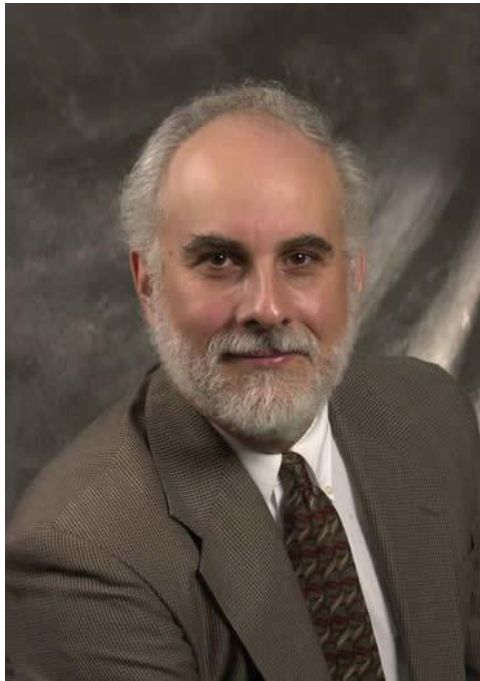


## Key Staff for Moody Foundation Project and Qualifications:



David Creech  
Professor and Director, SFA Gardens  
Stephen F. Austin State University  
936-468-4343 and dcreech@sfasu.edu  
B.S. -- Texas A & M University  
M.S. -- Colorado State University  
Ph.D. -- Texas A & M University  
Dr. Creech is the lead Principal Investigator on this project. He has been at Stephen F. Austin State University since 1978 and currently directs SFA Gardens, a 128 acre garden that has long been associated with the testing and introduction of new plant materials. Dr. Creech is a Regent's Professor and Professor Emeritus. He has a long list of scholarly and trade publications. He's a past-President of the Native Plant Society of Texas, the Southern Region of the American Society of Horticultural Science, and has held numerous positions in other organizations. His primary interest is introduction of plant materials, environmental education, and spreading the gospel of adventuresome horticulture.



Kenneth Farrish  
Director, Division of Environmental Science  
Stephen F. Austin State University  
phone: 936-468-2475 | kfarrish@sfasu.edu  
Education:  
Ph.D. -- University of Minnesota  
M.S. -- Michigan Technological University  
B.S. -- Michigan Technological University

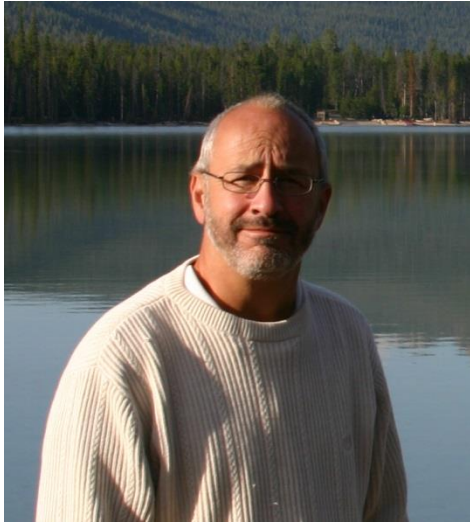
Dr. Farrish came to SFA in 1996 as Associate Professor from Louisiana Tech University. In 2001 he was named Director of the Division of Environmental Science. His research interests include forest soil ecology, forest soil productivity maintenance and enhancement, root system dynamics, remediation and reclamation of disturbed lands, and alternative right-of-way vegetation management. He has overseen major modifications of curricula for the BS and MS degrees in Environmental Science; provided leadership in preparing a proposal to establish a Ph.D. program in Environmental Science. In 2003, he was named the Arnold Distinguished Professor of Forest soils and Environmental Science.



Elaine Harris is from League City, Texas and is currently pursuing the Master of Science degree in Environmental Science under the direction of Dr. Kenneth Farrish. She graduated with honors in December 2014 with the Bachelor of Science degree in Environmental Science from Stephen F. Austin State University. She completed an internship with the Harris County Flood Control District in the summer of 2014 where she inventoried tree plantings along the district's channels and basins. Elaine is particularly interested in remediation and reclamation practices and is eager for the opportunity to study amelioration of sodium concentrations in soils at the Moody Gardens Site.



