CSAM 2016 | CAROLINAS SPORTS ANALYTICS MEETING

FURMAN

8:30am – 9:00am	**Registration (coffee and light refreshments)** *Watkins Room, Trone Student Center*	
	Watkins Room	
9:00am – 9:15am	**Welcome and Introductory Remarks**	
9:15am – 10:10am	**Keynote Address** *Practical Applications of NBA Analytics* David Kaplan, Charlotte Hornets	
10:10am – 10:30am	**Poster Introductions**	
	Room A	*Room B*
10:30am – 11:00am	*Baseball Portfolio Optimization* Keegan Henderson, University of Arkansas	*Stat Crew at Roanoke* Roland Minton, Roanoke College
11:00am – 11:30am	*TSER Value Determination of NFL QBs* Kyle Logan, Governor's School For Science and Technology	*The StatSquad Concept, Potential and Status at Mallard Creek HS* Lew Davidson, Mallard Creek High School
11:30am – 12:00pm	*Using Strength of Schedule in Fantasy Football Rankings* Eli Stutzman, Furman University	*StatSquad Football and Prediction Methodologies at Mallard Creek HS* Lew Davidson, Mallard Creek High School
12:00pm – 1:00pm	**Poster Presentations and Lunch** *Watkins Room*	
	Room A	*Room B*
1:00pm – 1:30pm	*Sports Analytics: The Perfect Storm of Technology, Data, & Analytics* Walt DeGrange, CANA Advisors	*Visualization of the Impact of the Number of Players on the Ice* Marty Thomas, Georgia Gwinnett College
1:30pm – 2:00pm	*How Fair are the Current Boston Marathon Qualifying Standards?* Jeremiah Bartz, Francis Marion University	*Chasing a Championship: Analysis of Modifications to the Chase for the Sprint Cup* Stephen Hill, UNC-Wilmington Tracy Rishel, The Citadel
2:00pm – 2:30pm	*Redefining NBA Positions: A Clustering Analysis Based on Player Shooting Style* Xudong Liang, Davidson College	*A Modified Massey Method Approach to Ranking Players on the PGA Tour* Tyler Allee, Mercer University
2:30pm -- 3:00pm	*Decipher the Madness with Big Data* Sarah Klett, Davidson College	*From the Ground Up: Developing Analytics in Lacrosse* Jesse McNulty, Atlanta Blaze
	Watkins Room	
3:15pm – 4:00pm	**Keynote Address** *TBD* Peter Keating, ESPN The Magazine	
4:00pm – 4:15pm	**Closing Comments and Giveaways**	

Posters

Golf Analytics: Distinguishing the Superstars from the Stars
Jaleel Adatia, Furman University
Coauthor: Kirk Karwan

Ranking the Best NBA Backcourts in Recent History
Mohin Banker, Carnegie Mellon University
Coauthor: Maksim Horowitz

Graph Theoretical Metrics for Soccer
Taylor Ferebee, Roanoke College

Using Heat Maps to Predict Player Performance
Graham Haines, Davidson College

New Method to Find Overall Best Lifter at a Powerlifting Meet
Kendrick Hardison, Francis Marion University

Expected Points Analysis in College Football
Amanda Lake Heath, Appalachian St University
Coauthors: Madison Combs, Zach Snipes

Introducing nflscrapR: R-package
Maksim Horowitz, Carnegie Mellon University
Coauthor: Devin Cortese

Does MLB Players' Salary Reflect Their In-Game Performance?
Charles Jessup, NC A&T State University
Coauthor: Seong-Tae Kim

A Random Walk Through Pitch Selection
Heather McAfee, Georgia Gwinnett College
Coauthor: Keith Erickson

Mano a Mano: Pitcher Cluster Analysis in the MLB
Ian McConnell, Jamey McDowell, Furman Univ.

What defines a good golfer?
David Moreau, Roanoke College

Sentiment Mining the Super Bowl
Nicholas Orletsky, College of Charleston
Coauthor: Matt Taylor

Speed vs Accuracy in the Champions League
Daniel Osborne, Appalachian State University
Coauthors: Cescily Metzgar, Lily Baukema

Rating Offensive Production in Baseball – A Summer with the Martha's Vineyard Sharks
Tyler Schanzenbach, William Penn High School Sports Analytics Club
Coauthor: Umar Khan

Various Methods for Assessing the Ability of Baseball Managers
Alison Tighe, Winthrop University
Coauthor: Thomas W. Polaski

Predictors of Salary in the NBA
Andrew Zuehlke, Appalachian State University
Coauthors: Sierra Milosh, Lauren Murray