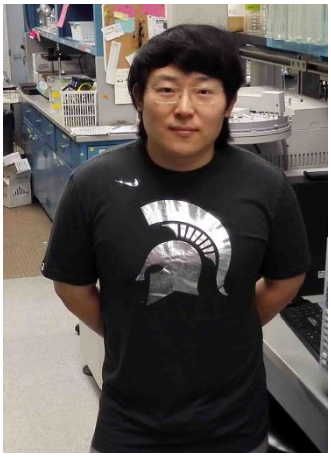
Name:	**Professor Zhi-Yan (Rock) Du**
Affiliation:	The University of Hawaii at Mānoa
	Prof. Zhi-Yan (Rock) Du is an expert in Prof. Du is an expert in plant and microalgal lipid metabolism, with a special emphasis on lipid-mediated cellular responses to biotic and abiotic stress. He researched how plants and microalgae adapt to stresses in their environments in order to maintain normal activity levels, such as in photosynthesis, lipid turnover or cellular signaling. He was the first to report that eukaryotic microalgae can live inside fungi. Currently, Prof. Du is working on engineering of oleaginous microalgae for production of fatty acids and other oil products that are useful for diverse biotech purposes. Recently, he developed an algae harvesting system using oleaginous fungi for valuable bio-products. Prof. Du obtained his Ph.D. in Biochemistry and Molecular Biology at the University of Hong Kong and continued his scientific career at Michigan State University for the next 8 years. Currently he hold the position of Assistant Professor in the Department of Molecular Biosciences and Bioengineering at the University of Hawaii at Mānoa in Honolulu, where he leads his own research group. His current research focus on engineering and synthetic approaches to produce valuable bio-products in microalgae and on establishing co-production systems involving synthetic microbial communities. Moreover he perform basic research on lipid metabolism in plants, microalgae, fungi, and bacteria, as well as symbiosis among these organisms.
Main research interests:	-Lipid metabolism in photosynthetic organisms including plants, microalgae and cyanobacteria - Symbiosis among plants/microalgae, bacteria and fungi -Biofuel and bio-products production
Links:	http://www2.hawaii.edu/~duz/projects.html