

2020 Florida Chapter Annual Meeting

American Statistical Association

March 6-7, 2020



Talks and Poster Abstracts

Welcome **University of West Florida, March 6-7, 2020**

We are pleased to welcome you to the City of Pensacola, the University of West Florida, and the 2020 ASA FL Chapter Annual Meeting.

We are very pleased and honored to have a great panel of speakers and attendees this year. We would like to thank our Keynote, Invited, and Workshop speakers for agreeing to take time out of their busy schedules to give us their perspectives on a broad-ranging set of topics.

We would like to thank the UWF Academic Affairs, Hal Marcus College of Science and Engineering, the Department of Mathematics and Statistics, Office of Undergraduate Research, Usha Kundu - MD College of Health, and Florida Chapter of the ASA for sponsoring this event. Finally, kudos to the members of the Organizing Committee for making this event a Success!

Pensacola is the site of the first Spanish settlement within the borders of the continental United States in 1559, predating the establishment of St. Augustine by 6 years, although the settlement was abandoned due to a hurricane and not re-established until 1698. Pensacola is a seaport on Pensacola Bay, which is protected by the barrier island of Santa Rosa and connects to the Gulf of Mexico. A large United States Naval Air Station, the first in the United States, is located southwest of Pensacola near Warrington; it is the base of the Blue Angels flight demonstration team and the National Naval Aviation Museum. The main campus of the University of West Florida is situated north of the city center. It is nicknamed “The City of Five Flags”, due to the five governments that have ruled it during its history: the flags of Spain (Castile), France, Great Britain, the United States of America, and the Confederate States of America. Other nicknames include “World’s Whitest Beaches” (due to the white sand of Florida panhandle beaches), “Cradle of Naval Aviation”, “Western Gate to the Sunshine State”, “America’s First Settlement”, “Emerald Coast”, “Red Snapper Capital of the World”, and “P-Cola”.

We hope you will all have enough time and opportunity during your stay here to sample the fantastic things that Pensacola and the Northwest Florida to offer.

Once again, welcome to UWF - Pensacola!

The Organizing Committee
The 2020 ASA Florida Chapter Meeting

and understanding these oscillations could be important to increasing our ability to predict rainfall patterns. Being able to predict these patterns could also allow for better preparation for rainfall events such as floods and droughts.

Data Exploration and Engagement Strategies for Just-in-time Tutoring and Promoting Active Learning

Workshop

Melanie A. Sutton, Anthony Okafor, Justice Mbizo, Brian Le, Kimberly Rogers,
Logan Goodson, Naomi Semaan – University of West Florida

This workshop will provide hands-on training on how to quickly capture and edit MP4 videos of your screen explaining concepts to your students. Next, we'll demonstrate how to showcase these videos on a YouTube channel for rapid dissemination and promoting student-to-student engagement. Finally, we will create shareable maps and data tour movies using Excel 3-D Maps. You will plot data with locations (e.g., addresses, ZIP Codes, or locations) on globes or images and digitally fly through and over data scenes and data layers. Demonstrations of additional animation options when temporal information is added will showcase the power of data visualizations in space and time.
