/AOML/HRD), Gus Alaka and Xuejin Zhang (UM/CIMAS and NOAA/AOML), Thiago Quirino (NOAA/AOML/HRD), Vijay Tallapragada (NOAA/NCEP/EMC), and Frank Marks Jr. (NOAA/AOML/HRD)
2:00 PM (S5a-03)	Hurricane Forecasts with Regional NMMB: Impact of HWRP Physics	<i>Weiguo Wang</i> , Vijay Tallapragada, and HWRP Team (NOAA/NCEP/EMC)
2:15 PM (S5a-04)	Identifying and Understanding Ocean Model Impacts on Coupled HWRP Forecasts	<i>Hyun-Sook Kim</i> (NOAA/NCEP/EMC) and George Halliwell (NOAA/AOML)
2:30 PM (S5a-05)	Direct Assimilation of Satellite-Derived AMVs into HWRP: First Results	<i>William Lewis</i> and Christopher Velden (University of Wisconsin/CIMSS) and Vijay Tallapragada and Jaime Daniels (NOAA/NCEP/EMC)
2:45 PM (S5a-06)	Proposed 2015 NCEP HWRP Hurricane Forecasting Model	<i>Samuel Trahan</i> , Zhan Zhang, Qingfu Liu, Weiguo Wang, Mingjing Tong, Banglin Zhang, Lin Zhu, Keqin Wu, and Vijay Tallapragada (NOAA/NCEP/EMC)

3:00 PM Afternoon Break (3:00-3:30 PM)

Session 5b: Advances in Tropical Cyclone Model Development and Evaluation, Part 2 (3:30-5:00 PM)

Session Leaders James D. Doyle (NRL/Monterey) and Vijay Tallapragada (NOAA/NCEP/EMC)		
3:30 PM (S5b-01)	Recent COAMPS-TC Development and Future Plans	<i>James D. Doyle</i> (NRL/Monterey), R. Hodur (SAIC), J. Moskaitis, S. Chen, E. Hendricks, H. Jin, Y. Jin, A. Reinecke, and S. Wang (NRL/Monterey)
3:45 PM (S5b-02)	Real-Time Probabilistic TC Prediction with Regional Dynamical Models: The COAMPS-TC Ensemble and the Combined COAMPS-TC/HWRP/GFDL Multi-Model Ensemble	<i>J. R. Moskaitis</i> , P. A. Reinecke, and J. Doyle (NRL-Monterey)
4:00 PM (S5b-03)	Sensitivity of Ocean Sampling for Coupled COAMPS-TC Prediction	<i>Sue Chen</i> (NRL/Monterey), James Cummings (SAIC), Jerome Schmidt (NRL/Monterey), Peter Black (SAIC), Elizabeth Sanabia (U.S. Naval Academy), and L. K. (Nick) Shay (UM/RSMAS)

Note: Presentation abstracts can be found in the conference booklet

4:15 PM (S5b-04)	Further Exploring the Potential for Assimilation of Unmanned Aircraft Observations to Benefit Hurricane Analyses and Forecasts	<i>Jason A. Sippel</i> (IM Systems Group and NOAA/EMC), <i>Fuqing Zhang</i> and <i>Yonghui Weng</i> (Penn St. Univ.), <i>Scott A. Braun</i> (NASA/GSFC), and <i>Daniel J. Cecil</i> (NASA/MSFC)
4:30 PM (S5b-05)	NOAA's Use of the Coyote UAS in Hurricane Edouard to Enhance Basic Understanding and Improve Model Physics	<i>Joseph J. Cione</i> (NOAA/AOML/HRD at the Earth System Research Laboratory), <i>Kristie Twining</i> (NOAA/OAMO), <i>Drew Osbrink</i> and <i>Eric Redweik</i> (Sensintel Corporation), <i>Jim Etro</i> and <i>Dave Downer</i> (ItriCorp), <i>Evan Kalina</i> (University of Colorado), <i>Ligia Bernardet</i> (NOAA/DTC), and <i>Tony Brescia</i> (Naval Air Systems Command)
4:45 PM (S5b-06)	Evaluating Models and Understanding Hurricane Processes with the use of the JPL Tropical Cyclone Information System	<i>Svetla M. Hristova-Veleva</i> (NASA/JPL); <i>M. Boothe</i> (NPS-Monterey); <i>S. Gopalakrishnan</i> (NOAA/AOML/HRD); <i>Z. Haddad</i> , <i>M. P. Johnson</i> , <i>B. Knosp</i> , <i>B. Lambriksen</i> , and <i>P. P. Li</i> (NASA/JPL); <i>M. Montgomery</i> (NPS/Monterey); <i>N. Niamsuwan</i> , <i>W. L. Poulsen</i> , and <i>T.P. Shen</i> (NASA/JPL); <i>V. Tallapragada</i> (NOAA/NCEP/EMC); <i>S. Tanelli</i> (NASA/JPL); <i>S. Trahan</i> (NOAA/NCEP/EMC); and <i>F. J. Turk</i> and <i>Q. Vu</i> (NASA/JPL)