David L. Kulhavy  
Laurence C. Walker Distinguished Professor (September 2015); Lacy Hunt Professor from 2013-2015  
Arthur Temple College of Forestry and Agriculture  
Stephen F. Austin State University, Nacogdoches, Texas 75962  
Phone 936 468 2081; dkulhavy@sfasu.edu  
Ph.D. University of Idaho  
M.S. University of Idaho  
B.A. San Diego State University  
Dr. Kulhavy came to SFA in 1978 as Assistant Professor of Forest Entomology and Landscape Ecology. He was promoted to Associate Professor and then Professor. Dr. Kulhavy has research responsibilities in forest pest management, landscape ecology and spatial science with GIS and GPS. Dr. Kulhavy is a recognized educator with the Carl Schenck Award in Teaching, Society of American Foresters (SAF); the National Teaching Award, Entomological Society of America; the Minnie Stephens Piper Foundation Professor award; SAF Fellow; and Regents Professor at SFASU. Dr. Kulhavy works with Pictometry and remote sensing of natural resources. Dr. Kulhavy was named the Lacy Hunt Professor in 2013.



Daniel Unger, Ph.D., Professor  
(936) 468-2234 | unger@sfasu.edu  
Remote Sensing, Geographic Information Systems (GIS),  
GPS  
Ph.D. -- University of Idaho -- Remote Sensing and  
Geographic Information Systems  
M.S. -- The Pennsylvania State University -- Forest  
Biometrics  
B.S.F. -- Purdue University -- Forest Management  
B.S. -- Purdue University -- Business Management  
Daniel R. Unger is an Associate Professor of Remote  
Sensing and GIS. His current responsibilities at SFA  
involve teaching, research and service involving the  
quantitative and qualitative analysis of natural resources  
via the spatial analysis disciplines of aerial photo

interpretation, digital image processing, GIS and GPS. Prior to coming to SFA he was an Assistant Professor of Natural Resource Measurements within the Department of Forestry at Southern Illinois University where he was involved in teaching, research and service relative to the inventorying, mapping, monitoring and management of natural resources via the fields of mensuration, aerial photo interpretation, digital image processing and GIS.



Leon Young  
Professor and Director SFA Soil and Plant Tissue Testing  
Laboratory  
936-468-3705; lyoung@sfasu.edu  
B.S., Plant Science, Texas A & I University, Kingsville,  
Texas  
M.S., Soil Fertility, Iowa State University, Ames, Iowa  
Ph. D. Soil Fertility, minor in Animal Nutrition, Iowa State  
University, Ames, Iowa

Dr. Leon Young is a Professor in the Department of  
Agriculture. Over his career he has supervised 34 theses  
and is now 45 year member of Soil Science Society of

America and the American Society of Agronomists. These research projects have helped improve the soil and forage testing service, improve lime and fertilizer recommendations, and understand the problems of broiler litter management. Dr. Young is a 42 year member of the American Society of Agronomy and the Soil Science Society of America. He is also a member of the Crop Science Society of America and the National Forage and Grassland Council. He was awarded the prestigious Regents Professor title by Stephen F. Austin State University in 2008 and the Nacogdoches County Agriculture Educator of the Year in 2012. He serves on the East Texas Regional Water Planning Group, preparing water plans for the East Texas region.



Yanli Zhang  
Assistant Professor  
Arthur Temple College of Forestry and Agriculture  
Stephen F. Austin State University  
phone: 936-468-2157 | zhangy2@sfasu.edu  
Ph.D. -- University of Massachusetts, Amherst  
B.E. -- Beijing Forestry University  
Dr. Zhang came to SFA in 2009 as Assistant Professor in the area of water resources and spatial science. He teaches Surveying and Mapping, Introduction to GIS, GIS Application, GIS Database Management, GIS Programming, and GIS for Water resources. His main research grants have been funded by USFS, state and local agencies.



Dr. Michael Maurer  
Associate Professor of Horticulture  
Stephen F. Austin State University  
Ph. (936) 468-1729: maurerma@sfasu.edu  
Education:  
Ph.D. University of Florida – 1994  
M.S. California State University, Fresno – 1989  
B.S. California State University, Fresno – 1985  
Dr. Maurer joined the faculty of the Arthur Temple College of Forestry and Agriculture in Fall 2006 after positions at Texas Tech University and the University of Arizona. He currently teaches a diversity of horticulture courses in plant physiology, greenhouse management, floriculture, weed science, irrigation, plant protection and turfgrass science. He received the Teaching Excellence Award in 2015. Directed undergraduate and graduate research has focused on plant growth and development related to plant nutrient management and plant water relations.





