



Dr. William Arnold is a Branch Chief with NOAA's Southeast Regional Office in St. Petersburg. His primary responsibility is management of U.S. Caribbean EEZ fisheries, with an emphasis on the development of practical approaches to ecosystem-based fisheries management. A primary challenge is to obtain more coherent approaches to multidisciplinary data collection and analysis. He is a proponent of developing biological sensors for inclusion in Integrated Ocean Observing System arrays. Previous research efforts focused on larval dispersal patterns of nearshore marine invertebrates including validation of predictive models, assessing impacts of species introductions and aquaculture activities using standard genetic methodologies, restoration of coastal marine populations within a metapopulation context, and application of

sclerochronological techniques to elucidate trends in life history and ecology. Dr. Arnold received his doctoral degree from the USF College of Marine Science in 2006.



Libby Carnahan has found her perfect niche with Florida Sea Grant, connecting scientific research with an end user, be it the community, government, or marine industries. Libby facilitates the Tampa Bay Climate Science Advisory Panel and is the Florida Sea Grant representative to the Florida Clean Boating Partnership. As the UF/IFAS Extension Florida Sea Grant Agent in Pinellas County, Libby helps to manage the Weedon Island Preserve Cultural and Natural History Center in northeast St. Petersburg. Since 1999, Libby has worked in Florida teaching and researching in the marine environment. Past employers have included Newfound Harbor Marine Institute at Seacamp, Pride of Key West Glassbottom Boat, and Tampa Bay Aquatic Preserves. In her graduate career at USF College of Marine Science (2005), Libby Carnahan worked with Dr. Pamela Hallock Muller to analyze the relationship between heavy metal concentrations and foraminiferal abundance and distribution in

Biscayne Bay, FL. Libby has a BS in Biology from Truman State University (1998).



Jenna Cummings attended Eckerd College where she received her Bachelor of Science in marine geology in 2003. She received her Masters of Science from the University of South Florida, College of Marine Science in 2006. Jenna is currently Director of Marine Studies at the Canterbury School of Florida where she teaches marine science to students in PK3 through grade 12. In this position, Jenna has created and implemented a curriculum that enhances the traditional science curriculum in the areas of marine conservation and environmental education. She engages students in REEF surveys and lionfish eradication programs, marsh grass restorations, beach cleanups, construction of underwater robots, dolphin research and much more. She is also involved in outreach to

local schools, providing marine studies education opportunities for local partner schools including Academy Prep and PACE Center for Girls. Beyond Canterbury Jenna has taken on a

leadership role in the Florida Marine Science Educators Association, first as regional director of the west central region from 2012- 2014 and most recently as president of the board for the 2015-2016 school year.



Molly Mc was a hospital medical technologist, specializing in biochemistry and microbiology (my undergraduate degree is from Capital University in Columbus, Ohio). After working in the Pacific for a number of years in public health, I decided to fulfill a childhood dream to pursue a graduate degree in Marine Science, and that brought me to St. Petersburg. I graduated in 2000 with a Master's Degree from Dr. Joan Rose's lab (Environmental Microbiology), and I am currently the laboratory manager at the U.S. Geological Survey.



Andy Squires has a BA in Biology and a MS degree in Marine Science, both from the University of South Florida. He is currently the Coastal and Freshwater Resources Section Manager for Pinellas County's Division of Natural Resources. His primary focus is on the County's Beach Management Program (beach nourishment, beach stabilization, and inlet management) and developing plans for use of Federal RESTORE Act penalty funds from the 2010 Gulf of Mexico BP oil spill. Other Section programs include the Water and Navigation Unit that covers dock permitting, mangrove trimming, aids to navigation maintenance, derelict vessel removal, and manatee protection; and the Environmental Monitoring Unit that assesses the quality of surface waters, seagrasses, streams, and bay benthic communities. Andy has held multiple management level positions for Pinellas County since 1997 and has worked on several collaborative projects with the Southwest Florida Management District and the Tampa Bay Estuary Program. Prior to Pinellas County, Andy has also worked for two Tampa Bay area consulting firms (1990-1997) and for the City of Tampa's Bay Study Group (1982-1990).