5:00 PM Adourn for the day (*Evening on your own*)

DAY 4 - Thursday, March 5, 2015

8:00 AM Opening/Administrative Remarks: *Michael Bonadonna* (OFCM)

Morning Session Coordinator: *Michael Bonadonna* (OFCM)

Session 6: The Future of the IHC—Agency Perspectives

Session Moderator <i>Mr. David McCarren</i> (OFCM)	
8:10 AM - 9:10 AM	Open Discussion

Session 7: Products, Services, and Societal Impact (9:15-10:15 AM)

Session Leader <i>CDR Elizabeth Sanabia</i> (Navy/U.S. Naval Academy)		
9:15 AM (S7-01)	A Global Investigation of the Impacts of Landfalling Tropical Cyclones on Societies	<i>Denise Balukas</i> , <i>Elizabeth A. Ritchie</i> , and <i>Kim M. Wood</i> (University of Arizona)
9:30 AM (S7-02)	The 2014 Satellite Proving Ground at the National Hurricane Center	<i>Mark DeMaria</i> , <i>Jack Beven</i> , <i>Michael Brennan</i> , <i>Hugh Cobb</i> , and <i>Nelsie Ramos</i> (NOAA/NCEP/NHC); <i>Andrea Schumacher</i> (CIRA/CSU); and <i>Michael Folmer</i> (Univ. of Maryland/CICS)
9:45 AM (S7-03)	NRL Tropical Cyclone Satellite Web Resource	<i>Jeff Hawkins</i> , <i>Kim Richardson</i> , <i>Rich Bankert</i> , <i>Mindy Surratt</i> , <i>Song Yang</i> , and <i>Jeremy Solbrig</i> (NRL/Monterey), <i>Josh Cossuth</i> (NRC/Monterey), <i>Charles Sampson</i> (NRL/Monterey), <i>John Kent</i> (SAIC), and <i>Arunas Kuciauskas</i> (NRL/Monterey)
10:00 AM (S7-04)	A Completed Hurricane Surge Visualization Model and Ongoing Efforts to Use the Model to Assess Public Understanding of Risks due to Storm Surge	<i>B. Lee Lindner</i> , <i>Stephen Duke</i> , and <i>Janet Johnson</i> (College of Charleston) and <i>Frank Alsheimer</i> (NOAA/NWS/Charleston)

10:15 AM Morning Break (10:15-10:45 AM)

Session 8: Tropical Cyclone Research Plan Mid-Course Assessment—Operational Needs and Research Priorities

Note: Presentation abstracts can be found in the conference booklet

Panel Moderator Mr. David McCarren (OFCM)	
10:45 AM – 11:45 AM	Panelists: NHC: Dr. Richard Knabb CPHC: Mr. Ray Tanabe JTWC: Mr. Robert J. Falvey Dr. Frank Marks, Jr., WG/TCR Co-Chair and Director, Hurricane Research Division (NOAA/AOML) Dr. Ronald J. Ferek, WG/TCR Co-Chair and Program Officer, Marine Meteorology Program (ONR)