Rebecca Burnett is from Austin, Texas. She graduated from Loyola University New Orleans in May 2015 with a Bachelor of Science degree in Environmental Science. During her time there, she was a member of the volleyball team and Theta Phi Alpha Fraternity. At Loyola, she conducted her undergraduate research on how tomato plants are affected by the different UV waves. She is currently pursuing a Master of Science degree in Agriculture at Stephen F. Austin State University under the direction of Dr. Michael Maurer. Her work on the Moody Project will focus on the impact of aerial salinity and opportunities to ameliorate those effects with various treatments



Dr. Stephen Wagner  
Professor, Department of Biology  
Stephen F. Austin State University  
phone: 936-468-2135 | [swagner@sfasu.edu](mailto:swagner@sfasu.edu)  
Education:  
Ph.D. -- Agronomy (Soil Microbiology), Clemson University  
M.S. – Microbiology, North Carolina State University  
B.S. – Environmental Biology, Heidelberg University  
Dr. Wagner came to Stephen F. Austin in 1996 after serving as a Postdoctoral Research Associate with the USDA-ARS Southern Weed Science Laboratory. He teaches general biology, microbiology, cell biology, and applied and environmental biology courses. His research has focused upon microbial ecology and incorporated several different projects, including the impact of oil/brine spills on microbial and plant communities, the effect of cropping systems on herbicide biodegradation, and plant/microbe interactions involving mycorrhizal

fungi and nitrogen-fixing bacteria. Additionally, he served as the principal investigator of several projects involved in professional development programs that train pre- and in-service teachers in innovative, inquiry-based approaches to teaching science. Dr. Wagner has an extensive publication record of research articles and reviews in several journals, conference proceedings, and online textbooks. His work has been supported by the American Society for Microbiology, Baker Hughes, Inc., the National Science Foundation, NASA, the U.S. Department of Education, the Texas Higher Education Coordinating Board, USDA-ARS, and the Waksman Foundation.



Elaine Fowler is from Huntington, West Virginia and holds a Bachelor of Science degree in Chemistry with minors in Biology and Vocal Performance from Heidelberg University. She is currently pursuing a Master of Science degree in Environmental Science with a particular interest in bioremediation/reclamation and soil microbiology. Elaine will be studying under the direction of Dr. Stephen Wagner. In the summer of 2014 she completed an undergraduate research program at West Virginia State University testing molecular markers for a cultivated tomato breeding program and presented at the 2014 Tomato Breeder's Round Table. While at Heidelberg she served as president of Tri-Beta Biological Honorary and was active in the American Chemical Society student chapter, her sorority Zeta Theta Psi, and musical and theatrical productions.



Dr. Bea Clack,  
Biotechnology Department,  
Phone: 936.468.1017  
E-mail: [bclack@sfasu.edu](mailto:bclack@sfasu.edu)  
Dr. Clack earned her B.S in biochemistry from Texas A&M University, M.S. in molecular and cell biology from the University of Texas at Dallas, and her Ph.D. in molecular and cell biology from the University of Texas at Dallas. Dr. Clack is in the College of Science and Mathematics and has been involved in a number of projects that provide opportunities for both undergraduate and graduate students to learn many state-of-the art techniques in molecular biology such as cloning, PCR, microarray, pyrosequencing, Real Time PCR, qRT-PCR, RNA isolation, cDNA synthesis, spectroscopy techniques, protein expression methods, tissue culture and many more. Dr. Clack is working with Dr. Yuhong Zheng (“Jade”), a visiting scientist from Nanjing Botanical Garden. They are determining genetic diversity in *Taxodium* using ISSR and SSR analysis with a goal of finding markers associated with salt tolerance.



Dr. Yuhong Zheng is a visiting scientist from China cooperating with Dr. Creech. ‘Jade’ received her Ph. D from the College of Life Sciences, Nanjing Agricultural University in 2006 and is an Associate Professor in the Institute of Botany & Jiangsu Province and Chinese Academy of Sciences. Her research topics is: (1) Study on the effects of nano materials on plant propagation and cultivation; (2) Study on the tissue culture of ornamental plants; (3) Study on the germplasm resources improvement of ornamental plants; (4) Study on breeding of ornamental plants, mainly the *Taxus L.*, *Lycoris Herb.* and *Zantedeschia hybrida*. With the assistance of Dr. Bea Clack, College of Science and Mathematics, Jade is currently in a genetic study of salt-tolerant bald cypress developing PCR markers to discriminate between the three botanical varieties of *Taxodium* and the “hybrids” that have been developed in the breeding program at the Nanjing Botanical Garden.