



June Wolfe III

Candidate for 2018 Non Academic Director

Dr. June Wolfe helped establish and now directs the Water Science Laboratory at Texas A&M AgriLife Research Blackland Research and Extension Center in Temple. His lab conducts basic and applied research in water conservation and management with an emphasis on investigating erosion and sedimentation caused by stormwater and land disturbance. Water quality and water quantity information from field instrumentation, telemetry and analytical analyses are linked with computer simulation modeling developed at the Center to determine aquatic and land condition trends and the effectiveness of various land management practices. Dr. Wolfe is also interested in the use of grasses as ornamental species for water and resource conserving landscapes of high aesthetic value. With shrinking water supplies and growing population, a renewed interest in Aquifer Storage and Retrieval in Texas has opened opportunities for Dr. Wolfe to provide research in sound, science-based alternatives for increasing and protecting Texas' water supply.

A lifelong interest in life sciences has led Dr. Wolfe to share his curiosity with both children and adults. He serves as a mentor to college and High School students on water-related projects through internship programs at Temple College and the Texas Bioscience Institute. Dr. Wolfe is an instructor on core classes and advanced training for the Central Texas Master Naturalists including Aquatic Systems Ecology and Ecosystem Concepts. He has served as adjunct professor of Biology for Temple College and has delivered aquatic ecology and water quality lectures to students at local schools of all grade levels. Dr. Wolfe also leads science-based activities for youth events sponsored by AgriLife for children of military families. Beyond water issues, his other interests include astronomy (he built his own telescope), radio and electronics (recently built a

lightening detector), native plants and their benefits, and tying his own fishing flies.

Dr. Wolfe holds an undergraduate degree in Biology/Chemistry from The University of Texas at Austin, an MS in Horticulture from Texas A&M University and a PhD in Aquatic Biology from Baylor University. He was awarded an NSF Fellowship in 2009 to study lake ecology in Japan where he established research partnerships with Japanese researchers from Shimane University in Matsue and continues to cooperate on water-related research projects. Dr. Wolfe is a member of the American Water Resources Association. He has worked for the Texas A&M System since 1987 and in Water Quality for the last 22 years. Dr. Wolfe has been involved with the Texas Academy of Science through poster presentations at annual meetings and has two articles published in the Academy's publication, The Texas Journal of Science.