Final Plenary Session

Session Leader Daniel Melendez (NWS/OST)		
11:45 AM	WG/HWSOR: Action Item Review	Dr. Edward Rappaport (NCEP/NHC) Chairperson, WG/HWSOR
12:00 PM	Forum Wrap-Up	Mr. David McCarren Federal Coordinator for Meteorological Services and Supporting Research (Acting)
12:30 PM	Adjourn	

POSTERS FOR THE 2015 TROPICAL CYCLONE RESEARCH FORUM Poster Session: Tuesday, March 3, 2015, 5:30-7:30 PM (cash bar and hors d'oeuvres)		
P01	Upper Ocean Observations in Hurricane Edouard	<i>Eric W. Uhlhorn</i> (NOAA/AOML/HRD), Benjamin Jaimes (UM/RSMAS), Joseph J. Cione (NOAA/AOML/HRD) and Lynn K. (Nick) Shay (UM/RSMAS)
P02	Observations and Modeling of Saharan Dust Interaction with a Tropical Cyclone	<i>Scott A. Braun</i> , J. J. Shi, and W. K. Tao (NASA/GSFC)
P03	An Update on Techniques Using the Deviation Angle Variance (DAV) for Tropical Cyclone Intensity, Genesis, and Surface Wind Field Estimation	<i>J. Scott Tyo</i> , Oscar G. Rodríguez-Herrera, Kim M. Wood, Klaus P. Dolling, and Elizabeth A. Ritchie (University of Arizona)
P04	Support for Users and Developers of the Hurricane WRF Model	Ligia Bernardet (NOAA GSD, CIRES/CU, and DTC), Vijay Tallapragada (NOAA/NCEP/ EMC), Mrinal Biswas (NCAR), <i>Christina Holt</i> (NOAA GSD, CIRES/CU, and DTC), Samuel Trahan (NOAA/NCEP/ EMC and IMSG), and Laurie Carson (NCAR)
P05	Evolution of the Upper-Level Outflow During Hurricanes Iselle and Julio (2014) in the Navy Global Environmental Model (NAVGEM) Analyses	<i>Sara C. Reynolds</i> , Bradford S. Barrett, and Elizabeth R. Sanabia (U.S. Naval Academy)
P06	Observations of the Upper-Level Outflow During Hurricanes Iselle and Julio (2014)	<i>Julie K. Stapleton</i> , Anthony L. Borrego, Bradford S. Barrett, and Elizabeth R. Sanabia (U.S. Naval Academy)
P07	The Effect of Landfall or Coastal Interaction on the Performance of Navy Tropical Cyclone Track and Intensity Forecasts	<i>Carey Dickerman</i> and Raymond C. Lee (Fleet Numerical Meteorology and Oceanography Center)
P08	Impact of CYGNSS Data on Hurricane Analyses and Forecasts in a Regional OSSE Framework	<i>Brian McNoldy</i> , Bachir Annane, Javier Delgado, Lisa Bucci, Robert Atlas, and Sharanya Majumdar (University of Miami/RSMAS)
P09	Wind Speed Retrievals with GPU Accelerated Matched Filter	<i>Eddie Massey III</i> (Claflin University)
P10	On the Continued Need for Public-Private Partnerships in the Observation of Land-falling Tropical Cyclones	<i>Marty Bell</i> (WeatherFlow, Inc.)
P11	Kuroshio Extension Observatory (KEO) Measurements of the Upper-Ocean Response to Tropical Cyclones in the Western North Pacific	<i>Nicholas A. Bond</i> (University of Washington), Meghan F. Cronin and Hyun-Sook Kim (NOAA)
P12	GOES-R is Coming - Are You Ready!	<i>Steven J. Goodman</i> (NOAA/NESDIS)

POSTERS FOR THE 2015 TROPICAL CYCLONE RESEARCH FORUM Poster Session: Tuesday, March 3, 2015, 5:30-7:30 PM (<i>cash bar and hors d'oeuvres</i>)		
P13	CINAR Tempests: A Rapid Response Program for Oceanographic Measurements during East Coast Hurricane Passage	<i>Glen Gawarkiewicz</i> (Woods Hole Oceanographic Institution) and CINAR Tempests Team (from WHOI, Rutgers U., U. Maine, U. Maryland, Gulf of Maine Research Institute)